

BP-26 Rate Proceeding

Final Proposal

Power Revenue Requirement Study Documentation

BP-26-FS-BPA-02A

July 2025

POWER REVENUE REQUIREMENT STUDY DOCUMENTATION

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COMMONLY USED ACRONYMS AND SHORT FORMS

AAC	Anticipated Accumulation of Cash
ACNR	Accumulated Calibrated Net Revenue
ACS	Ancillary and Control Area Services
AF	Advance Funding
AFUDC	Allowance for Funds Used During Construction
aMW	average megawatt(s)
ANR	Accumulated Net Revenues
ASC	Average System Cost
BAA	Balancing Authority Area
BiOp	Biological Opinion
BPA	Bonneville Power Administration
Bps	basis points
Btu	British thermal unit
CIP	Capital Improvement Plan
CIR	Capital Investment Review
CDQ	Contract Demand Quantity
CGS	Columbia Generating Station
CHWM	Contract High Water Mark
CNR	Calibrated Net Revenue
COB	California-Oregon border
COE	U.S. Army Corps of Engineers
COI	California-Oregon Intertie
Commission	Federal Energy Regulatory Commission
Corps	U.S. Army Corps of Engineers
COSA	Cost of Service Analysis
COU	consumer-owned utility
Council	Northwest Power and Conservation Council
CP	Coincidental Peak
CRAC	Cost Recovery Adjustment Clause
CSP	Customer System Peak
CT	combustion turbine
CY	calendar year (January through December)
DD	Dividend Distribution
DDC	Dividend Distribution Clause
<i>dec</i>	decrease, decrement, or decremental
DERBS	Dispatchable Energy Resource Balancing Service
DFS	Diurnal Flattening Service
DNR	Designated Network Resource
DOE	Department of Energy
DOI	Department of Interior
DSI	direct-service industrial customer or direct-service industry
DSO	Dispatcher Standing Order
EE	Energy Efficiency
EIM	Energy imbalance market

EIS	Environmental Impact Statement
EN	Energy Northwest, Inc.
ESA	Endangered Species Act
ESS	Energy Shaping Service
e-Tag	electronic interchange transaction information
FBS	Federal base system
FCRPS	Federal Columbia River Power System
FCRTS	Federal Columbia River Transmission System
FELCC	firm energy load carrying capability
FOIA	Freedom Of Information Act
FORS	Forced Outage Reserve Service
FPS	Firm Power and Surplus Products and Services
FPT	Formula Power Transmission
FY	fiscal year (October through September)
G&A	general and administrative (costs)
GARD	Generation and Reserves Dispatch (computer model)
GMS	Grandfathered Generation Management Service
GSP	Generation System Peak
GSR	Generation Supplied Reactive
GRSPs	General Rate Schedule Provisions
GTA	General Transfer Agreement
GWh	gigawatthour
HLH	Heavy Load Hour(s)
HOSS	Hourly Operating and Scheduling Simulator (computer model)
HYDSIM	Hydrosystem Simulator (computer model)
IE	Eastern Intertie
IM	Montana Intertie
<i>inc</i>	increase, increment, or incremental
IOU	investor-owned utility
IP	Industrial Firm Power
IPR	Integrated Program Review
IR	Integration of Resources
IRD	Irrigation Rate Discount
IRM	Irrigation Rate Mitigation
IRPL	Incremental Rate Pressure Limiter
IS	Southern Intertie
kcfs	thousand cubic feet per second
kW	kilowatt
kWh	kilowatthour
LDD	Low Density Discount
LGIA	Large Generator Interconnection Agreement
LLH	Light Load Hour(s)
LPP	Large Project Program
LPTAC	Large Project Targeted Adjustment Charge
LTF	Long-term Form
Maf	million acre-feet

Mid-C	Mid-Columbia
MMBtu	million British thermal units
MNR	Modified Net Revenue
MRNR	Minimum Required Net Revenue
MW	megawatt
MWh	megawatthour
NCP	Non-Coincidental Peak
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NFB	National Marine Fisheries Service (NMFS) Federal Columbia River Power System (FCRPS) Biological Opinion (BiOp)
NLSL	New Large Single Load
NMFS	National Marine Fisheries Service
NOAA Fisheries	National Oceanographic and Atmospheric Administration Fisheries
NOB	Nevada-Oregon border
NORM	Non-Operating Risk Model (computer model)
Northwest Power Act	Pacific Northwest Electric Power Planning and Conservation Act
NP-15	North of Path 15
NPCC	Pacific Northwest Electric Power and Conservation Planning Council
NPV	net present value
NR	New Resource Firm Power
NRFS	NR Resource Flattening Service
NT	Network Integration
NTSA	Non-Treaty Storage Agreement
NUG	non-utility generation
NWPP	Northwest Power Pool
OATT	Open Access Transmission Tariff
O&M	operation and maintenance
OATI	Open Access Technology International, Inc.
OS	Oversupply
OY	operating year (August through July)
PDCI	Pacific DC Intertie
Peak	Peak Reliability (assessment/charge)
PF	Priority Firm Power
PFp	Priority Firm Public
PFx	Priority Firm Exchange
PNCA	Pacific Northwest Coordination Agreement
PNRR	Planned Net Revenues for Risk
PNW	Pacific Northwest
POD	Point of Delivery
POI	Point of Integration or Point of Interconnection
POR	Point of Receipt
Project Act	Bonneville Project Act
PS	Power Services
PSC	power sales contract

PSW	Pacific Southwest
PTP	Point to Point
PUD	public or people's utility district
PW	WECC and Peak Service
RAM	Rate Analysis Model (computer model)
RCD	Regional Cooperation Debt
RD	Regional Dialogue
REC	Renewable Energy Certificate
Reclamation	U.S. Bureau of Reclamation
RDC	Reserves Distribution Clause
REP	Residential Exchange Program
REPSIA	REP Settlement Implementation Agreement
RevSim	Revenue Simulation Model
RFA	Revenue Forecast Application (database)
RHWM	Rate Period High Water Mark
ROD	Record of Decision
RPSA	Residential Purchase and Sale Agreement
RR	Resource Replacement
RRS	Resource Remarketing Service
RSC	Resource Shaping Charge
RSS	Resource Support Services
RT1SC	RHWM Tier 1 System Capability
SCD	Scheduling, System Control, and Dispatch rate
SCS	Secondary Crediting Service
SDD	Short Distance Discount
SILS	Southeast Idaho Load Service
Slice	Slice of the System (product)
T1SFCO	Tier 1 System Firm Critical Output
TCMS	Transmission Curtailment Management Service
TGT	Townsend-Garrison Transmission
TOCA	Tier 1 Cost Allocator
TPP	Treasury Payment Probability
TRAM	Transmission Risk Analysis Model
Transmission System Act	Federal Columbia River Transmission System Act
Treaty	Columbia River Treaty
TRL	Total Retail Load
TRM	Tiered Rate Methodology
TS	Transmission Services
TSS	Transmission Scheduling Service
UAI	Unauthorized Increase
UFT	Use of Facilities Transmission
UIC	Unauthorized Increase Charge
ULS	Unanticipated Load Service
USACE	U.S. Army Corps of Engineers
USBR	U.S. Bureau of Reclamation
USFWS	U.S. Fish & Wildlife Service

VERBS	Variable Energy Resources Balancing Service
VOR	Value of Reserves
VR1-2014	First Vintage Rate of the BP-14 rate period (PF Tier 2 rate)
VR1-2016	First Vintage Rate of the BP-16 rate period (PF Tier 2 rate)
WECC	Western Electricity Coordinating Council
WSPP	Western Systems Power Pool

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1. GENERATION REVENUE REQUIREMENTS

1.1 Introduction

This chapter documents how Bonneville Power Administration's (BPA) annual generation revenue requirements are determined. Two tables are presented showing each year of the rate period. On the first table, revenue requirements are projected in an income statement format. The second table, a statement of annual cash flows, determines the minimum required net revenues and presents the annual cash flows available for risk mitigation.

1.2 Income Statement

Below is a line-by-line description of the components in the Table 1A, Income Statement.

Power System Generation Resources (Line 2). This category encompasses the costs associated with power generated by Federal hydroelectric facilities operated by the Corps and Reclamation and power obtained through contracts for non-Federal resources and through energy conservation. This category includes lines 3 through 10, described below. *See Documentation, BP-26-E-BPA-02A, Chapter 3.*

Operating Generation Resources (Line 3). This category includes the operations and maintenance expenses associated with power-producing resources including the Columbia Generating Station (CGS), Reclamation, and Corps, and the annual expenses associated with long-term contract generating projects. *Id.*

Operating Generation Settlement Payments (Line 4). A settlement agreement between the Confederated Tribes of the Colville Reservation and the United States was signed in 2004 concerning the construction of Grand Coulee Dam. The Settlement Act (Public Law 103-436) ratifying the settlement agreement authorizes BPA to make annual payments to the Tribes for the use of tribal lands for power production at the Columbia Basin project. In 2019, Congress acted to compensate the Spokane Tribe of Indians for lands inundated by the construction of the Grand Coulee Dam. The Spokane Tribe of Indians of the Spokane Reservation Equitable Compensation Act (Public Law 116-100) directs BPA to pay an amount equal to a fixed percentage of the annual Colville Settlement Agreement payments. *Id.* This line also includes the annual amortization of the total forecast payments under the terms of the Phase Two Implementation Plan litigation stay settlement. *See Chapter 4.*

Non-Operating Generation (Line 5). This category includes the decommissioning costs of the Trojan nuclear plant and the unfinished WNP-1 and WNP-3 nuclear plants. *Id.*

Contracted Power Purchases (Line 6). This category includes short-term (balancing) power purchases, hedging/mitigation, and the PNCA headwater benefit which refers to the costs associated with benefits BPA receives from storage projects in Canada. *Id.*

Augmentation Power Purchases (Line 7). This category includes augmentation power purchase costs reflecting the energy that BPA purchases in order to satisfy its obligation to meet the load requirements for public utilities. *Id.*

Exchanges and Settlements (Line 8). This category represents the benefits for qualifying public utilities and IOUs that are calculated as part of the Residential Exchange Program. *Id.*

Renewable Generation (Line 9). This category reflects the operating expenses of several generating projects fueled by renewable energy resources, such as wind, geothermal, methane gas, solar, and “fish-friendly small hydro projects.” *Id.*

Generation Conservation (Line 10). This category includes the cost of conservation programs including Marketing Development, which are reimbursable contracts with equal and offsetting revenues; Market Transformation; Legacy Conservation programs; Technology Leadership; and Low-Income Weatherization. *Id.*

Power Non-Generation Operations (Line 11). This category reflects Power Services’ internal costs associated with supporting the power function. It includes the costs of activities such as generation oversight, weather and stream flow forecasting, system operations planning, schedule planning, pre-scheduling, after-the-fact accounting of power transactions, power billing, customer account executives and customer service support staff, development and administration of power sales contracts, PS strategy development, PS financial reporting, analysis and budgeting, risk management, and PS human resources management. *Id.*

PS Transmission Acquisition and Ancillary Services (Line 12). This category includes the annual expenses associated with Power Services’ Transmission Acquisition program. It represents costs associated with services necessary to deliver energy from resources to markets or loads. This includes transmission, ancillary services, and real power losses, as purchased from BPA’s Transmission Services business unit (TS) or non-Federal entities; TS embedded costs for the facilities that integrate power from Corps and Reclamation projects onto the transmission system; and metering and communication requirements. *Id.*

F&W/USF&W/Planning Council/Environmental Requirements (Line 13). BPA funds projects that are designed to protect, mitigate and enhance fish and wildlife affected by the FCRPS in a manner consistent with the NPCC Columbia River Basin Fish and Wildlife Program, and to implement commitments made pursuant to Biological Opinions (BiOps) issued by NOAA Fisheries and the U.S. Fish and Wildlife Service regarding species listed under the Endangered Species Act. This line item includes the expense portion of BPA’s Fish and Wildlife direct program, including staff costs and operating expenses of fish and wildlife activities. These activities include measures to implement the fish and wildlife mitigation consistent with the NPCC Fish and Wildlife Program as well BiOps issued by the NOAA Fisheries for listed salmon and steelhead and the U.S. Fish and Wildlife Service for listed bull trout and sturgeon. *Id.*

General and Administrative/Shared Services (Line 14). This category represents the portion of BPA’s Corporate General and Administrative costs, which are allocated to the business lines. Major functions besides the Executive Office are Corporate Communication, Finance, Diversity, and Safety. This category includes costs for the Civil Service Retirement

System (CSRS) expense; information technology services; infrastructure and maintenance; building rent, maintenance and security; mail services; personnel services; library and printing services; internal training; purchasing; and furniture. CSRS reflects the costs for the unfunded liability of the Civil Service Retirement and Disability Fund, the Employees Health Benefit Fund, and the Employees Life Insurance Fund. *Id.*

Other Income, Expenses, and Adjustments (Line 15). This category would include costs for items that do not fit in any other category. *Id.*

Depreciation (Line 16). FERC defines depreciation as “the loss in service value” that can be caused by “wear and tear, decay, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand and requirements of public authorities.” 18 C.F.R. § 101; Federal Power Commission Order No. 218, 25 Fed. Reg. 3 5,014, 5,029 (June 7, 1960). BPA generation assets are generally depreciated as a group using the straight-line method with different service lives assumed for the various classes of assets. *Id.*, Chapter 4.

Amortization (Line 17). Amortization is the annual capital recovery expense associated with two classes of assets. One is non-revenue-producing Federal assets, e.g. legacy energy efficiency investments and fish & wildlife investments. The other encompasses the amortization of non-Federal assets. This includes Energy Northwest’s Columbia Generating Station (CGS) and terminated projects 1 and 3 and Lewis County’s Cowlitz Falls facility. *Id.*

Accretion (Line 18). Accretion is the annual reduction in the asset retirement liability for the Columbia Generation Station. *Id.*

Total Operating Expenses (Line 19). Total Operating Expenses is the sum of the above expenses (Lines 2 through 18).

Interest on Appropriated Funds (Line 23). Interest on Appropriated Funds includes interest on Corps and Reclamation appropriations, as calculated in the generation repayment studies. *Id.*, Chapters 4 and 6. *Id.*, Chapter 3.

Capitalization Adjustment (Line 24). Implementation of the Refinancing Act entailed a change in capitalization on BPA’s financial statements. Outstanding appropriations were reduced as a result of the refinancing by \$2,142 million in the generation function. The reduction is recognized annually over the remaining repayment period of the refinanced appropriations. The annual recognition of this adjustment is based on the increase in annual interest expense resulting from implementation of the Refinancing Act, as shown in repayment studies for the year of the refinancing transaction (1997). The capitalization adjustment is included on the income statement as a non-cash contra-expense. *Id.*

Interest on Bonds Issued to U.S. Treasury (Line 25). Interest on long-term debt includes interest on bonds that BPA issues to the U.S. Treasury to fund investments in capital equipment, conservation, and fish and wildlife, and to fund Reclamation and Corps investments under the Energy Policy Act of 1992 (EPA-92) (P.L. No. 102-486, 1992 U.S.

Code Cong. & Admin. News, 106 Stat. 2776). The interest expense is calculated in the generation repayment studies. *Id.*

Premiums/Discounts (Line 26). When a bond repaid earlier than its maturity date, the transaction may incur a premium or discount which maybe recognized in the year of the repayment.

Non-Federal Interest (Line 27). This line recognizes the interest component of the annual credits associated with the prepay program. *Id.* It also includes the interest on non-Federal debt. *Id.* at Chapter 8.

Amortization of Non-Federal Premiums/Discounts (Line 28). This line recognizes the straight-line amortization of any premiums or discounts incurred on non-Federal bond refinancings. *Id.*

Amortization of Cost of Issuance (Line 29). This line recognizes the straight-line amortization of the cost of issuance associated with non-Federal bond refinancings. *Id.*

Allowance for Funds Used During Construction (AFUDC) (Line 30). AFUDC is a credit against interest costs on long-term debt (Line 25). This reduction to gross interest reflects an estimate of interest on the funds used during the construction period of facilities that have yet to be placed in service. AFUDC is capitalized along with other construction costs and is recovered through rates over the expected service life of the related plant as part of the depreciation expense after the facilities are placed in service. AFUDC, which is calculated outside the generation repayment studies, is associated with the Corps and Reclamation capital investments direct-funded by BPA, and BPA capital equipment. *Id.* at Chapter 3.

Interest Credit on Cash Reserves (Line 31). An interest income credit is also computed on the projected year-end cash balance in the BPA fund attributable to Power Services that carries over into the next year. Also included is an interest income credit calculated in the generation repayment studies on funds to be collected during each year for payments of Federal interest and amortization at the end of the fiscal year. Interest income is credited against bond interest. *Id.*, Chapter 5.

Interest Income on Decommissioning Trust (Line 32). Interest is earned on the CGS decommissioning trust. Beginning in FY 2020, BPA will begin recording this interest income on the income statement *Id.*, Chapter 5.

Irrigation Assistance (Line 33). Beginning in FY 2024, BPA began recording Irrigation Assistance as an expense. Previously it had been a balance sheet transfer and appeared only on the Statement of Cash Flows. Irrigation Assistance represents the payment of appropriated capital construction costs of Reclamation irrigation facilities that have been determined to be beyond the ability of the irrigators to pay and allocated to generation revenues for repayment. *Id.*, Chapter 9.

Other Income(Net) (Line 34). Beginning in FY 2020, BPA will begin recording the realized gains and losses on the CGS decommissioning trust. *Id.*, Chapter 5.

Total Other Expense and (Income) (Line 35). This is the sum of lines 23 through 33.

Total Expenses (Line 37). Total Expenses are the sum of Total Operating Expenses (Line 19) and Total Other Expense and (Income) (Line 34).

Minimum Required Net Revenues (Line 39). MRNR, an input from Line 2 of the Statement of Cash Flows (Table 1B), may be necessary to cover cash requirements in excess of accrued expenses.

Planned Net Revenues for Risk (PNRR) (Line 40). PNRR are the amount of net revenues to be included in rates for financial risk mitigation. PNRR, starting reserves, the cash-flow when non-cash expenses exceed cash payments, the CRAC, and other risk mitigation tools are available to mitigate risk, as discussed in the Power and Transmission Risk Study, BP-26-E-BPA-05, § 4.2.2.2.

Planned Net Revenues, Total (Line 41). Planned Net Revenues is the sum of lines 38 and 39.

Total Revenue Requirement (Line 43). Total Revenue Requirement is the sum of Total Expenses (Line 36) and Total Planned Net Revenues (Line 40).

1.3 Statement of Cash Flows

Below is a line-by-line description of each of the components in the Table 1B, Statement of Cash Flows.

Minimum Required Net Revenues (Line 2). Determination of this line is a result of annual cash inflows and outflows shown on the Statement of Cash Flows. MRNR may be necessary so that the cash provided from operating activities will be sufficient to cover the planned amortization and irrigation assistance payments without causing the Annual Increase (Decrease) in Cash (Line 28) to be negative. The MRNR amount determined in the Statement of Cash Flows is incorporated in the Income Statement (Line 38).

Non-Federal Interest (Line 4). The interest component of the prepay credits is a non-cash item.

Depreciation and Amortization (Line 5). Depreciation and Amortization are from the Income Statement (Table 1A), lines 17 and 18 respectively. They are included in computing Cash Provided By Operating Activities (Line 14) because they are non-cash expenses of the FCRPS.

Accretion (Line 6). Accretion represents the annual change in the asset retirement obligation for the Columbia Generation Station.

Non-Cash Expenses (Line 7). This is the sum of two lines on Table 1A, Interest Income on the Decommissioning Trust (line 32) and Other Expense and (Income) (line 33). Both are credited to the trust fund and never affect the Bonneville Fund. This line also includes a portion of the non-Federal interest expense from Table 1A, line 27.

Capitalization Adjustment (Line 7). Capitalization Adjustment is from the Income Statement (Table 1A, Line 24). It is a non-cash contra-expense.

Non-Cash Revenues (Line 9). These revenues are associated with the credits of the prepay program. The annual non-cash revenues, which are part of the total revenues recovering the FCRPS revenue requirement, are included here as an adjustment to cash from current operations.

Amortization of Settlements (Line 10). This represents the annual amortization of the total forecast payments for the Phase Two Implementation Plan settlement. This amortization is included in the Income Statement (Table 1A), line 4, Operating Generation Settlement Payments.

Amortization of Non-Federal Premiums/Discounts (Line 11). Amortization of the premiums and discounts is from the Income Statement (Table 1A), line 28.

Amortization of Cost of Issuance (Line 12). The amortization is from the Income Statement (Table 1A), line 29.

Cash Contribution to Decommissioning Trust (Line 13). Prior to FY 2020, contributions to the CGS decommissioning trust was included on the income statement as part of the CGS O&M component of Operating Generation Resources. Beginning with FY 2020, the contributions will no longer appear on the income statement. They will be treated as a balance sheet transaction as a cash contribution to the trust.

Payments for Litigation Stay Agreements (Line 14). This represents cash payments made to parties to the Phase Two Implementation Plan litigation stay agreement. These payments a cash-only balance sheet transaction and are not included on the income statement.

Cash Provided By Operating Activities (Line 15). Cash Provided By Current Operations, the sum of Lines 2 through 14, is available for the year to satisfy cash requirements.

Investment in Federal Utility Plant (Including AFUDC) (Line 19). Investment in Utility Plant represents the annual increase in additions to appropriated plant-in-service and to capital expenditures for COE, Reclamation, and BPA construction work-in-progress funded by bonds

Investment in Fish and Wildlife (Line 20). Investment in Fish and Wildlife represents the annual increase in BPA's capital expenditures to fund projects for the protection, mitigation, and enhancement of fish and wildlife affected by the FCRPS in a manner

consistent with the NPCC's Columbia River Basin Fish and Wildlife Program and the BiOp issued by NMFS and USFWS.

Cash Used for Investment Activities (Line 21). Cash Used for Investment Activities is the sum of Lines 19 through 21.

Increase in Treasury Borrowings (Line 24). This category reflects the new bonds issued by BPA to the U.S. Treasury to fund capital equipment, conservation, and fish and wildlife capital programs and to direct-fund Reclamation and COE investments under the EPA-92 in the fiscal year, excluding deferred borrowing. *Id.*, Chapter 7.

Repayment of Treasury Borrowings (Line 25). This is BPA's planned repayment of outstanding bonds issued by BPA to the U.S. Treasury as determined in the generation repayment studies. *Id.*, Chapter 6.

Increase in Federal Construction Appropriations (Line 26). Increase in Congressional appropriations transferred to BPA used for the Columbia River Fish Mitigation Project. *Id.*, Chapter 4.

Repayment of Federal Construction Appropriations (Line 27). Repayment of Capital Appropriations represents projected amortization of outstanding COE and Reclamation appropriations as determined in the generation repayment studies. *Id.*, Chapter 6.

Repayment of Non-Federal Obligations (Line 28). This represents the principal repayment of the non-Federal debt including short-term lines of credit issued in the prior year.

Cash Provided by Borrowing and Appropriations (Line 29). Cash Provided by Borrowing and Appropriations is the sum of Lines 24 through 28. This is the net cash-flow resulting from increases in cash from new long-term debt and capital appropriations and decreases in cash from repayment of long-term debt and capital appropriations.

Annual Increase (Decrease) in Cash (Line 31). Annual Increase (Decrease) in Cash is the sum of Lines 15, 21, and 29 and reflects the annual net cash-flow from current operations and investing and financing activities. Revenue requirements are set to meet all projected annual cash-flow requirements, as included on the Statement of Cash Flows. A decrease shown in this line would indicate that annual revenues would be insufficient to cover the year's cash requirements. In such cases, Minimum Required Net Revenues are included to offset such decrease.

Planned Net Revenues for Risk (PNRR) (Line 33). PNRR reflects the amounts included in revenue requirements to meet BPA's risk mitigation objectives from Table 1A, Line 40.

Total Annual Increase (Decrease) in Cash (Line 35). Total Annual Increase (Decrease) in Cash is the sum of Lines 31 and 33. It is the total annual cash that is projected to be available to add to BPA's cash reserves.

1.4 Calculation of Minimum Required Net Revenues

Table 1C, Calculation of Minimum Required Net Revenues, uses categories and data from the Statement of Cash Flows, Table 1B, to more clearly identify how minimum required net revenues is calculated.

1.5 Calculation of Minimum Required Net Revenues

Table 1D, Operating Year Income Statement, displays the revenue requirement in the format used for BPA's operating year financial statements. The intention is to transition revenue requirement income statements to this format during the Provider of Choice contract period.

Table 1A

**GENERATION REVENUE REQUIREMENT
INCOME STATEMENT
(\$000s)**

	<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
1 OPERATING EXPENSES			
2 POWER SYSTEM GENERATION RESOURCES			
3 OPERATING GENERATION RESOURCES	887,809	984,929	968,062
4 OPERATING GENERATION SETTLEMENT PAYMENTS	48,626	49,387	50,172
5 NON-OPERATING GENERATION	2,700	2,760	2,822
6 CONTRACTED POWER PURCHASES	423,533	412,768	453,132
7 AUGMENTATION POWER PURCHASES	7,021	17,440	20,974
8 EXCHANGES & SETTLEMENTS	287,132	287,150	287,959
9 RENEWABLE GENERATION	24,112	12,412	2,212
10 GENERATION CONSERVATION	119,333	119,382	140,515
11 POWER NON-GENERATION OPERATIONS	83,470	88,072	90,562
12 PS TRANSMISSION ACQUISITION AND ANCILLARY SERVICES	204,762	208,207	213,554
13 F&W/USF&W/PLANNING COUNCIL	339,704	347,141	356,288
14 GENERAL AND ADMINISTRATIVE/SHARED SERVICES	158,328	169,880	176,550
15 OTHER INCOME, EXPENSES AND ADJUSTMENTS	-	-	-
16 DEPRECIATION	148,559	152,451	156,446
17 AMORTIZATION	334,392	358,406	383,068
18 ACCRETION	42,607	44,438	46,350
19 TOTAL OPERATING EXPENSES	3,112,088	3,254,824	3,348,667
20			
21 INTEREST EXPENSE AND OTHER INCOME, NET			
22 INTEREST			
23 APPROPRIATED FUNDS	28,017	29,942	30,111
24 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)	(45,937)
25 BONDS ISSUED TO U.S. TREASURY	40,700	34,573	32,879
26 BOND PREMIUMS/DISCOUNTS	-	-	-
27 NON-FEDERAL INTEREST	255,280	256,986	256,323
28 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(42,053)	(44,109)	(45,757)
29 AMORTIZATION OF COST OF ISSUANCE	208	308	408
30 ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION	(20,002)	(20,295)	(20,498)
31 INTEREST CREDIT ON CASH RESERVES	(20,340)	(18,772)	(19,201)
32 INTEREST INCOME ON DECOMMISSIONING TRUST	(16,849)	(17,824)	(18,855)
33 IRRIGATION ASSISTANCE	20,662	6,370	11,634
34 OTHER INCOME (NET)	-	-	-
35 TOTAL OTHER EXPENSE AND (INCOME)	199,685	181,241	181,106
36			
37 TOTAL EXPENSES	3,311,773	3,436,066	3,529,773
38			
39 MINIMUM REQUIRED NET REVENUE 1/	130,583	117,276	232,024
40 PLANNED NET REVENUE FOR RISK	-	-	-
41 PLANNED NET REVENUE, TOTAL (38+39)	130,583	117,276	232,024
42			
43 TOTAL REVENUE REQUIREMENT	3,442,356	3,553,341	3,761,798

1/ See note on Statement of Cash Flows

Table 1B

**GENERATION REVENUE REQUIREMENT
STATEMENT OF CASH FLOWS
(\$000s)**

	<u>A</u>	<u>B</u>	<u>C</u>
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 CASH FROM OPERATING ACTIVITIES			
2 MINIMUM REQUIRED NET REVENUE 1/	130,583	117,276	232,024
3 NON-CASH ITEMS:			
4 NON-FEDERAL INTEREST	3,329	2,064	740
5 DEPRECIATION AND AMORTIZATION	482,951	510,857	539,514
6 ACCRETION	42,607	44,438	46,350
7 NON-CASH EXPENSES	(16,849)	(17,824)	(18,855)
8 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)	(45,937)
9 NON-CASH REVENUES	(30,600)	(30,600)	(30,600)
10 AMORTIZATION OF SETTLEMENTS	14,222	14,222	14,222
11 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(42,053)	(44,109)	(45,757)
12 AMORTIZATION OF COST OF ISSUANCE	208	308	408
13 CASH CONTRIBUTION TO DECOMMISSIONING TRUST FUNDS	<u>(15,700)</u>	<u>(16,300)</u>	<u>(17,000)</u>
14 PAYMENTS FOR LITIGATION STAY AGREEMENTS	(10,600)	(10,843)	(11,079)
15 CASH PROVIDED BY OPERATING ACTIVITIES	512,161	523,551	664,030
16			
17 CASH FROM INVESTMENT ACTIVITIES			
18 INVESTMENT IN:			
19 UTILITY PLANT (INCLUDING AFUDC)	(388,795)	(345,159)	(350,283)
20 FISH & WILDLIFE	<u>(37,930)</u>	<u>(66,988)</u>	<u>(64,094)</u>
21 CASH USED FOR INVESTMENT ACTIVITIES	(426,725)	(412,147)	(414,377)
22			
23 CASH FROM BORROWING AND APPROPRIATIONS:			
24 INCREASE IN BONDS ISSUED TO U.S. TREASURY	336,201	364,443	365,698
25 REPAYMENT OF BONDS ISSUED TO U.S. TREASURY	(437,000)	(441,000)	(178,300)
26 INCREASE IN FEDERAL CONSTRUCTION APPROPRIATIONS	51,524	4,704	4,679
27 REPAYMENT OF FEDERAL CONSTRUCTION APPROPRIATIONS	-	-	(406,699)
28 REPAYMENT OF NON-FEDERAL OBLIGATIONS	<u>(36,161)</u>	<u>(39,551)</u>	<u>(35,031)</u>
29 CASH PROVIDED BY BORROWING AND APPROPRIATIONS	(85,436)	(111,405)	(249,654)
30			
31 ANNUAL INCREASE (DECREASE) IN CASH	-	-	-
32			
33 PLANNED NET REVENUE FOR RISK	-	-	-
34			
35 TOTAL ANNUAL INCREASE (DECREASE) IN CASH	-	-	-

1/ Line 35 must be greater than or equal to zero to indicate that cash cost recovery requirements are being achieved. If not, net revenues (MRNR) are added so that net cash flows for the year (Line 31) are zero.

Table 1C

**CALCULATION OF MINIMUM REQUIRED NET REVENUES
(\$000s)**

	A	B	C
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 SOURCES OF CASH -- CASH FROM OPERATIONS			
2 NON-FEDERAL INTEREST	3,329	2,064	740
3 DEPRECIATION AND AMORTIZATION	482,951	510,857	539,514
4 ACCRETION	42,607	44,438	46,350
5 NON-CASH EXPENSES	(16,849)	(17,824)	(18,855)
6 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)	(45,937)
7 NON-CASH REVENUES	(30,600)	(30,600)	(30,600)
8 AMORTIZATION OF SETTLEMENTS	14,222	14,222	14,222
9 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(42,053)	(44,109)	(45,757)
10 AMORTIZATION OF COST OF ISSUANCE	208	308	408
11 CASH CONTRIBUTION TO DECOMMISSIONING TRUST FUNDS	(15,700)	(16,300)	(17,000)
12 PAYMENTS FOR LITIGATION STAY AGREEMENTS	<u>(10,600)</u>	<u>(10,843)</u>	<u>(11,079)</u>
13 TOTAL SOURCES OF CASH	381,578	406,276	432,006
14			
15 USES OF CASH -- CAPITAL FINANCING & DEBT REPAYMENT			
16 REPAYMENT OF BONDS ISSUED TO U.S. TREASURY	437,000	441,000	178,300
17 REPAYMENT OF FEDERAL CONSTRUCTION APPROPRIATIONS	-	-	406,699
18 REPAYMENT OF NON-FEDERAL OBLIGATIONS	36,161	39,551	35,031
19 REVENUE FINANCING 1/	<u>39,000</u>	<u>43,000</u>	<u>44,000</u>
20 TOTAL USES OF CASH	512,161	523,551	664,030
21			
22 MINIMUM REQUIRED NET REVENUE (line 19 minus line 11)	130,583	117,276	232,024

1/ Equals difference between Table 1B line 21 and the sum of Table 1B lines 24 and 26.

Table 1D

**GENERATION REVENUE REQUIREMENT
OPERATING YEAR INCOME STATEMENT
(\$000s)**

	<u>A</u>	<u>B</u>	<u>C</u>
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 INTEGRATED PROGRAM REVIEW			
2 ASSET MANAGEMENT	1,190,848	1,290,650	1,286,088
3 OPERATIONS	147,430	137,547	129,562
4 COMMERCIAL ACTIVITIES	99,791	103,466	126,157
5 ENTERPRISE SERVICES	144,205	154,515	159,833
6 UNDISTRIBUTED REDUCTION	-	-	-
7 OTHER INCOME, EXPENSES AND ADJUSTMENTS	-	-	-
8 SUB-TOTAL INTEGRATED PROGRAM REVIEW	<u>1,582,274</u>	<u>1,686,179</u>	<u>1,701,640</u>
9			
10 NON-INTEGRATED PROGRAM REVIEW			
11 ASSET MANAGEMENT	81,037	86,996	84,738
12 OPERATIONS	383,801	385,883	388,801
13 COMMERCIAL ACTIVITIES	540,003	540,471	587,624
15 OTHER INCOME, EXPENSES AND ADJUSTMENTS	-	-	-
16 DEPRECIATION	148,559	152,451	156,446
17 AMORTIZATION	334,392	358,406	383,068
18 ACCRETION	<u>42,607</u>	<u>44,438</u>	<u>46,350</u>
SUB-TOTAL NON-INTEGRATED PROGRAM REVIEW	<u>1,530,399</u>	<u>1,568,645</u>	<u>1,647,027</u>
19 TOTAL OPERATING EXPENSES	3,112,673	3,254,824	3,348,667
20			
21 INTEREST EXPENSE AND OTHER INCOME, NET			
22 INTEREST			
23 APPROPRIATED FUNDS	28,017	29,942	30,111
24 CAPITALIZATION ADJUSTMENT	(45,937)	(45,937)	(45,937)
25 BONDS ISSUED TO U.S. TREASURY	40,700	34,573	32,879
26 BOND PREMIUMS/DISCOUNTS	-	-	-
27 NON-FEDERAL INTEREST	255,280	256,986	256,323
28 AMORTIZATION OF NON-FEDERAL PREMIUMS/DISCOUNTS	(42,053)	(44,109)	(45,757)
29 AMORTIZATION OF COST OF ISSUANCE	208	308	408
30 ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION	(20,002)	(20,295)	(20,498)
31 INTEREST CREDIT ON CASH RESERVES	(20,340)	(18,772)	(19,201)
32 INTEREST INCOME ON DECOMMISSIONING TRUST	(16,849)	(17,824)	(18,855)
33 IRRIGATION ASSISTANCE	20,662	6,370	11,634
34 OTHER INCOME (NET)	<u>-</u>	<u>-</u>	<u>-</u>
35 TOTAL OTHER EXPENSE AND (INCOME)	199,685	181,241	181,106
36			
37 TOTAL EXPENSES	3,312,358	3,436,066	3,529,773
38			
39 MINIMUM REQUIRED NET REVENUE	130,583	117,276	232,024
40 PLANNED NET REVENUE FOR RISK	<u>-</u>	<u>-</u>	<u>-</u>
41 PLANNED NET REVENUE, TOTAL (38+39)	130,583	117,276	232,024
42			
TOTAL REVENUE REQUIREMENT	3,442,941	3,553,341	3,761,798

2. COST ANALYSES

2.1 Introduction

This chapter documents the development of the costs necessary for ratemaking from the annual generation revenue requirements. For Cost of Service Analysis (COSA), net interest expense and planned net revenues are assigned to each Federal Columbia River Power System (FCRPS) resource pool according to the necessary level of detail. The interbusiness unit embedded costs, generation inputs to ancillary services, synchronous condensing and Corps and Reclamation transmission, are developed from the COSA data.

Data development for the COSA and interbusiness unit embedded costs are derived from the annual costs identified in Table 1A - Generation Income Statement. For the COSA, net interest expenses and planned net revenues, which are first split between Federal hydro projects and the remainder of generation by the use of equivalent annual costs (defined below). The generation portions are then divided between Fish & Wildlife, Conservation and BPA generation programs based on average net investment. These allocations, in turn, form the basis for the association of net interest expenses and MRNR with the interbusiness unit embedded costs.

2.2 Annual Capital-Related Cost Components of COSA Resource Pools

Equivalent Annual Costs: Equivalent annual costs are used to prorate net interest expense and planned net revenues between Federal Hydro and the remainder of generation. They compensate for the differences in Federal Hydro of a 75-year service life, but a 50-year repayment period, whereas the other capital areas have the same service lives and repayment periods. Consequently, net investment, the typical allocator, is distorted for Hydro. Equivalent annual costs are calculated as levelized principal and interest payments (mortgage basis) using gross plant investment and projected additions. A weighted average interest rate is used for the historical plant and projected interest rates are used for additions. The prorating is based on the sum of all calculated proxy-payments for Corps and Reclamation (Federal Hydro), and BPA plant, BPA fish and wildlife investment and all BPA conservation investments (all other generation). The non-Hydro portion is then allocated based on average net plant investment.

2.3 Interbusiness Unit Embedded Costs

Synchronous Condensing: Capital-related Annual Costs are from identified investment in synchronous condensers: depreciation expense is calculated directly; suballocation of interest and MRNR from Federal Hydro in COSA, based on ratio of synchronous condenser net investment to total COE/Reclamation net plant investment. MRNR is determined from the Revenue Requirement Income Statement as a ratio of MRNR to Planned Net Revenues, Total and is applied to the suballocation from Hydro.

COE and Reclamation Transmission: O&M is estimated for each project based on the average of the last 3 historical years. O&M is functionalized based on the net plant at each project with transmission facilities. Depreciation is estimated as identified in Chapter 4. MRNR is allocated based on the transmission net plant investment identified in Chapter 4 and the ratio of MRNR to total Planned Net Revenues.

Table 2A

Generation Revenue Requirements by Resource Pool
PROGRAM CASE
(\$000s)

FY 2026	A	B	C		D	E	F
	<u>Investment</u>	<u>Net</u>	<u>Net</u>		<u>COE/USBR</u>	<u>All Other</u>	<u>Total</u>
	<u>Base</u>	<u>Interest</u>	<u>Revenues</u>				<u>Generation</u>
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM				Equivalent Annual Costs	400,621	91,525	492,147
3. HYDRO		5,233	106,298	Percent	81%	19%	100%
4. FISH AND WILDLIFE	214,969	1,139	23,121				
5. TROJAN				Net Interest Expense	5,233	1,196	6,429
6. WNP #1							
7. CGS				MRNR	106,298	24,285	130,583
8. WNP #3							
9. SYSTEM AUGMENTATION				PNRR	-	-	-
10. BALANCING POWER PURCHASES							
11. TOTAL FEDERAL BASE SYSTEM	214,969	6,372	129,419				
12. NEW RESOURCES							
13. IDAHO FALLS							
14. COWLITZ FALLS							
15. OTHER LONG-TERM POWER PURCHASES							
16. TOTAL NEW RESOURCES							
17. RESIDENTIAL EXCHANGE							
18. CONSERVATION	1,187	6	128				
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	9,635	51	1,036				
21. WNP #3 PLANT							
22. TOTAL OTHER GENERATION COSTS	9,635	51	1,036				
23. TOTAL GENERATION COSTS	225,791	6,429	130,583				
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES							
26. 3RD PARTY TRANS/ANCILLARY SERVICES							
27. GENERAL TRANSFER AGREEMENTS							
28. TOTAL TRANSMISSION COSTS							
29. TOTAL POWER REVENUE REQUIREMENT		6,429	130,583				

Table 2A

Generation Revenue Requirements by Resource Pool
PROGRAM CASE
(\$000s)

FY 2027

	A	B	C		D	E	F
	<u>Investment</u> <u>Base</u>	<u>Net</u> <u>Interest</u>	<u>Net</u> <u>Revenues</u>		<u>Hydro</u>	<u>All Other</u>	<u>Total</u> <u>Generation</u>
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM				Equivalent Annual Costs	410,090	53,985	464,076
3. HYDRO		(10,652)	103,634	Percent	88%	12%	100%
4. FISH AND WILDLIFE	245,192	(1,361)	13,242				
5. TROJAN				Net Interest Expense	(10,652)	(1,402)	(12,054)
6. WNP #1							
7. CGS				MRNR	103,634	13,642	117,276
8. WNP #3							
9. SYSTEM AUGMENTATION				PNRR	-	-	-
10. BALANCING POWER PURCHASES							
11. TOTAL FEDERAL BASE SYSTEM	245,192	(12,013)	116,876				
12. NEW RESOURCES							
13. IDAHO FALLS							
14. COWLITZ FALLS							
15. OTHER LONG-TERM POWER PURCHASES							
16. TOTAL NEW RESOURCES							
17. RESIDENTIAL EXCHANGE							
18. CONSERVATION	55	-	3				
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	7,346	(41)	397				
21. WNP #3 PLANT							
22. TOTAL OTHER GENERATION COSTS	7,346	(41)	397				
23. TOTAL GENERATION COSTS	252,594	(12,054)	117,276				
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES							
26. 3RD PARTY TRANS/ANCILLARY SERVICES							
27. GENERAL TRANSFER AGREEMENTS							
28. TOTAL TRANSMISSION COSTS							
29. TOTAL PBL REVENUE REQUIREMENT		(12,054)	117,276				

Table 2A

Generation Revenue Requirements by Resource Pool
PROGRAM CASE
(\$000s)

FY 2028

	A	B	C		D	E	F
	<u>Investment</u> <u>Base</u>	<u>Net</u> <u>Interest</u>	<u>Net</u> <u>Revenues</u>		<u>Hydro</u>	<u>All Other</u>	<u>Total</u> <u>Generation</u>
1. GENERATION COSTS							
2. FEDERAL BASE SYSTEM				Equivalent Annual Costs	422,015	48,193	470,207
3. HYDRO		(9,220)	208,243	Percent	90%	10%	100%
4. FISH AND WILDLIFE	214,969	(1,001)	23,278				
5. TROJAN				Net Interest Expense	(9,220)	(1,053)	(10,273)
6. WNP #1							
7. CGS				MRNR	208,243	23,781	232,024
8. WNP #3							
9. SYSTEM AUGMENTATION				PNRR			
10. BALANCING POWER PURCHASES							
11. TOTAL FEDERAL BASE SYSTEM	214,969	(10,221)	231,521				
12. NEW RESOURCES							
13. IDAHO FALLS							
14. COWLITZ FALLS							
15. OTHER LONG-TERM POWER PURCHASES							
16. TOTAL NEW RESOURCES							
17. RESIDENTIAL EXCHANGE							
18. CONSERVATION	0	-	-				
19. OTHER GENERATION COSTS							
20. BPA PROGRAMS	9,318	(52)	503				
21. WNP #3 PLANT							
22. TOTAL OTHER GENERATION COSTS	9,318	(52)	503				
23. TOTAL GENERATION COSTS	224,287	(10,273)	232,024				
24. TRANSMISSION COSTS							
25. TBL TRANSMISSION/ANCILLARY SERVICES							
26. 3RD PARTY TRANS/ANCILLARY SERVICES							
27. GENERAL TRANSFER AGREEMENTS							
28. TOTAL TRANSMISSION COSTS							
29. TOTAL PBL REVENUE REQUIREMENT		(10,273)	232,024				

Table 2B
Equivalent Annual Costs
(\$000s)

	A	B	C	D	E	F	G	H	I	J
	AVG LIFE	COMP PLANT 2026	WT AV INT RATE	2026 EQ ANN COSTS	COMP PLANT 2027	WT AV INT RATE	2027 EQ ANN COSTS	COMP PLANT 2028	WT AV INT RATE	2028 EQ ANN COSTS
1 Corps of Engineers/Bureau of Reclama	50	10,731,862	2.79%	\$400,621	11,114,546	2.73%	\$410,090	11,437,726	2.73%	\$422,015
2 BPA F&W	15	466,028	3.56%	\$40,636	468,946	3.51%	\$40,754	463648.737	0.03513	\$40,294
3 PBL General Plant	8	55,076	3.00%	7,918	59,916	3.85%	8,480	68208.898	0.0385	7,844
4 CONSERVATION	12	484,750	0.96%	<u>42,972</u>	484,750	<u>0.96%</u>	<u>4,751</u>	<u>484,750</u>	0.00%	<u>55</u>
5 Sub-Total				91,525			53,985			48,193
	AVG LIFE	COMP PLANT 2026	Deprec- Amort Expense	AVG LIFE	COMP PLANT 2027	Deprec- Amort Expense	AVG LIFE	COMP PLANT 2028	Deprec- Amort Expense	
6 OFFICE FURNITURE & FIXTURES										
7 DATA PROCESSING EQUIPMENT										
8 DATA PROCESSING SOFTWARE										
9 TOTAL GENERAL PLANT - PBL CONSERVATION	8	55,076	6,957	8	59,916	7,130	11	68,209	6,321	
10 LEGACY										
11 CONAUG										
12 CONSERVATION ACQUISITION	57	484,750	8,450	428	484,750	1,132	8,774	484,750	55	

Table 2C

Functionalization of COE/Reclamation O&M
(\$000s)

	A	B	C	D	E	F			
	Average Investment <u>2026</u>	Percent	O&M <u>2026</u>	Average Investment <u>2027</u>	Percent	O&M <u>2027</u>	Average Investment <u>2028</u>	Percent	O&M <u>2028</u>
1 BOISE									
2 GENERATION		100.00%	7,999		100.00%	8,472		1	8526
3 COLUMBIA BASIN									
4 GENERATION	1,607,008	100.00%	156,792	1,644,501	100.00%	206,763	1689253.705	1	208089.0001
5 TRANSMISSION	-	0.00%	-	-	0.00%	-	-	-	0
6 TOTAL	1,607,008	100.00%	156,792	1,644,501	100.00%	206,763	1689253.71%	100%	208089.0001
7 GREEN SPRINGS									
8 GENERATION		100.00%	2,184		100.00%	2,313		1	2328
9 HUNGRY HORSE									
10 GENERATION	169,619	98.55%	9,950	171,247	98.56%	10,540	173,145	1	10609
11 TRANSMISSION	2,500	1.45%	147	2,500	1.44%	154	2500	0.014233244	153
12 TOTAL	172,119	100.00%	10,097	173,747	100.00%	10,694	175645.1284	1	10762
13 MINIDOKA-PALISADES									
14 GENERATION	193,741	98.43%	14,074	193,714	98.43%	14,905	193,688	98.43%	15,000
15 TRANSMISSION	3,084	1.57%	224	3,084	1.57%	237	3,084	1.57%	239
16 TOTAL	196,825	100.00%	14,298	196,798	100.00%	15,142	196,772	100.00%	15,239
17 YAKIMA									
18 GENERATION		100.00%	3,864		100.00%	4,092		100.00%	-
19 GENERATION 1/			222,386			275,217			273,312
20 TRANSMISSION			371			391			392
21 TOTAL USBR			222,757			275,608			273,704
1/ INCLUDES COLVILLE PAYMENT OF			27,523			28,132			28,760
22 BONNEVILLE									
23 GENERATION	1,330,109	99.80%	32,619	1,348,401	99.80%	35,289	1,360,227	99.80%	38,053
24 TRANSMISSION	2,700	0.20%	66	2,700	0.20%	71	2,700	0.20%	76
25 TOTAL	1,332,809	100.00%	32,685	1,351,101	100.00%	35,360	1,362,927	100.00%	38,129
26 OTHER PROJECTS									
27 CORPS - GENERATION ONLY			259,666			280,916			341,039
28 USF&W (LSRCP)			33,777			34,707			35,669
29 GENERATION			326,062			350,912			376,709
30 TRANSMISSION			66			71			0
31 TOTAL CORPS			326,128			350,983			376,709

Table 2D

**Allocation of Total O&M to Projects for COE and Reclamation
(\$000s)**

		A	B	C	D	E	F	G
		<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>AVERAGE</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1	BOISE	5,327	6,601	6,888	6,272	7,999	8,472	8,526
2	COLUMBIA BASIN	122,362	117,121	129,326	122,936	156,792	166,050	167,115
3	GREEN SPRINGS	1,399	1,265	2,474	1,713	2,184	2,313	2,328
4	HUNGRY HORSE	7,394	8,462	7,895	7,917	10,097	10,694	10,762
5	MINIDOKA	10,708	11,072	11,852	11,211	14,298	15,142	15,239
6	YAKIMA	<u>2,948</u>	<u>2,716</u>	<u>3,426</u>	<u>3,030</u>	<u>3,864</u>	<u>4,092</u>	<u>4,119</u>
7	Total Reclamation	150,138	147,238	161,861	153,079	195,235	206,763	208,089
8								
9	ALBENI FALLS	9,038	8,548	10,689	9,425	11,159	12,072	13,018
10	BONNEVILLE	23,479	28,427	30,911	27,605	32,685	35,360	38,129
11	CHIEF JOSEPH	38,559	28,644	27,852	31,685	37,516	40,586	43,763
12	COUGAR	1,714	2,159	1,814	1,896	2,244	2,428	2,618
13	DETROIT	6,728	6,245	6,119	6,364	7,535	8,152	8,790
14	DWORSHAK	13,476	11,934	12,145	12,518	14,822	16,035	17,290
15	GREEN-PETER	4,679	5,535	5,228	5,147	6,095	6,593	7,110
16	HILLS CREEK	1,180	1,241	1,439	1,287	1,523	1,648	1,777
17	ICE HARBOR	10,431	11,309	10,791	10,844	12,839	13,890	14,977
18	JOHN DAY	32,292	32,131	31,686	32,036	37,931	41,036	44,249
19	LIBBY	9,111	10,438	11,553	10,367	12,275	13,280	14,319
20	LITTLE GOOSE	11,981	13,519	13,255	12,918	15,295	16,547	17,843
21	LOOKOUT POINT	7,294	6,001	7,526	6,940	8,218	8,890	9,586
22	LOST CREEK	2,588	2,652	2,641	2,627	3,110	3,365	3,628
23	LOWER GRANITE	14,392	15,311	16,587	15,430	18,269	19,765	21,312
24	LOWER MONUMENTAL	11,327	12,011	13,631	12,323	14,590	15,784	17,020
25	MCNARY	22,157	23,239	27,598	24,331	28,808	31,166	33,606
26	THE DALLES	<u>23,237</u>	<u>22,608</u>	<u>23,669</u>	<u>23,171</u>	<u>27,435</u>	<u>29,680</u>	<u>32,004</u>
27	Total USACE	243,663	241,951	255,135	246,916	292,351	316,276	341,040

Table 2E

**Synchronous Condensers
Net Plant Calculation
(\$000s)**

	A	B	C	D	E	F	G
			Plant- in- Service		Cummulative Depreciation		
	Life	Project	1999	Annual Deprec	2026	2027	2028
1	75.0	John Day	3,956	53	1,431	1,484	1,537
2	75.0	The Dalles	<u>3,753</u>	<u>50</u>	<u>1,350</u>	<u>1,400</u>	<u>1,450</u>
3			7,709	103	2,781	2,884	2,987
4			Net Plant Investment		4,928	4,825	4,722

Table 2F**Determination of Synchronous Condensor Annual Costs
(\$000s)**

	<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
1 Synchronous Condensers Net Plant	4,980	4,877	4,774
2 Total Corps/Bureau Average Net Plant	6,332,757	6,332,757	6,332,757
3 percent	0.079%	0.077%	0.075%
4 Corps/Bureau Net Interest	1,785	(14,799)	(11,919)
5 Sync Cond Net Interest	1	(11)	(9)
6 Corps/Bureau MRNR	104,030	99,440	186,722
7 Sync Cond MRNR	82	77	141
8 Sync Cond Depreciation	<u>103</u>	<u>103</u>	<u>103</u>
9 Total Sync Cond Costs	186	169	235

Table 2G

COE/BOR Transmission Costs
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L
										Annual	Annual	Annual
										Average	Average	Average
	<u>Total</u>	<u>Network</u>	<u>Utility</u>	<u>Total</u>	<u>Network</u>	<u>Utility</u>	<u>Total</u>	<u>Network</u>	<u>Utility</u>	<u>Total</u>	<u>Network</u>	<u>Utility</u>
	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 O&M	9,686	9,371	315	10,414	10,074	339	2,422	2,356	67	7,507	7,267	241
2 Depreciation	110	110	0	110	110	0	110	110	0	110	110	0
3 Interest Expense	1	1	0	(12)	(12)	-	187	187	0	59	59	0
4 MRNR	<u>19</u>	<u>19</u>	<u>0</u>	<u>10</u>	<u>10</u>	<u>0</u>	<u>30</u>	<u>30</u>	<u>0</u>	<u>20</u>	<u>20</u>	<u>0</u>
5 Total COE/BOR Trans Costs	9,816	9,501	315	10,522	10,183	339	2,750	2,683	67	7,696	7,456	241
6												
7 Average Net Transmission Plant	5,224	5,224	0	5,073	5,073	0	4,962	4,962	0			
8 Total Hydro Projects Average Net Plant	6,268,277			6,436,381			6,626,520					
9 percent Transmission	0.08%			0.08%			0.07%					
10												
11 Revenue Requirement MRNR	127,877			112,647			227,023					
12 Revenue Requirement Total PNR	127,877			112,647			227,023					
13 percent MRNR	100%			100%			100%					
14 Revenue Requirement PNRR	-			-			-					
15 percent PNRR	0%			0%			0%					
16												
17												
18	2026	2027	2028									
19 Grand Coulee O&M w/o Transfer	9,249	11,942	11,725									
20 Transfer yard 1, mid-yr FY27	-	(1,990)	(3,908)									
21 Transfer yard 2, start of FY28	-	-	(3,908)									
22 Transfer yard 2, middle of FY28	<u>-</u>	<u>-</u>	<u>(1,954)</u>									
23 Adjusted O&M	9,249	9,952	1,954									
24												
25 Network allocation	8,934	9,612	1,888									
26 Delivery allocation	315	339	67									
27												
28 Allocation factors based on segmented plant prior to transfer												
29 Network	99,812	97%										
30 Delivery	<u>3,525</u>	3%										
31 Total	103,337											

Table 2H

**Corps/Bureau Transmission Plant, Investment, & Depreciation
(\$000s)**

		A	B	C	D	E	F	G	H	I	J	K	L
		2026	2026	2026	2026	2027	2027	2027	2027	2028	2028	2028	2028
		GROSS	DEPREC	O&M	AVG NET	GROSS	DEPREC	O&M	AVG NET	GROSS	DEPREC	O&M	AVG NET
		PLANT	EXP		PLANT	PLANT	EXP		PLANT	PLANT	EXP		PLANT
1	Bureau of Reclamation												
2	COLUMBIA BASIN												
3	Network	-	-	8,934	-	-	-	9,612	-	-	-	1,888	-
4	Delivery	-	-	315	-	-	-	339	-	-	-	67	-
5	TOTAL	-	-	9,249	-	-	-	9,952	-	-	-	1,954	-
6	HUNGRY HORSE												
7	Network	2,500	33	147	1,377	2,500	33	154	1,343	2,500	33	153	1,310
8	MINIDOKA-PALISADES												
9	Network	3,084	41	224	2,401	3,084	41	237	2,319	3,084	41	239	2,278
10	Delivery	-	-	-	-	-	-	-	-	-	-	-	-
11	TOTAL	3,084	41	224	2,401	3,084	41	237	2,319	3,084	41	239	2,278
12	Corps of Engineers												
13	BONNEVILLE												
14	Network	2,700	36	66	1,446	-	36	71	1,410	-	36	76	1,374
15	TOTAL TRANSMISSION												
16	Network	8,284	110	9,371	5,224	5,584	110	10,074	5,073	5,584	110	2,356	4,962
17	Delivery	-	-	315	-	-	-	339	-	-	-	67	-
18	TOTAL	8,284	110	9,686	5,224	5,584	110	10,414	5,073	5,584	110	2,422	4,962

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3. GENERATION EXPENSES

3.1 Introduction

This chapter compiles the expenses that are the basis for cost recovery in determination of generation revenue requirements for the rate approval period and the outyears.

3.2 Expenses

Table 3A displays the expenses used in the revenue requirement income statement and statement of cash flows of the Study. Revenue Requirement Study, BP-26-FS-BPA-02, Tables 4 and 5.

O&M program expenses are from the Integrated Program Review with revisions. *Id.* Federal Projects Depreciation calculations are found in Chapter 4 of this document. Interest expense is summarized here from the results of the annual generation repayment studies. The calculation of AFUDC is also shown in this chapter.

Corps and Reclamation O&M must be functionalized between generation and the transmission component that will be included in transmission rates.

Depreciation and amortization expense, calculated using the straight-line method, is functionalized according to the associated investment used in the calculations as identified in Chapter 4 of this document.

3.3 Debt-to-Asset Ratio

The debt to asset ratio is calculated using data from repayment study inputs and outputs in Chapters 7, 8, and 11 through 13 as well as the depreciation forecasts in Chapter 4.

Table 3A

**Power Services Program Expense Forecast
(\$000s)**

	A	B	C
	2026	2027	2028
1 Power System Generation Resources			
2 Operating Generation			
3 COLUMBIA GENERATING STATION	348,985	413,666	380,974
4 BUREAU OF RECLAMATION	195,235	206,763	208,089
5 CORPS OF ENGINEERS	300,597	315,949	333,121
6 CRFM STUDIES	12,510	12,914	13,329
7 LONG-TERM CONTRACT GENERATING PROJECTS	<u>30,482</u>	<u>35,637</u>	<u>32,550</u>
8 Sub-Total	887,809	984,929	968,062
9 Operating Generation Settlements and Other Payments			
10 COLVILLE GENERATION SETTLEMENT	27,523	28,132	28,760
11 SPOKANE LEGISLATION PAYMENT	6,881	7,033	7,190
12 AMORTIZATION -- P2IP	<u>14,222</u>	<u>14,222</u>	<u>14,222</u>
13 Sub-Total	48,626	49,387	50,172
14 Non-Operating Generation			
15 TROJAN DECOMMISSIONING	1,300	1,329	1,359
16 WNP-1&3 DECOMMISSIONING	<u>1,400</u>	<u>1,431</u>	<u>1,463</u>
17 Sub-Total	2,700	2,760	2,822
18 Gross Contracted Power Purchases (excluding bookout adjustments) <Note 1			
19 DSI MONETIZED POWER SALES	-	-	-
20 PNCA HEADWATER BENEFITS	-	-	-
21 HEDGING/MITIGATION	-	-	-
22 OTHER POWER PURCHASES - (e.g. Short-Term)	104,101	83,251	98,969
23 TIER 2 PURCHASES	<u>319,432</u>	<u>329,517</u>	<u>354,163</u>
24 Sub-Total	423,533	412,768	453,132
25 Bookout Adjustments to Contracted Power Purchases <Note 1	-	-	-
26 Augmentation Power Purchases (includes IOU Load Reduc. and Buy Backs)			
27 AUGMENTATION POWER PURCHASES	7,021	17,440	20,974
28 CONSERVATION AUGMENTATION	<u>-</u>	<u>-</u>	<u>-</u>
29 Sub-Total	7,021	17,440	20,974
30 Exchanges & Settlements			
31 RESIDENTIAL EXCHANGE PROGRAM	287,132	287,150	287,959
32 OTHER SETTLEMENTS	<u>-</u>	<u>-</u>	<u>-</u>
33 Sub-Total	287,132	287,150	287,959
34 Renewable Generation			
35 RENEWABLES	<u>24,112</u>	<u>12,412</u>	<u>2,212</u>
36 Sub-Total	24,112	12,412	2,212
37 Generation Conservation			
38 CONSERVATION INFRASTRUCTURE	32,443	32,492	32,497
39 LEGACY	-	-	-
40 MARKET TRANSFORMATION	15,000	15,000	15,000
41 ENERGY EFFICIENCY DEVELOPMENT	-	-	-
42 LOW INCOME WEATHERIZATION & TRIBAL	6,005	6,005	6,005
43 CONSERVATION ACQUISITION	65,385	65,385	86,513
44 DR & SMART GRID	<u>500</u>	<u>500</u>	<u>500</u>
45 Sub-Total	119,333	119,382	140,515
46 Power System Generation Sub-Total	1,800,266	1,886,228	1,925,849

Table 3A

Power Services Program Expense Forecast
(\$000s)

	A	B	C
	2026	2027	2028
Power Non-Generation Operations			
Power Services System Operations			
INFORMATION TECHNOLOGY			
GENERATION PROJECT COORDINATION	4,501	4,615	4,732
SLICE IMPLEMENTATION	<u>835</u>	<u>863</u>	<u>891</u>
Sub-Total	5,336	5,478	5,623
Power Services Scheduling			
OPERATIONS SCHEDULING	12,028	12,516	13,038
OPERATIONS PLANNING	<u>11,861</u>	<u>12,170</u>	<u>12,499</u>
Sub-Total	23,889	24,686	
Power Services Marketing and Business Support			
POWER R&D	2,156	2,156	2,156
CONSERVATION SUPPORT	9,555	9,869	10,189
POWER GRID MOD	324	351	378
POWER INTERNAL SUPPORT (A)	546	564	583
POWER INTERNAL SUPPORT (C)	12,455	12,950	13,487
POWER INTERNAL SUPPORT (O)	10,322	10,500	10,678
SALES & SUPPORT (C)	10,001	10,381	10,788
SALES & SUPPORT (O)	4,503	4,641	4,779
CONSERVATION SUPPORT COMM	-	-	-
STRATEGIC PROJECTS COMM ACT	4,063	6,080	5,833
STRATEGIC PROJECTS OPS	<u>322</u>	<u>415</u>	<u>531</u>
Sub-Total	54,246	57,907	59,401
Power Non-Generation Operations Sub-Total	83,470	88,072	65,025
Power Services Transmission Acquisition and Ancillary Services			
PBL Transmission Acquisition and Ancillary Services			
POWER SERVICES TRANSMISSION & ANCILLARY SERVICES	85,957	85,636	87,142
3RD PARTY GTA WHEELING	92,013	94,644	96,736
POWER SERVICES - 3RD PARTY TRANS & ANCILLARY SVCS	3,300	3,300	3,300
GENERATION INTEGRATION	<u>23,492</u>	<u>24,627</u>	<u>26,376</u>
Power Svcs Trans Acquisition and Ancillary Services Sub-Total	204,762	208,207	213,554
Fish and Wildlife/USF&W/Planning Council/Environmental Req			
FISH & WILDLIFE	275,484	282,484	289,505
LOWER SNAKE COMP PLAN HATCHERIES	33,777	34,707	35,669
PLANNING COUNCIL	12,041	11,876	12,052
LONG TERM FUNDING AGREEMENTS	<u>18,403</u>	<u>18,075</u>	<u>19,063</u>
Fish and Wildlife/USF&W/Planning Council Sub-Total	339,704	347,141	356,288
BPA Internal Support			
Additional Post-Retirement Contribution	16,442	17,182	17,927
CORPORATE G&A	106,043	113,986	117,782
COMMERCIAL ACT ENTERPRISE SVCS	7,887	8,670	9,536
ASSET MGMT ENTERPRISE SVCS	811	913	1,025
OPERATIONS ENTERPRISE SVCS	5,425	5,781	6,156
F&W CORPORATE G&A	<u>21,720</u>	<u>23,347</u>	<u>24,124</u>
BPA Internal Support Sub-Total	141,885	152,698	158,623

Table 3A

**Power Services Program Expense Forecast
(\$000s)**

		A	B	C
		2026	2027	2028
97	Bad Debt Expense	-	-	
98	Other Income, Expenses, Adjustments	-	-	
99				
100				
101	Disaggregation of Selected Expenses From Revenue Requirement to RAM Cost Table			
102	RENEWABLES (line 37)	<u>24,112</u>	<u>12,412</u>	<u>2,212</u>
103	Tier 1 Augmentation Resource (i.e. Klondike III)	8,716	10,399	1,942
104	Renewable Generation (excl. Klondike III)	15,396	2,013	
105				
106	POWER R&D (line 60)	<u>2,156</u>	<u>2,156</u>	<u>2,156</u>
107	Renewable R&D	862	862	-
108	Generation Conservation R&D	560	560	560
109	Other Power R&D	733	733	1,595
110				
111	POWER SERVICES TRANSMISSION & ANCILLARY SERVICES (line 76)	<u>85,980</u>	<u>85,659</u>	<u>87,165</u>
112	Transmission & Ancillary Services	53,952	53,631	55,137
113	Transmission & Ancillary Services (sys. oblig.)	32,028	32,028	32,028
114				
115	CORPORATE G&A (line 96 minus line 95)	<u>120,165</u>	<u>129,351</u>	<u>134,499</u>
116	Agency Svs for Power	98,864	106,653	111,162
117	Agency Svs for Energy Efficiency	21,301	22,698	23,337

Table 3B
Depreciation, Amortization, & Accretion Summary
(\$000s)

	<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
1 BPA (Power + CORP GP)	6,957	7,130	6,321
2 Corps 1/ 2/	114,110	117,336	121,522
3 Reclamation	<u>27,492</u>	<u>27,985</u>	<u>28,603</u>
4 Total Depreciation	148,559	152,451	156,446
5			
6 Amortization of Conservation Acquisitions	8,450	1,132	55
7 Amortization of CRFM Intangible Investment	19,891	19,891	19,891
8 Amortization of Fish & Wildlife	<u>31,329</u>	<u>29,964</u>	<u>29,919</u>
9 Total Federal Amortization	59,670	50,986	49,865
10 Columbia Generating Station	198,383	231,081	256,864
11 WNP - 1	32,755	32,755	32,755
12 WNP - 3	37,637	37,637	37,637
13 Cowlitz Falls	5,947	5,947	5,947
14 Total Non-Federal Amortization	274,722	307,420	333,203
15 Total Amortization	334,392	358,406	383,068
16 Accretion of Asset Retirement Obligation	<u>42,607</u>	<u>44,438</u>	<u>46,350</u>
17 Total	525,558	555,296	585,864
1/ Excludes depreciation from investments paid for by BPA-TS	23	23	23
2/ Includes US Fish & Wildlife	3,321	3,321	3,321

Table 3C
Separation of Residential Exchange Program Support Costs
from Power Non-Generating Operations
(\$000s)

	A	B	C
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 PS group budget	1,734	1,788	1842.76
2 X % of Budget for PSRF group	52%	52%	52%
3 PSRF group	902	930	958
4 X % billing to Residential Exchange	30%	30%	30%
5 Residential Exchange Program Support portion	270	279	287
6 + 12% corporate overhead	<u>32</u>	<u>33</u>	<u>34</u>
7 Total Residential Exchange Prgraom Support Costs	303	312	322

Table 3D
Power Services Regulatory Assets
(\$000s)

		<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
1	Terminated Nuclear Facilities	70,392	70,392	70,392
2	REP Refunds	-	-	
3	Columbia River Fish Mitigation Amortization	19,891	19,891	19,891
4	Conservation Measures			
5	Additions	-	-	
6	Amortization	8,450	1,132	55
8	Fish and Wildlife Measures			
9	Additions	32,207	60,187	49,486
10	Amortization	31,329	29,964	29,919
11	Settlements (Colville & Spokane)	34,404	35,165	35,950
13	PSIP Amortization	14,222	14,222	14,222
14	FECA 1/	-	-	-
15	Sponsored Conservation	-	-	-
16	Trojan Decommissioning/Restoration	1,300	1,329	1,359
17	Terminated Hydro Facilities	-	-	-
18	Capitalized Bond Premiums	-	-	-

1/ Not specifically broken out in expenses

Table 3E
Allowance for Funds Used During Construction
(\$000s)

	<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
Direct Funding Projects			
1 Capital Expenditures	305,475	308,973	309,913
2 Plant-in-Service	301,140	312,371	319,887
3 SOY CWIP Balance	579,575	583,910	580,512
4 EOY CWIP Balance	<u>583,910</u>	<u>580,512</u>	<u>570,538</u>
5 Average CWIP Balance	581,742	582,211	575,525
6 AFUDC Rate	3.37%	3.42%	3.47%
7 Total Direct Funding AFUDC	19,605	19,912	19,971
Capital Equipment			
8 Power IT	1,360	1,422	4,578
9 Corporate	<u>10,434</u>	<u>9,765</u>	<u>10,615</u>
10 Total Capital Equipment AFUDC	397	383	527
11 Total PS AFUDC	20,002	20,295	20,498

Table 3F
Prepay Program Cost Components
(\$000s)

	A	B	C	D
		<u>Interest</u>	<u>Principal</u>	<u>Total Credit</u>
1	2013	7,653	7,647	15,300
2	2014	14,775	15,825	30,600
3	2015	14,041	16,559	30,600
4	2016	13,273	17,327	30,600
5	2017	12,469	18,131	30,600
6	2018	11,628	18,972	30,600
7	2019	10,747	19,853	30,600
8	2020	9,826	20,774	30,600
9	2021	8,863	21,737	30,600
10	2022	7,854	22,746	30,600
11	2023	6,799	23,801	30,600
12	2024	5,694	24,906	30,600
13	2025	4,539	26,061	30,600
14	2026	3,329	27,271	30,600
15	2027	2,064	28,536	30,600
16	2028	<u>740</u>	<u>29,860</u>	<u>30,600</u>
17	Total	134,294	340,006	474,300

Table 3G
Agency Services G&A Allocators

A		B	C	D	E	F	G
Allocation		Costs included in the pool	Power	F&W	Transmission expense	Transmission capital	Comments
1	Corporate Executive, Planning & Gov.	Regulatory affairs, executive, CAO management, strategic planning and internal audit.	41.5%	8.5%	29.0%	21.0%	A - Equal Effort
2	Finance	Accounting, budgeting, forecasting, accounts payable, payroll, financial reporting, treasury, rates support, capital management, financial liaisons	41.5%	8.5%	29.0%	21.0%	A - Equal Effort
3	Legal	General counsel	41.5%	8.5%	29.0%	21.0%	A - Equal Effort
4	IT Cross Agency Applications	Customer billing systems, enterprise performance management (EPM), reporting services, data integration	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
5	Public Affairs	Internal and external communications, national relations, regional relations, tribal relations	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
6	Risk Management	Enterprise risk, transaction risk and credit risk management	41.5%	8.5%	29.0%	21.0%	A - Equal Effort
7	Technology Innovation	Technology innovation administration and project management costs	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
8	Metering & Billing	Power and Transmission Services customer billing and metering services	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
9	Forecasting & Contract Management	Contract management and support, load forecasting and analysis	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
10	BTO Portfolio Management	BTO administration and project management costs	41.5%	8.5%	50.0%	0.0%	A - Equal Effort
11	IT Corp Application Assets	IT maintenance of BES/Financials, HRMIS and a number of other IT business systems applications such as SharePoint, customer contracting and DOE hiring.	29.1%	6.0%	65.0%	0.0%	B - Extra Effort
12	Supply Chain Management & Admin	Management and administrative costs for agency purchasing & Transmission contracting and logistics	29.1%	6.0%	65.0%	0.0%	B - Extra Effort
13	Supply Chain Agency Purchasing	Purchasing services for environment, Energy Efficiency, Power, IT and Corporate	29.1%	6.0%	37.7%	27.3%	B - Extra Effort
14	BPA Safety	Field safety, construction safety, medical surveillance, corporate safety	16.6%	3.4%	46.4%	33.6%	C - Labor Hour (FTE and supplemental labor)
15	BPA Security	Physical, personnel and information security, continuity of operations	16.6%	3.4%	46.4%	33.6%	C - Labor Hour (FTE and supplemental labor)
16	IT Infrastructure Assets	Data center storage, Linux, Wintel, security, Desk top/end user computing, LAN, WAN, help desk, and phone services	16.6%	3.4%	46.4%	33.6%	C - Labor Hour (FTE and supplemental labor)
17	Human Resources	HR policy, talent acquisition, employee development, labor relations, staffing and classification, EEO	18.3%	3.7%	45.2%	32.8%	C - Labor Hour (FTE only)
18	Agency Service Awards	Corporate awards	18.3%	3.7%	78.0%	0.0%	C - Labor Hour (FTE only)
19	Workplace Services	including moves and furniture, office equipment & supplies, mail/courier, media services, motor pool, transit and parking	28.2%	5.8%	38.3%	27.7%	D - Workplace Services

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	A Actuals	B	C
DEBT	<u>2024</u>	<u>2025*</u>	<u>2026</u>
1 Starting federal debt	3,247,997	3,316,897	3,169,566
2 Federal debt additions		298,669	377,291
3 Treasury bond repayment		(239,622)	(437,000)
4 Appropriations repayment		(206,378)	-
5 Deferred Borrowing	<u>170,169</u>	<u>-</u>	<u>-</u>
6 Ending federal debt	3,418,166	3,169,566	3,109,857
7			
8 Starting nonfederal debt		5,391,636	5,940,709
9 EN debt additions		609,874	401,819
10 EN bond repayment		(28,630)	(38,135)
11 EN LOC repayment		-	-
12 N. Wasco repayment		-	-
13 Cowlitz Falls repayment		(4,900)	(5,155)
14 Prepay principal repayment		<u>(27,271)</u>	<u>(28,536)</u>
15 Ending nonfederal debt	5,391,636	5,940,709	6,270,702
16			
17 Total Debt	8,809,802	9,110,275	9,380,560
18			
19 ASSETS			
20 Starting gross federal assets	10,546,123	10,342,099	10,732,679
21 Federal plant additions		403,762	371,902
22 Retirements		<u>(13,181)</u>	<u>(13,181)</u>
23 Ending gross federal assets	10,546,123	10,732,679	11,091,400
24			
25 Starting accumulated fed. depreciation	(4,285,282)	(4,199,868)	(4,346,360)
26 Annual federal depreciation		(156,446)	(160,251)
27 Adjustments		9,954	9,954
28 Ending accumulated fed. depreciation	(4,285,282)	<u>(4,346,360)</u>	<u>(4,496,657)</u>
29			
30 Starting gross nonfederal assets	3,410,048	3,410,048	3,692,529
31 Nonfederal plant additions		<u>282,481</u>	<u>609,874</u>
32 Ending gross nonfederal assets 1/	3,410,048	3,692,529	4,302,403
33			
34 Accumulated nonfed amortization	-	-	(177,935)
35 Annual nonfed amortization		<u>(177,935)</u>	<u>(198,383)</u>
36 Ending accumulated nonfederal amort.	-	(177,935)	(376,318)
37			
38			
39 Construction Work in Progress (CWIP)	<u>710,123</u>	<u>710,123</u>	<u>710,123</u>
40 Total Assets	10,381,012	10,611,036	11,230,950
41			
42 Debt to Asset Ratio (Debt/Asset)	84.9%	85.9%	83.5%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to B Transmission.

1/ Net of accumulated amortization for historical year.

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	D	E	F
DEBT	<u>2027</u>	<u>2028</u>	<u>2029</u>
1 Starting federal debt	3,109,857	3,028,239	2,803,002
2 Federal debt additions	359,382	359,762	324,902
3 Treasury bond repayment	(441,000)	(178,300)	(185,056)
4 Appropriations repayment	-	(406,699)	(281,944)
5 Deferred Borrowing	-	-	-
6 Ending federal debt	3,028,239	2,803,002	2,660,903
7			
8 Starting nonfederal debt	6,270,702	6,654,819	6,894,383
9 EN debt additions	441,486	296,320	614,099
10 EN bond repayment	(22,080)	(51,045)	(50,110)
11 EN LOC repayment	-	-	-
12 N. Wasco repayment	-	-	-
13 Cowlitz Falls repayment	(5,430)	(5,710)	(6,010)
14 Prepay principal repayment	(29,860)	-	-
15 Ending nonfederal debt	6,654,819	6,894,383	7,452,362
16			
17 Total Debt	9,683,057	9,697,385	10,113,265
18			
19 ASSETS			
20 Starting gross federal assets	11,091,400	11,688,487	12,053,406
21 Federal plant additions	610,269	378,100	412,869
22 Retirements	(13,181)	(13,181)	(13,181)
23 Ending gross federal assets	11,688,487	12,053,406	12,453,093
24			
25 Starting accumulated fed. depreciation	(4,496,657)	(4,651,476)	(4,810,295)
26 Annual federal depreciation	(164,773)	(168,773)	(172,995)
27 Adjustments	9,954	9,954	9,954
28 Ending accumulated fed. depreciation	(4,651,476)	(4,810,295)	(4,973,336)
29			
30 Starting gross nonfederal assets	4,302,403	4,704,222	5,145,708
31 Nonfederal plant additions	401,819	441,486	296,320
32 Ending gross nonfederal assets 1/	4,704,222	5,145,708	5,442,028
33			
34 Accumulated nonfed amortization	(376,318)	(607,400)	(864,264)
35 Annual nonfed amortization	(231,081)	(256,864)	(283,775)
36 Ending accumulated nonfederal amort.	(607,400)	(864,264)	(1,148,039)
37			
38			
39 Construction Work in Progress (CWIP)	710,123	710,123	710,123
40 Total Assets	11,843,957	12,234,678	12,483,869
41			
42 Debt to Asset Ratio (Debt/Asset)	81.8%	79.3%	81.0%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-
 * FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-Transmission

1/ Net of accumulated amortization for historical year.

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	G	H	I
DEBT	<u>2030</u>	<u>2031</u>	<u>2032</u>
1 Starting federal debt	2,660,903	2,738,172	2,863,898
2 Federal debt additions	571,269	340,100	372,869
3 Treasury bond repayment	(494,000)	(214,374)	(177,659)
4 Appropriations repayment	-	-	-
5 Deferred Borrowing	-	-	-
6 Ending federal debt	<u>2,738,172</u>	<u>2,863,898</u>	<u>3,059,108</u>
7			
8 Starting nonfederal debt	7,452,362	7,448,091	7,413,921
9 EN debt additions	333,919	388,646	217,495
10 EN bond repayment	(331,860)	(409,041)	(480,286)
11 EN LOC repayment	-	-	-
12 N. Wasco repayment	-	-	-
13 Cowlitz Falls repayment	(6,330)	(13,775)	-
14 Prepay principal repayment	-	-	-
15 Ending nonfederal debt	<u>7,448,091</u>	<u>7,413,921</u>	<u>7,151,130</u>
16			
17 Total Debt	10,186,263	10,277,819	10,210,238
18			
19 ASSETS			
20 Starting gross federal assets	12,453,093	12,848,727	13,237,463
21 Federal plant additions	408,815	401,918	402,851
22 Retirements	(13,181)	(13,181)	(13,181)
23 Ending gross federal assets	<u>12,848,727</u>	<u>13,237,463</u>	<u>13,627,133</u>
24			
25 Starting accumulated fed. depreciation	(4,973,336)	(5,140,753)	(5,312,105)
26 Annual federal depreciation	(177,371)	(181,307)	(185,955)
27 Adjustments	9,954	9,954	9,954
28 Ending accumulated fed. depreciation	<u>(5,140,753)</u>	<u>(5,312,105)</u>	<u>(5,488,106)</u>
29			
30 Starting gross nonfederal assets	5,442,028	6,056,126	6,390,045
31 Nonfederal plant additions	<u>614,099</u>	<u>333,919</u>	<u>388,646</u>
32 Ending gross nonfederal assets 1/	6,056,126	6,390,045	6,778,691
33			
34 Accumulated nonfed amortization	(1,148,039)	(1,458,996)	(1,811,529)
35 Annual nonfed amortization	<u>(310,958)</u>	<u>(352,533)</u>	<u>(244,423)</u>
36 Ending accumulated nonfederal amort.	(1,458,996)	(1,811,529)	(2,055,952)
37			
38			
39 Construction Work in Progress (CWIP)	<u>710,123</u>	<u>710,123</u>	<u>710,123</u>
40 Total Assets	13,015,226	13,213,997	13,571,889
41			
42 Debt to Asset Ratio (Debt/Asset)	78.3%	77.8%	75.2%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-Transmission.

1/ Net of accumulated amortization for historical year.

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	J	K	L
DEBT	<u>2033</u>	<u>2034</u>	<u>2035</u>
1 Starting federal debt	3,059,108	3,291,378	3,510,522
2 Federal debt additions	364,815	360,918	362,851
3 Treasury bond repayment	(132,545)	(141,774)	(142,780)
4 Appropriations repayment	-	-	-
5 Deferred Borrowing	-	-	-
6 Ending federal debt	<u>3,291,378</u>	<u>3,510,522</u>	<u>3,730,593</u>
7			
8 Starting nonfederal debt	7,151,130	6,924,011	6,564,944
9 EN debt additions	273,747	148,754	193,668
10 EN bond repayment	(500,866)	(507,822)	(519,454)
11 EN LOC repayment	-	-	-
12 N. Wasco repayment	-	-	-
13 Cowlitz Falls repayment	-	-	-
14 Prepay principal repayment	-	-	-
15 Ending nonfederal debt	<u>6,924,011</u>	<u>6,564,944</u>	<u>6,239,158</u>
16			
17 Total Debt	10,215,389	10,075,466	9,969,751
18			
19 ASSETS			
20 Starting gross federal assets	13,627,133	14,022,933	14,424,789
21 Federal plant additions	408,982	415,037	421,102
22 Retirements	(13,181)	(13,181)	(13,181)
23 Ending gross federal assets	<u>14,022,933</u>	<u>14,424,789</u>	<u>14,832,710</u>
24			
25 Starting accumulated fed. depreciation	(5,488,106)	(5,668,649)	(5,854,098)
26 Annual federal depreciation	(190,497)	(195,403)	(200,424)
27 Adjustments	9,954	9,954	9,954
28 Ending accumulated fed. depreciation	<u>(5,668,649)</u>	<u>(5,854,098)</u>	<u>(6,044,567)</u>
29			
30 Starting gross nonfederal assets	6,778,691	6,996,186	7,269,933
31 Nonfederal plant additions	<u>217,495</u>	<u>273,747</u>	<u>148,754</u>
32 Ending gross nonfederal assets 1/	6,996,186	7,269,933	7,418,687
33			
34 Accumulated nonfed amortization	(2,055,952)	(2,211,261)	(2,374,366)
35 Annual nonfed amortization	<u>(155,309)</u>	<u>(163,106)</u>	<u>(171,514)</u>
36 Ending accumulated nonfederal amort.	(2,211,261)	(2,374,366)	(2,545,880)
37			
38			
39 Construction Work in Progress (CWIP)	<u>710,123</u>	<u>710,123</u>	<u>710,123</u>
40 Total Assets	13,849,333	14,176,380	14,371,072
41			
42 Debt to Asset Ratio (Debt/Asset)	73.8%	71.1%	69.4%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-Transmission.

1/ Net of accumulated amortization for historical year.

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	M	N	O
DEBT	<u>2036</u>	<u>2037</u>	<u>2038</u>
1 Starting federal debt	3,730,593	3,965,939	4,183,583
2 Federal debt additions	367,982	373,037	378,102
3 Treasury bond repayment	(132,636)	(155,393)	(182,116)
4 Appropriations repayment	-	-	-
5 Deferred Borrowing	-	-	-
6 Ending federal debt	<u>3,965,939</u>	<u>4,183,583</u>	<u>4,379,569</u>
7			
8 Starting nonfederal debt	6,239,158	5,876,526	5,522,351
9 EN debt additions	167,363	187,934	120,805
10 EN bond repayment	(529,994)	(542,110)	(554,633)
11 EN LOC repayment	-	-	-
12 N. Wasco repayment	-	-	-
13 Cowlitz Falls repayment	-	-	-
14 Prepay principal repayment	-	-	-
15 Ending nonfederal debt	<u>5,876,526</u>	<u>5,522,351</u>	<u>5,088,523</u>
16			
17 Total Debt	9,842,465	9,705,933	9,468,092
18			
19 ASSETS			
20 Starting gross federal assets	14,832,710	15,246,673	15,667,665
21 Federal plant additions	427,145	434,174	442,225
22 Retirements	(13,181)	(13,181)	(13,181)
23 Ending gross federal assets	<u>15,246,673</u>	<u>15,667,665</u>	<u>16,096,709</u>
24			
25 Starting accumulated fed. depreciation	(6,044,567)	(6,240,170)	(6,441,021)
26 Annual federal depreciation	(205,557)	(210,806)	(216,189)
27 Adjustments	9,954	9,954	9,954
28 Ending accumulated fed. depreciation	<u>(6,240,170)</u>	<u>(6,441,021)</u>	<u>(6,647,256)</u>
29			
30 Starting gross nonfederal assets	7,418,687	7,612,354	7,779,717
31 Nonfederal plant additions	<u>193,668</u>	<u>167,363</u>	<u>187,934</u>
32 Ending gross nonfederal assets 1/	<u>7,612,354</u>	<u>7,779,717</u>	<u>7,967,651</u>
33			
34 Accumulated nonfed amortization	(2,545,880)	(2,723,171)	(2,907,452)
35 Annual nonfed amortization	<u>(177,291)</u>	<u>(184,280)</u>	<u>(190,987)</u>
36 Ending accumulated nonfederal amort.	<u>(2,723,171)</u>	<u>(2,907,452)</u>	<u>(3,098,439)</u>
37			
38			
39 Construction Work in Progress (CWIP)	<u>710,123</u>	<u>710,123</u>	<u>710,123</u>
40 Total Assets	14,605,809	14,809,033	15,028,788
41			
42 Debt to Asset Ratio (Debt/Asset)	67.4%	65.5%	63.0%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-Transmission.

1/ Net of accumulated amortization for historical year.

Table 3H
Debt to Asset Ratio Calculation
(\$000s)

	P	Q
DEBT	<u>2039</u>	<u>2040</u>
1 Starting federal debt	4,379,569	4,585,372
2 Federal debt additions	383,145	389,174
3 Treasury bond repayment	(177,341)	(203,029)
4 Appropriations repayment	-	-
5 Deferred Borrowing	-	-
6 Ending federal debt	<u>4,585,372</u>	<u>4,771,517</u>
7		
8 Starting nonfederal debt	5,088,523	4,714,881
9 EN debt additions	194,728	130,066
10 EN bond repayment	(568,371)	(579,866)
11 EN LOC repayment	-	-
12 N. Wasco repayment	-	-
13 Cowlitz Falls repayment	-	-
14 Prepay principal repayment	-	-
15 Ending nonfederal debt	<u>4,714,881</u>	<u>4,265,081</u>
16		
17 Total Debt	9,300,253	9,036,598
18		
19 ASSETS		
20 Starting gross federal assets	16,096,709	16,533,915
21 Federal plant additions	450,387	458,661
22 Retirements	(13,181)	(13,181)
23 Ending gross federal assets	<u>16,533,915</u>	<u>16,979,395</u>
24		
25 Starting accumulated fed. depreciation	(6,647,256)	(6,859,029)
26 Annual federal depreciation	(221,727)	(227,427)
27 Adjustments	9,954	9,954
28 Ending accumulated fed. depreciation	<u>(6,859,029)</u>	<u>(7,076,502)</u>
29		
30 Starting gross nonfederal assets	7,967,651	8,088,457
31 Nonfederal plant additions	<u>120,805</u>	<u>194,728</u>
32 Ending gross nonfederal assets 1/	8,088,457	8,283,185
33		
34 Accumulated nonfed amortization	(3,098,439)	(3,296,323)
35 Annual nonfed amortization	<u>(197,884)</u>	<u>(203,776)</u>
36 Ending accumulated nonfederal amort.	(3,296,323)	(3,500,098)
37		
38		
39 Construction Work in Progress (CWIP)	<u>710,123</u>	<u>710,123</u>
40 Total Assets	15,177,143	15,396,103
41		
42 Debt to Asset Ratio (Debt/Asset)	61.3%	58.7%

* FY25 adjusted for the ownership transfer of the Grand Coulee switchyards from Reclamation to BPA-Transmission.

1/ Net of accumulated amortization for historical year.

Table 3I
Forecast of Litigation Stay Agreement Payments
(\$000s)

(\$000s)	A 2026	B 2027	C 2028
1 Inflation Rate	2.29%	2.18%	2.23%
2 P2IP Payment	10,600	10,843	11,079

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4. DEPRECIATION, AMORTIZATION, & FCRPS GENERATION INVESTMENT BASE

4.1 Introduction

This chapter documents the development of the FCRPS generation investment base by year for the rate approval period and the outyears. The investment data are the source of depreciation calculations and provide certain inputs to the generation repayment studies. It is also the basis for allocations of net interest expense and planned net revenues in the development of the COSA tables and the generation inputs to ancillary services.

4.2 Methodology

The FCRPS plant investment information is separately compiled for the Corps, Reclamation, and BPA, including BPA conservation and fish and wildlife investments. BPA generation (general) plant investment consists of office furniture and fixtures and data processing software and hardware associated with the Power Business Line, including the Energy Efficiency Group. Historical investment data are taken from the supporting documents of FCRPS financial statements. All plant investment is depreciated and intangible plant is amortized using the straight-line method.

For BPA facilities, forecasted depreciation expense is calculated consistent with the group concept methodology used for plant accounting records. For general plant categories, average service lives incorporate an adjustment for salvage applicable to the individual groups. Both historical investment and forecast additions are depreciated according to their adjusted group life.

BPA conservation acquisition investments made after 2011 are amortized over 12 years. Beginning with 2016, BPA discontinued the capitalization of conservation investments and converted it into an expense program. All other conservation investments will be fully amortized by the end of the BP-26 rate period.

BPA fish and wildlife investments are amortized over 15 years.

Corps and Reclamation investments are depreciated according to the weighted-average service lives of the projects. Depreciation forecasts factor in plant retirements using the 5-year average of plant retirement by project.

Projected investments and projected depreciation expenses are accumulated with historical amounts to provide projected cumulative investments and accumulated depreciation for each forecasted year.

The investment base is calculated for each year of the rate period and outyears as an annual average.

4.3 Non-Federal Amortization

Energy Northwest projects are amortized through December 31, 2043 which is the end of the license of CGS. The amortization of the CGS asset includes plant additions due to continuing capital investments. Cowlitz Falls is amortized over the remaining term of the agreement with BPA.

4.4 Other Regulatory Assets

The Columbia River Fish Mitigation (CRFM) regulatory asset is amortized over 50 years.

4.5 Litigation Stay Settlement Agreements

Although not recorded in the Amortization expense section of the income statement, this chapter includes the amortization of the Phase Two Implementation Plan (P2IP) litigation stay agreement. The P2IP agreement is amortized over 18 years so that it is fully amortized within the life of the settlement agreement.

Table 4A

**FCRPS Federal Investment Base
(\$000s)**

	A	B	C	D	E	F	G
	BALANCE-AS-OF					AVERAGE	
	<u>9/30/2025</u>	<u>9/30/2026</u>	<u>9/30/2027</u>	<u>9/30/2028</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 CORPS OF ENGINEERS							
2 COMPLETED PLANT							
3 HYDROELECTRIC GEN	8,441,752	8,682,245	8,990,958	9,265,358	8,561,998	8,836,601	9,128,158
4 TRANSMISSION	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>	<u>2,700</u>
5 TOTAL COMPLETED PLANT	8,444,452	8,684,945	8,993,658	9,268,058	8,564,698	8,839,301	9,130,858
6 ACCUMULATED DEPRECIATION							
7 HYDROELECTRIC GEN	3,407,518	3,521,615	3,638,938	3,760,447	3,464,566	3,580,276	3,699,692
8 TRANSMISSION	<u>1,218</u>	<u>1,254</u>	<u>1,290</u>	<u>1,326</u>	<u>1,236</u>	<u>1,272</u>	<u>1,308</u>
9 TOTAL ACCUMULATED DEPRECIATION	3,408,736	3,522,869	3,640,228	3,761,773	3,465,802	3,581,548	3,701,000
10 NET COMPLETED PLANT							
11 HYDROELECTRIC GEN	5,034,234	5,160,630	5,352,020	5,504,912	5,097,432	5,256,325	5,428,466
12 TRANSMISSION	<u>1,482</u>	<u>1,446</u>	<u>1,410</u>	<u>1,374</u>	<u>1,464</u>	<u>1,428</u>	<u>1,392</u>
13 TOTAL NET COMPLETED PLANT	5,035,716	5,162,076	5,353,430	5,506,286	5,098,896	5,257,753	5,429,858
14 BUREAU OF RECLAMATION							
15 COMPLETED PLANT							
16 HYDROELECTRIC GEN	2,041,333	2,071,426	2,115,305	2,164,084	2,056,380	2,093,365	2,139,694
17 TRANSMISSION	<u>5,584</u>	<u>5,584</u>	<u>5,584</u>	<u>5,584</u>	<u>5,584</u>	<u>5,584</u>	<u>5,584</u>
18 TOTAL COMPLETED PLANT	2,046,917	2,077,010	2,120,889	2,169,668	2,061,964	2,098,949	2,145,278
19 ACCUMULATED DEPRECIATION							
20 HYDROELECTRIC GEN	877,064	904,482	932,393	960,922	890,773	918,437	946,657
21 TRANSMISSION	<u>1,772</u>	<u>1,847</u>	<u>1,921</u>	<u>1,996</u>	<u>1,810</u>	<u>1,884</u>	<u>1,959</u>
22 TOTAL ACCUM DEPRECIATION	878,836	906,329	934,314	962,918	892,583	920,321	948,616
23 NET COMPLETED PLANT							
24 HYDROELECTRIC GEN	1,164,270	1,166,944	1,182,912	1,203,162	1,165,607	1,174,928	1,193,037
25 TRANSMISSION	<u>3,812</u>	<u>3,737</u>	<u>3,663</u>	<u>3,588</u>	<u>3,774</u>	<u>3,700</u>	<u>3,625</u>
26 TOTAL NET COMPLETED PLANT	1,168,081	1,170,681	1,186,575	1,206,750	1,169,381	1,178,628	1,196,662
27 CONSERVATION							
28 CUMULATIVE INVESTMENT	484,750	484,750	484,750	484,750	484,750	484,750	484,750
29 ACCUM PREPAID EXPENSE	<u>475,113</u>	<u>483,563</u>	<u>484,695</u>	<u>484,750</u>	<u>479,338</u>	<u>484,129</u>	<u>484,722</u>
30 NET CONSERVATION	9,637	1,187	55	0	5,412	621	28
31 FISH AND WILDLIFE							
32 CUMULATIVE INVESTMENT	497,944	466,028	468,946	463,649	481,986	467,487	466,297
33 ACCUM PREPAID EXPENSE	<u>283,853</u>	<u>251,059</u>	<u>223,753</u>	<u>198,889</u>	<u>267,456</u>	<u>237,406</u>	<u>211,321</u>
34 NET FISH AND WILDLIFE	214,091	214,969	245,192	264,759	214,530	230,081	254,976
35 BPA PLANT (PBL)							
36 CUMULATIVE INVESTMENT	50,064	55,076	59,916	68,209	52,570	57,496	64,063
37 ACCUMULATED DEPRECIATION	<u>38,484</u>	<u>45,441</u>	<u>52,570</u>	<u>58,891</u>	<u>41,962</u>	<u>49,005</u>	<u>55,731</u>
38 NET BPA PLANT INVESTMENT	11,580	9,635	7,346	9,318	10,608	8,491	8,332
39 TOTAL NET PLANT INVESTMENT	6,439,106	6,558,548	6,792,598	6,987,113	6,498,827	6,675,574	6,889,856

Table 4B
(\$000s)

FERC ACCOUNT 391.2
DATA PROCESSING EQUIPMENT
ASL, Remaining Life, Annual Percent=20%

A	B	C	D
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 INVEST	-	-	-
2 FIRST YEAR	-	-	-
3 FULL YEAR	-	-	-
4 ANNUAL DEPR	834	-	-
5 ACCUM DEPR	12,455	12,455	12,455
6 CUMUL INVEST	12,214	12,214	12,214
7 NET INVEST	-	-	-

Table 4C
(\$000s)

FERC ACCOUNT 391.3 DATA PROCESSING SOFTWARE

A	B	C	D
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 INVEST	5,012	4,840	8,293
2 FIRST YEAR	512	495	848
3 FULL YEAR	1,024	989	1,694
4 ANNUAL DEPR	6,123	7,130	6,321
5 ACCUM DEPR	23,033	30,163	36,484
6 CUMUL INVEST	31,239	36,079	44,372
7 NET INVEST	8,206	7,024	8,249

Table 4D
(\$000s)

**FERC ACCOUNT 397/398 COMMUNICATION
& MISC EQUIPMENT**

A	B	C	D
	<u>2026</u>	<u>2027</u>	2028
1 INVEST	-	-	-
2 FIRST YEAR	-	-	-
3 FULL YEAR	-	-	-
4 ANNUAL DEPR	-	-	-
5 ACCUM DEPR	9,952	9,952	9,952
6 CUMUL INVEST	9,952	9,952	9,952
7 NET INVEST	-	-	-

Table 4E
(\$000s)

SUMMARY - PBL GENERAL PLANT

A	B	C	D
	<u>2026</u>	<u>2027</u>	2028
1 INVEST	5,012	4,840	8,293
2 FIRST YEAR	512	495	848
3 FULL YEAR	1,024	989	1,694
4 ANNUAL DEPR	6,957	7,130	6,321
5 ACCUM DEPR	45,441	52,570	58,891
6 CUMUL INVEST	55,076	59,916	68,209
7 NET INVEST	9,877	8,696	9,921

Table 4F

**BPA FISH & WILDLIFE INVESTMENT
(\$000s)**

	A	B	C	D	E	Total <u>Accretion</u>	G	H
	<u>FY</u>	<u>INVEST</u>	<u>FIRST YEAR</u>	<u>FULL YEAR</u>	<u>ANNUAL AMORT</u>	<u>ACCUM AMORT</u>	<u>CUMUL INVEST</u>	<u>NET INVEST</u>
1	2026	32,207	1,074	2,147	31,329	251,059	466,028	214,969
2	2027	60,187	2,006	4,012	29,964	223,753	468,946	245,192
3	2028	49,486	1,650	3,299	29,919	198,889	463,649	264,759

Table 4G

**AMORTIZATION OF BPA CONSERVATION INVESTMENT
12-year Life (post-2011 investments)
(\$000s)**

Conservation Acquisition, 12-year life (post-2011)

	A	B	C	D	E	F	G	H
	<u>FY</u>	<u>INVEST</u>	<u>FIRST YEAR</u>	<u>FULL YEAR</u>	<u>ANNUAL AMORT</u>	<u>ACCUM AMORT</u>	<u>CUMUL INVEST</u>	<u>NET INVEST</u>
1	2026				8,450	483,563	484,750	1,187
2	2027				1,132	484,695	484,750	55
3	2028				55	-	-	-

Table 4H
Bureau of Reclamation:
Investment and Depreciation
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
		5-Year Average Retirements	INVESTMENT 9/30/2025	2026 ADDTNS	2026 DEPR EXP	2026 ACCUM DEPR	INVESTMENT 9/30/2026	2027 ADDTNS	2027 DEPR EXP	2027 ACCUM DEPR	INVESTMENT 9/30/2027	2028 ADDTNS	2028 DEPR EXP	2028 ACCUM DEPR	INVESTMENT 9/30/2028
1															
2															
3															
4															
5	BOISE														
6	GENERATION	-	39,647	9,031	589	16,899	48,679	4,785	681	17,580	53,464	2,155	727	18,307	55,619
7	COLUMBIA BASIN														
8	GENERATION	8	1,587,184	19,831	21,295	730,396	1,607,008	37,501	21,677	752,073	1,644,501	44,760	22,225	774,298	1,689,254
9	TRANSMISSION /DELIVERY		-		-	-	-		-	-	-		-	-	-
10	TOTAL		1,587,184	19,831	21,295	730,396	1,607,008	37,501	21,677	752,073	1,644,501	44,760	22,225	774,298	1,689,254
11	GREEN SPRINGS														
12	GENERATION	-	22,805		304	12,297	22,805		304	12,601	22,805		304	12,905	22,805
13	HUNGRY HORSE														
14	GENERATION	4	168,355	1,268	2,253	72,686	169,619	1,632	2,272	74,958	171,247	1,902	2,296	77,254	173,145
15	TRANSMISSION /DELIVERY		2,500		33	1,123	2,500		33	1,157	2,500		33	1,190	2,500
16	TOTAL		170,855	1,268	2,286	73,810	172,119	1,632	2,305	76,115	173,747	1,902	2,329	78,444	175,645
17	MINIDOKA-PALISADES														
18	GENERATION	27	193,768		2,583	64,247	193,741		2,583	66,830	193,714		2,583	69,413	193,688
19	TRANSMISSION /DELIVERY		3,084		41	724	3,084		41	765	3,084		41	806	3,084
20	TOTAL		196,852	-	2,624	64,971	196,825	-	2,624	67,595	196,798	-	2,624	70,219	196,772
21	YAKIMA														
22	GENERATION	-	29,574		394	7,958	29,574		394	8,352	29,574		394	8,746	29,574
23															
24	TOTAL USBR	38	2,046,917		27,492	906,329	2,077,010		27,985	934,314	2,120,889		28,603	962,918	2,169,668
25															
26	GENERATION		2,041,333		27,418	904,482	2,071,426		27,911	932,393	2,115,305		28,529	960,922	2,164,084
27	TRANSMISSION		5,584		74	1,847	5,584		74	1,921	5,584		74	1,996	5,584
28	TOTAL		2,046,917		27,492	906,329	2,077,010		27,985	934,314	2,120,889		28,603	962,918	2,169,668

Table 4I

**Corps of Engineers: Investment and Depreciation
(\$000s)**

	A	B	C	D	E	F	G	H
1		5-Year		2026	2026	2026		2027
2		Average	INVESTMENT		DEPR	ACCUM	INVESTMENT	
3		Retirements	9/30/2025	ADDTNS	EXP	DEPR	9/30/2026	ADDTNS
4	BONNEVILLE							
5	GENERATION	0	1,307,227	22,883	17,582	584,994	1,330,109	18,292
6	TRANSMISSION		<u>2,700</u>		<u>36</u>	1,254	<u>2,700</u>	
7	TOTAL		1,309,927	22,883	17,618	586,248	1,332,809	18,292
8	OTHER PROJECTS							
9	(GENERATION ONLY)							
10	ALBENI FALLS	18	100,246	6,669	1,381	34,883	106,897	4,064
11	CHIEF JOSEPH	925	963,160	29,868	13,035	409,364	992,103	22,667
12	COUGAR	16	67,837	2,346	920	21,181	70,166	2,032
13	DETROIT-BIG CLIFF	0	118,393	8,671	1,636	48,300	127,064	7,988
14	DWORSHAK	49	369,779	4,385	4,959	167,384	374,115	6,152
15	GREEN PETER-FOSTER	10	84,624	5,407	1,164	39,192	90,020	10,975
16	HILLS CREEK	25	63,016	1,478	850	20,344	64,469	3,569
17	ICE HARBOR	86	365,912	16,711	4,990	120,950	382,538	21,204
18	JOHN DAY	176	703,945	27,359	9,567	323,773	731,128	28,975
19	LIBBY	529	499,957	14,802	6,761	255,504	514,231	14,933
20	LITTLE GOOSE	26	332,548	9,005	4,494	156,312	341,527	13,686
21	LOOKOUT POINT-DEXTER	104	171,464	16,295	2,394	53,461	187,655	17,699
22	LOST CREEK	0	43,689	1,341	591	19,603	45,029	2,064
23	LOWER GRANITE	29	485,145	1,554	6,479	215,745	486,670	1,548
24	LOWER MONUMENTAL	11	345,457	12,878	4,692	164,951	358,325	11,492
25	MCNARY	120	693,995	47,434	9,569	281,509	741,310	44,282
26	THE DALLES	289	577,498	4,438	7,728	286,451	581,647	4,970
27	LOWER SNAKE F&W		244,851	0	3,265	89,135	244,851	0
28	COLUMBIA R. FISH BYPASS		<u>903,008</u>	<u>9,381</u>	<u>12,040</u>	<u>228,578</u>	<u>912,389</u>	<u>74,532</u>
29	TOTAL OTHER		7,134,525	220,024	96,515	2,936,621	7,352,136	292,834
30								
31	TOTAL CORPS	2,414	8,444,452	242,907	114,133	3,522,869	8,684,945	311,126
32								
33	GENERATION		8,441,752		114,097	3,521,615	8,682,245	
34	TRANSMISSION		<u>2,700</u>		<u>36</u>	<u>1,254</u>	<u>2,700</u>	
35	TOTAL		8,444,452		114,133	3,522,869	8,684,945	
36								
37	Includes USFW Plant Investment		244,851		3,265	78,306	244,851	
38								
39	CRFM Regulatory Asset (Amortization Exp)		909,727		19,891	224,157	909,727	
40								

Table 4I

**Corps of Engineers: Investment and Depreciation
(\$000s)**

	A	I	J	K	L	M	N	O
1		2027	2027		2028	2028	2028	
2		DEPR	ACCUM	INVESTMENT		DEPR	ACCUM	INVESTMENT
3		EXP	DEPR	9/30/2027	ADDTNS	EXP	DEPR	9/30/2028
4	BONNEVILLE							
5	GENERATION	17,857	602,851	1,348,401	11,826	18,058	620,909	1,360,227
6	TRANSMISSION	<u>36</u>	<u>1,290</u>	<u>2,700</u>		<u>36</u>	<u>1,326</u>	<u>2,700</u>
7	TOTAL	17,893	604,141	1,351,101	11,826	18,094	622,235	1,362,927
8	OTHER PROJECTS							
9	(GENERATION ONLY)							
10	ALBENI FALLS	1,452	36,335	110,943	2,107	1,493	37,828	113,033
11	CHIEF JOSEPH	13,373	422,737	1,013,845	25,542	13,682	436,419	1,038,461
12	COUGAR	949	22,130	72,182	1,597	973	23,103	73,763
13	DETROIT-BIG CLIFF	1,747	50,047	135,052	6,992	1,847	51,894	142,044
14	DWORSHAK	5,029	172,413	380,218	6,912	5,115	177,528	387,081
15	GREEN PETER-FOSTER	1,273	40,465	100,985	10,717	1,418	41,883	111,693
16	HILLS CREEK	883	21,227	68,013	3,606	931	22,158	71,594
17	ICE HARBOR	5,241	126,191	403,655	12,091	5,462	131,653	415,660
18	JOHN DAY	9,940	333,713	759,927	28,984	10,324	344,037	788,735
19	LIBBY	6,952	262,456	528,635	12,561	7,129	269,585	540,667
20	LITTLE GOOSE	4,645	160,957	355,188	18,850	4,861	165,818	374,013
21	LOOKOUT POINT-DEXTER	2,619	56,080	205,250	16,158	2,844	58,924	221,304
22	LOST CREEK	614	20,217	47,093	4,669	659	20,876	51,761
23	LOWER GRANITE	6,499	222,244	488,190	2,526	6,526	228,770	490,687
24	LOWER MONUMENTAL	4,854	169,805	369,807	17,824	5,050	174,855	387,620
25	MCNARY	10,179	291,688	785,473	48,984	10,799	302,487	834,338
26	THE DALLES	7,787	294,238	586,329	14,791	7,914	302,152	600,831
27	LOWER SNAKE F&W	3,265	92,400	244,851	0	3,265	95,665	244,851
28	COLUMBIA R. FISH BYPASS	<u>12,165</u>	<u>240,743</u>	<u>986,921</u>	<u>30,076</u>	<u>13,159</u>	<u>253,902</u>	<u>1,016,997</u>
29	TOTAL OTHER	99,466	3,036,087	7,642,556	264,989	103,451	3,139,538	7,905,132
30								
31	TOTAL CORPS	117,359	3,640,228	8,993,658	276,815	121,545	3,761,773	9,268,058
32								
33	GENERATION	117,323	3,638,938	8,990,958		121,509	3,760,447	9,265,358
34	TRANSMISSION	<u>36</u>	<u>1,290</u>	<u>2,700</u>		<u>36</u>	<u>1,326</u>	<u>2,700</u>
35	TOTAL	117,359	3,640,228	8,993,658		121,545	3,761,773	9,268,058
36								
37	Includes USFW Plant Investment	3,265	81,571	244,851		3,265	84,836	244,851
38								
39	CRFM Regulatory Asset (Amortiza	19,891	224,157	909,727		19,891	244,048	909,727
40								

Table 4J
Amortization Expense, Columbia Generating Station
(\$000s)

	A	B	C	D	E		
		<u>Starting balance</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1		3,379,997	161,444	162,276	162,276	162,276	162,276
2							
3		<u>Additions</u>					
4	2024	226,948	2,947	11,790	11,790	11,790	11,790
5	2025	282,481		3,870	15,478	15,478	15,478
6	2026	609,874			<u>8,839</u>	35,355	35,355
7	2027	401,819				<u>6,182</u>	24,727
8	2028	441,486					<u>7,237</u>
9	Total	2,570,935	2,947	15,659	36,107	68,805	94,588
10							
11	CGS Total				198,383	231,081	256,864

Table 4K
Amortization Expense, WNP-1, WNP-3, & Cowlitz Falls
(\$000s)

	A	B			C	D	E
1	WNP-1	<u>Starting balance</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
2		663,281	32,755	32,755	32,755	32,755	32754.6392
3							
4	WNP-3	<u>Starting balance</u>					
5		762,156	37,637	37,637	37,637	37,637	37637.3196
6							
7	Cowlitz	<u>Starting balance</u>					
8		68,470	5,947	5,947	5,947	5,947	5947.10857

Table 4L
Accretion of CGS Asset Retirement Obligation (ARO)
(\$000s)

	A	B	C	D
		2026	2027	2028
1 Annual Amortization		42,607	44,438	46,350

Table 4M
Summary, Non-Federal Amortization & Accretion Expense
(\$000s)

	A	B	C	
	<u>Project</u>	2026	2027	2028
1	CGS	198,383	231,081	256,864
2	WNP 1	32,755	32,755	32,755
3	WNP 3	37,637	37,637	37,637
4	Cowlitz Falls	5,947	5,947	5,947
5	Sub-Total Amortization	274,722	307,420	333,203
6	CGS ARO Accretion	42,607	44,438	46,350
7	Total	592,051	659,279	712,756

Table 4N
Amortization of the P2IP Liability
(\$000s)

1	Liability value	256,000		
2				
3		2026	2027	2028
4	Annual Amort	14,222	14,222	14,222
5	Cummulative	14,222	28,444	42,667

5. PROJECTED CASH BALANCES / INTEREST CREDITS

5.1 Introduction

This chapter documents the projection of the generation interest income (credited to interest expense) to be earned during the rate approval period and the outyears on BPA's projected cash balances and on funds attributable to generation to be returned to Treasury at year-end.

5.2 Interest credits on projected reserves

The internal cash flows from revenue requirements are added to the ending rate period reserves for risk balances separately for the program and averaged. Reserves not for risk is assumed to be stable through the rate period. The projected interest earnings rate is multiplied by the average reserves balance to determine the annual interest income on the BPA Fund/Investments. The resulting interest income is applied as a credit against interest expense in the generation revenue requirements.

5.3 Interest income (repayment program calculation)

The interest income rates listed in this chapter are calculated and used in repayment studies to determine an interest income credit on funds collected during each year for year-end payment of amortization and interest on Corps and Reclamation appropriations and bonds BPA issued to Treasury. The repayment program assumes that cash accumulates at a uniform rate throughout the year, except for interest paid on bonds issued to Treasury at mid-year. In the repayment study output, such as in Table 11C of this document, the interest income is identified as the "float."

5.4 Allocation of Interest Credit

The interest credit is a component in the calculation of net interest, offsetting interest accrued on outstanding Treasury bonds and appropriations. The credit is allocated between the two cost pools. The Composite cost pool receives an interest credit based on \$586 million in reserves, the amount of reserves attributed to Power at the end of FY 2001, with adjustments. The amount of reserves has been adjusted for receipts/payments related to pre-2002 transactions that have not been distributed to Slice customers.

The Non-Slice cost pool receives a credit that is the net of the total annual credit calculated in the generation revenue requirement less the amount calculated for the Composite cost pool and the interest earned on the prepay funds. The Non-Slice allocation may be negative or positive depending on the relationship between the Composite cost pool allocation and the total annual credit.

5.5 Decommissioning Trusts

Beginning in FY 2020, BPA begin recording interest income and dividends on the CGS Decommissioning Trust and the realized gains and losses on the value of investments in the Trust on BPA's income statement. Interest income is forecast but realized gains and losses are not. The interest income calculation also includes earnings on the WNP 1 & 4 decommissioning trust fund.

TABLE 5A
Interest Income from Projected Cash Balances
Generation Revenue Requirement
(\$000s)

	A	B	C
Calculation of Total Interest Income	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 Cash flow generated	0	0	0
2 Reserves for Risk			
3 SOY Cash Balance	502,237	502,237	502,237
4 EOY Cash Balance	502,237	502,237	502,237
5 Average Cash Balance	502,237	502,237	502,237
6 Interest Income Rate	3.22%	2.96%	2.94%
7 Interest on BPA Fund/Investments	16,174	14,871	14,771
8 Repayment Study Interest Credit	1,906	1,823	2,367
9 Reserves not for Risk			
10 SOY Cash Balance	70,177	70,177	70,177
11 EOY Cash Balance	70,177	70,177	70,177
12 Average Cash Balance	70,177	70,177	70,177
13 Interest Income	2,260	2,078	2,064
14 Total Interest Credit	20,340	18,772	19,201
15 Allocation between TRM Cost Pools	<u>2026</u>	<u>2027</u>	<u>2028</u>
16 Reserves for Composite Cost Pool	586,596	586,596	586,596
17 Interest rate	3.22%	2.96%	2.94%
18 Composite Pool interest credit	(18,891)	(17,369)	(17,252)
19 Total interest credit from Rev Req	(20,340)	(18,772)	(19,201)
20 Non-Slice Pool interest credit	(1,449)	(1,403)	(1,950)

Table 5B
Interest Income from Projected Cash Balances
Generation Current Revenue Test
(\$000s)

	A	B	C
	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 Annual Cash Surplus/(Deficit)	2,068	(187,695)	(315,352)
2 Reserves for Risk			
3 SOY Cash Balance	502,237	504,305	316,610
4 EOY Cash Balance	504,305	316,610	1,258
5 Average Cash Balance	503,271	410,457	158,934
6 Interest Income Rate	3.22%	2.96%	2.94%
7 Interest on BPA Fund/Investments	16,207	12,153	4,674
8 Repayment Study Interest Income	2,204	1,768	2,118
9 Reserves not for Risk			
10 SOY Cash Balance	70,177	70,177	70,177
11 EOY Cash Balance	70,177	70,177	70,177
12 Average Cash Balance	70,177	70,177	70,177
13 Interest Income	2,260	2,078	2,064
14 Annual Interest Income	20,671	15,999	8,856

Table 5C
Interest Income from Projected Cash Balances
Generation Revised Revenue Test
(\$000s)

	<u>A</u> <u>2026</u>	<u>B</u> <u>2027</u>	<u>C</u> <u>2028</u>
1 Annual Cash Surplus/(Deficit)	(4,257)	(4,305)	(11,302)
2 Reserves for Risk			
3 SOY Cash Balance	502,237	497,980	493,675
4 EOY Cash Balance	497,980	493,675	482,373
5 Average Cash Balance	500,108	495,827	488,024
6 Interest Income Rate	3.22%	2.96%	2.94%
7 Interest on BPA Fund/Investments	16,105	14,681	14,353
8 Repayment Study Interest Income	2,204	1,768	2,118
9 Reserves not for Risk			
10 SOY Cash Balance	70,177	70,177	70,177
11 EOY Cash Balance	70,177	70,177	70,177
12 Average Cash Balance	70,177	70,177	70,177
13 Interest Income	2,260	2,078	2,064
14 Annual Interest Income	20,569	18,527	18,534

Table 5D

**Income on Decommissioning Trusts
(\$000s)**

	A	B	C
CGS	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 Starting Fund Balance	572,726	604,530	637,970
2 Contributions	15,704	16,332	16,985
3 Earnings Rate	2.7%	2.8%	2.8%
4 Income on Fund	16,101	17,108	18,172
5 Ending Balance	604,530	637,970	673,128
6			
7 WNP 1/4			
8 Starting Fund Balance	15,045	14,430	13,783
9 Disbursements	(1,363)	(1,363)	(1,363)
10 Earnings Rate	5.5%	5.5%	5.5%
11 Income on Fund	748	716	682
12 Ending Balance	14,430	13,783	13,103
13			
14 Total Income	16,849	17,824	18,855

Note: Income includes interest and dividends.

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6. INTEREST RATES FOR TREASURY SOURCES OF CAPITAL AND PRICE DEFLATORS

6.1 Introduction

Interest rates on bonds issued by BPA to Treasury and interest rates for Corps and Reclamation appropriations are used in development of repayment studies and projections of Federal interest expense in revenue requirements. Price deflators are used for developing spending levels in revenue requirements.

6.2 Source of Forecasts

To project interest rates on bonds issued to Treasury, BPA uses Treasury yield curve forecasts provided by the Global Insights Group (GI). GI is also the source of price deflators that BPA treats as escalators for purposes of developing spending levels. GI develops the price deflators taking into account projections of Gross Domestic Product (GDP). The GDP consists of the sum of consumption, investment, government purchases and net exports, excluding transfers to foreigners.

6.3 Interest Rate Projections

Projected interest rates for BPA bonds issued to Treasury are based on GI's yield curve projections of Treasury market rates, plus a markup of up depending on the length of time to maturity. The markup estimate reflects an interagency agreement that Treasury price BPA bonds at a level comparable to securities (bonds) issued by U.S. government corporations. The markup estimate reflects the average basis point markup on recent intermediate and long-term bonds issued by BPA.

Interest rates on projected capital investments funded by appropriations are also based on GI's projections of Treasury yield curves. The yield curves used for appropriations do not include the basis point markup.

6.4 Deflators

The current and cumulative price deflator used to escalate midyear dollars are derived from the fiscal and calendar year price deflators provided by GI. They are calculated as follows:

$$[(FY_1/100) \times 0.5] + 1 = \text{Cumulative Price Deflator}_1$$

The fiscal year GDP price deflator for the current year is divided by one hundred and multiplied by one half. The result, when added to one, yields the cumulative price deflator for the first year.

$$[1 + (FY_t/100)] \times \text{Cumulative Price Deflator}_{t-1} = \text{Cumulative Price Deflator}_t, \text{ when } t > 1$$

The fiscal year GDP price deflator for a future year is divided by one hundred and added to one. The result, when multiplied by the cumulative price deflator from the previous year, yields the cumulative price deflator for the each successive year.

memorandum

DATE: 11/27/2024

REPLY TO
ATTN OF: FTR-2

SUBJECT: FY 2025 Interest Rate and Inflation Forecast

Please see the attached BPA interest rate and inflation forecast for the period FY 2025 through 2054.

These forecasts provide an internally consistent basis for BPA decisions regarding debt management, budget formulation, financial analyses, capital budgeting, and strategic planning efforts. The FY 2025 forecast consists of the following tables:

- Table 1: 30 Year Borrowing Rate Comparison
- Table 2: 15 Year Borrowing Rate Comparison
- Table 3: 5 Year Borrowing Rate Comparison
- Table 4: Appropriations Borrowing Rates
- Table 5: BPA Agency Borrowing Rates
- Table 6: Third-Party Tax-Exempt Borrowing Rates
- Table 7: Third-Party Taxable Borrowing Rates
- Table 8: FERC (Bank Prime) Borrowing Rates, 3-Month London Interbank Offered (LIBOR) Borrowing Rates, and Secured Overnight Financing Rate (SOFR)
- Table 9: Inflation Forecast (GDP Deflator) and Comparison
- Table 10: Inflation Forecast (Employment Cost Index) and Comparison

Borrowing Rate Forecast Methodology

A table of US Treasury interest rates for calendar years (CY) 2025-2054 is established using:

- an average of all available data for CY 2023 from Bloomberg's Bi550 US Treasury BVAL curve and
- the 2025-2054 projections from the IHS/S&Ps third-quarter August 2023 Long-Term Economic Outlook

This table is then converted to BPA fiscal years (FY) by combining 75% of the current year's CY rate and 25% of the previous year's CY rate. For example, the value for BPA FY 2025 consists of 75% CY 2025 and 25% of CY 2024.

BPA's borrowing rate projections, tables 5 through 7, reflect a spread compared to the Treasury yield curve. The spread is calculated from historical data, not including any call features, and is then applied to the BPA FY Treasury table.

The FERC, LIBOR rates, and SOFR rates, table 8, are established by using the CY projections from IHS/S&Ps third-quarter August 2024 Long-Term Economic Outlook and then converted into BPA FY.

Inflation Forecast Methodology

BPA inflation assumptions reflect projected changes in the U.S. GDP Price Deflator. The GDP Price Deflator is the broadest measure of inflation in the U.S. economy. GDP reflects the value of all goods and services produced by domestic and foreign capital and labor within the United States. Major components of GDP include: total consumption, investment, government purchases, and net exports. The real GDP calculations reflect both the changing mix of the components in GDP and the relative price changes in these components.

This index assumes a base year of 2025. The projected change in the GDP price deflator and comparison with the FY 2026 inflation forecast is summarized in table 9. Column A shows the projected trend in GDP inflation rates between 2024-2053 on a CY basis and in column B by BPA FY. Column C provides the cumulative price index projections. The forecast expresses FY dollar values as mid-year dollar values. Columns D and E show FY 2024's projections while columns F and G show a comparison between the two years of projections.

The Employment Cost Index (ECI) is an additional forecast. The ECI addresses the unique pressures on future labor costs the broader GDP Price Deflator fails to capture. The ECI, compared to similar labor cost indices, is robustly resistant to variations in labor force composition. The table format previously described concerning the GDP price deflator table is applicable here; subsequent additions of the forecast will include preceding forecast comparisons.

If you are unsure forecast applies to your analysis, consult “BPA Policy 210-1 Interest Rate” in the BPA Policy Library. To ensure that you are using the most up to date forecast, check the site below.

If you have questions concerning the FY 2025 Interest Rate and Inflation Forecasts, please contact Tracy Carlson at tlcarlson@bpa.gov or (503) 230-3257.



Tracy L Carlson
Financial Analyst
Revenue Requirement, Repayment, and Financial Strategy

Table 1

30 Year Borrowing Rate Comparison

FY 2024 Forecast of Appropriation, BPA Agency, Third-Party Taxable,
and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2025-2054

Year	A Appropriation Rate	B BPA Agency Rate	C Third-Party Tax-Exempt Rate	D Third-Party Taxable Rate
2025	4.13	4.70	3.93	5.15
2026	3.74	4.34	3.64	4.79
2027	3.60	4.18	3.55	4.63
2028	3.59	4.14	3.58	4.59
2029	3.61	4.14	3.64	4.58
2030	3.62	4.15	3.66	4.60
2031	3.63	4.16	3.66	4.60
2032	3.63	4.16	3.66	4.60
2033	3.63	4.16	3.67	4.61
2034	3.64	4.17	3.67	4.61
2035	3.64	4.17	3.67	4.61
2036	3.64	4.17	3.67	4.61
2037	3.64	4.17	3.67	4.61
2038	3.64	4.17	3.67	4.61
2039	3.64	4.17	3.67	4.61
2040	3.64	4.17	3.67	4.61
2041	3.64	4.17	3.67	4.61
2042	3.64	4.17	3.67	4.62
2043	3.64	4.17	3.67	4.62
2044	3.64	4.17	3.67	4.62
2045	3.64	4.17	3.67	4.62
2046	3.64	4.17	3.67	4.62
2047	3.64	4.17	3.67	4.61
2048	3.64	4.17	3.67	4.61
2049	3.64	4.17	3.67	4.61
2050	3.64	4.17	3.67	4.61
2051	3.64	4.17	3.67	4.61
2052	3.64	4.17	3.67	4.61
2053	3.64	4.17	3.67	4.61
2054	3.64	4.17	3.67	4.61

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2024 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 2

15 Year Borrowing Rate Comparison

FY 2024 Forecast of Appropriation, BPA Agency, Third-Party Taxable,
and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2025-2054

Year	A Appropriation Rate	B BPA Agency Rate	C Third-Party Tax-Exempt Rate	D Third-Party Taxable Rate
2025	4.07	4.21	2.98	4.70
2026	3.47	3.82	2.72	4.29
2027	3.32	3.66	2.70	4.13
2028	3.30	3.64	2.81	4.10
2029	3.33	3.65	2.96	4.10
2030	3.34	3.67	2.98	4.12
2031	3.35	3.67	2.98	4.12
2032	3.35	3.68	2.98	4.12
2033	3.35	3.68	2.99	4.13
2034	3.36	3.69	2.99	4.13
2035	3.36	3.69	2.99	4.14
2036	3.36	3.69	3.00	4.14
2037	3.36	3.69	3.00	4.14
2038	3.36	3.69	3.00	4.14
2039	3.36	3.69	3.00	4.14
2040	3.36	3.69	3.00	4.14
2041	3.36	3.69	3.00	4.14
2042	3.36	3.69	3.00	4.14
2043	3.36	3.69	3.00	4.14
2044	3.36	3.69	3.00	4.14
2045	3.36	3.69	3.00	4.14
2046	3.36	3.69	3.00	4.14
2047	3.36	3.69	3.00	4.14
2048	3.36	3.69	3.00	4.14
2049	3.36	3.69	3.00	4.14
2050	3.36	3.69	3.00	4.14
2051	3.36	3.69	3.00	4.14
2052	3.36	3.69	3.00	4.14
2053	3.36	3.69	3.00	4.14
2054	3.36	3.69	3.00	4.14

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2024 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 3

5 Year Borrowing Rate Comparison

FY 2024 Forecast of Appropriation, BPA Agency, Third-Party Taxable,
and Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2025-2054

Year	A Appropriation Rate	B BPA Agency Rate	C Third-Party Tax-Exempt Rate	D Third-Party Taxable Rate
2025	3.63	3.65	2.26	4.07
2026	3.12	3.20	1.97	3.61
2027	3.01	3.09	2.02	3.49
2028	3.00	3.08	2.18	3.47
2029	3.02	3.09	2.35	3.47
2030	3.02	3.10	2.36	3.48
2031	3.02	3.10	2.36	3.48
2032	3.03	3.10	2.36	3.48
2033	3.03	3.10	2.37	3.49
2034	3.03	3.11	2.37	3.49
2035	3.03	3.11	2.37	3.49
2036	3.03	3.11	2.37	3.49
2037	3.03	3.11	2.37	3.49
2038	3.03	3.11	2.37	3.49
2039	3.03	3.11	2.37	3.49
2040	3.03	3.11	2.37	3.49
2041	3.03	3.11	2.37	3.49
2042	3.03	3.11	2.37	3.49
2043	3.03	3.11	2.37	3.49
2044	3.03	3.11	2.37	3.49
2045	3.03	3.11	2.37	3.49
2046	3.03	3.11	2.37	3.49
2047	3.03	3.11	2.37	3.49
2048	3.03	3.11	2.37	3.49
2049	3.03	3.11	2.37	3.49
2050	3.03	3.11	2.37	3.49
2051	3.03	3.11	2.37	3.49
2052	3.03	3.11	2.37	3.49
2053	3.03	3.11	2.37	3.49
2054	3.03	3.11	2.37	3.49

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2024 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 4

Appropriations Borrowing Rates

BPA Fiscal Years 2025-2054

(continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2025	3.97	3.69	3.63	3.63	3.63	3.63	3.71	3.75	3.75	3.80	3.88	3.89	4.00	4.00	4.07
2026	3.22	3.15	3.14	3.13	3.12	3.17	3.22	3.27	3.32	3.38	3.39	3.41	3.43	3.45	3.47
2027	2.96	3.00	3.00	3.01	3.01	3.05	3.09	3.14	3.18	3.22	3.24	3.26	3.28	3.30	3.32
2028	2.94	3.00	3.00	3.00	3.00	3.05	3.09	3.13	3.17	3.21	3.23	3.25	3.27	3.29	3.30
2029	2.93	2.99	3.00	3.01	3.02	3.06	3.10	3.15	3.19	3.23	3.25	3.27	3.29	3.31	3.33
2030	2.92	2.99	3.00	3.01	3.02	3.07	3.11	3.16	3.20	3.25	3.27	3.29	3.31	3.32	3.34
2031	2.92	2.99	3.00	3.01	3.02	3.07	3.12	3.16	3.21	3.25	3.27	3.29	3.31	3.33	3.35
2032	2.92	2.99	3.00	3.01	3.03	3.07	3.12	3.16	3.21	3.26	3.28	3.29	3.31	3.33	3.35
2033	2.92	2.99	3.00	3.01	3.03	3.08	3.12	3.17	3.22	3.26	3.28	3.30	3.32	3.34	3.35
2034	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.17	3.22	3.27	3.29	3.31	3.32	3.34	3.36
2035	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2036	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2037	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2038	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2039	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2040	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2041	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2042	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2043	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2044	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2045	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2046	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2047	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2048	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2049	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2050	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2051	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2052	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2053	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36
2054	2.92	2.99	3.00	3.02	3.03	3.08	3.13	3.18	3.22	3.27	3.29	3.31	3.33	3.34	3.36

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2024 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 4

Appropriations Borrowing Rates

BPA Fiscal Years 2025-2054

Maturity																Year
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	Year
4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	2025
3.48	3.50	3.52	3.54	3.56	3.57	3.59	3.61	3.63	3.65	3.66	3.68	3.70	3.72	3.74	3.74	2026
3.34	3.36	3.37	3.39	3.41	3.43	3.45	3.47	3.49	3.51	3.53	3.54	3.56	3.58	3.60	3.60	2027
3.32	3.34	3.36	3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.59	3.59	2028
3.35	3.37	3.38	3.40	3.42	3.44	3.46	3.48	3.50	3.51	3.53	3.55	3.57	3.59	3.61	3.61	2029
3.36	3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.62	2030
3.37	3.38	3.40	3.42	3.44	3.46	3.48	3.50	3.51	3.53	3.55	3.57	3.59	3.61	3.63	3.63	2031
3.37	3.39	3.41	3.42	3.44	3.46	3.48	3.50	3.52	3.53	3.55	3.57	3.59	3.61	3.63	3.63	2032
3.37	3.39	3.41	3.43	3.45	3.47	3.48	3.50	3.52	3.54	3.56	3.58	3.59	3.61	3.63	3.63	2033
3.38	3.40	3.42	3.43	3.45	3.47	3.49	3.51	3.53	3.54	3.56	3.58	3.60	3.62	3.64	3.64	2034
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2035
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2036
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2037
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2038
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2039
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2040
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2041
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2042
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2043
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2044
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2045
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2046
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2047
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2048
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2049
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2050
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2051
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2052
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2053
3.38	3.40	3.42	3.44	3.45	3.47	3.49	3.51	3.53	3.55	3.57	3.58	3.60	3.62	3.64	3.64	2054

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ FY 2024 Appropriation rates are determined in accordance with BPA Appropriations Refinancing Act, 16 U.S.C. 8381 enacted on April 26, 1996, and are independent of the Global Insight Treasury Yield forecasts.

Table 5
BPA Agency Borrowing Rates
 BPA Fiscal Years 2025-2054
 (continued on next page)

Year	Maturity															
	6 Month	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2025	4.47	4.17	3.84	3.78	3.71	3.65	3.73	3.81	3.89	3.97	4.05	4.08	4.11	4.15	4.18	4.21
2026	3.35	3.27	3.21	3.21	3.20	3.20	3.29	3.38	3.46	3.55	3.64	3.68	3.71	3.75	3.78	3.82
2027	2.94	3.00	3.06	3.07	3.08	3.09	3.17	3.25	3.33	3.41	3.49	3.52	3.56	3.59	3.63	3.66
2028	2.88	2.98	3.05	3.06	3.07	3.08	3.16	3.24	3.31	3.39	3.47	3.50	3.54	3.57	3.61	3.64
2029	2.86	2.96	3.03	3.05	3.07	3.09	3.17	3.25	3.33	3.41	3.49	3.52	3.56	3.59	3.62	3.65
2030	2.86	2.96	3.03	3.05	3.07	3.10	3.18	3.26	3.34	3.43	3.51	3.54	3.57	3.60	3.64	3.67
2031	2.85	2.95	3.03	3.05	3.08	3.10	3.18	3.26	3.35	3.43	3.51	3.54	3.58	3.61	3.64	3.67
2032	2.85	2.95	3.03	3.05	3.08	3.10	3.18	3.27	3.35	3.43	3.51	3.55	3.58	3.61	3.64	3.68
2033	2.85	2.95	3.03	3.05	3.08	3.10	3.19	3.27	3.35	3.44	3.52	3.55	3.58	3.62	3.65	3.68
2034	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.27	3.36	3.44	3.53	3.56	3.59	3.62	3.65	3.69
2035	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2036	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2037	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2038	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2039	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2040	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2041	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2042	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2043	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2044	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2045	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2046	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2047	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2048	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2049	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2050	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2051	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2052	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2053	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69
2054	2.85	2.95	3.03	3.05	3.08	3.11	3.19	3.28	3.36	3.44	3.53	3.56	3.59	3.62	3.66	3.69

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 5
BPA Agency Borrowing Rates
BPA Fiscal Years 2025-2054

Maturity																Year
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	
4.24	4.28	4.31	4.34	4.37	4.41	4.44	4.47	4.50	4.53	4.57	4.60	4.63	4.66	4.70	4.70	2025
3.85	3.89	3.92	3.96	3.99	4.03	4.06	4.10	4.13	4.17	4.20	4.24	4.27	4.31	4.34	4.34	2026
3.70	3.73	3.76	3.80	3.83	3.87	3.90	3.94	3.97	4.01	4.04	4.08	4.11	4.15	4.18	4.18	2027
3.67	3.71	3.74	3.77	3.81	3.84	3.87	3.91	3.94	3.98	4.01	4.04	4.08	4.11	4.14	4.14	2028
3.69	3.72	3.75	3.78	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.14	2029
3.70	3.73	3.77	3.80	3.83	3.86	3.90	3.93	3.96	3.99	4.03	4.06	4.09	4.12	4.15	4.15	2030
3.71	3.74	3.77	3.80	3.84	3.87	3.90	3.93	3.96	4.00	4.03	4.06	4.09	4.13	4.16	4.16	2031
3.71	3.74	3.77	3.81	3.84	3.87	3.90	3.93	3.97	4.00	4.03	4.06	4.10	4.13	4.16	4.16	2032
3.71	3.75	3.78	3.81	3.84	3.87	3.91	3.94	3.97	4.00	4.04	4.07	4.10	4.13	4.16	4.16	2033
3.72	3.75	3.78	3.82	3.85	3.88	3.91	3.94	3.98	4.01	4.04	4.07	4.11	4.14	4.17	4.17	2034
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2035
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2036
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2037
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2038
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2039
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2040
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2041
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2042
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2043
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2044
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2045
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2046
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2047
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2048
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2049
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2050
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2051
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2052
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2053
3.72	3.75	3.79	3.82	3.85	3.88	3.91	3.95	3.98	4.01	4.04	4.08	4.11	4.14	4.17	4.17	2054

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 6

Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2025-2054

(continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2025	2.23	2.21	2.23	2.25	2.26	2.34	2.42	2.50	2.58	2.66	2.72	2.79	2.85	2.91	2.98
2026	1.60	1.79	1.85	1.91	1.97	2.06	2.15	2.23	2.32	2.41	2.47	2.53	2.59	2.65	2.72
2027	1.60	1.85	1.91	1.97	2.02	2.10	2.18	2.26	2.33	2.41	2.47	2.52	2.58	2.64	2.70
2028	1.84	2.05	2.09	2.14	2.18	2.25	2.33	2.40	2.48	2.55	2.60	2.66	2.71	2.76	2.81
2029	2.09	2.25	2.28	2.32	2.35	2.43	2.50	2.58	2.66	2.73	2.78	2.82	2.87	2.92	2.96
2030	2.09	2.24	2.28	2.32	2.36	2.44	2.51	2.59	2.67	2.75	2.79	2.84	2.88	2.93	2.98
2031	2.09	2.24	2.28	2.32	2.36	2.44	2.52	2.60	2.67	2.75	2.80	2.84	2.89	2.93	2.98
2032	2.08	2.24	2.28	2.32	2.36	2.44	2.52	2.60	2.68	2.76	2.80	2.85	2.89	2.94	2.98
2033	2.08	2.24	2.28	2.32	2.37	2.44	2.52	2.60	2.68	2.76	2.81	2.85	2.90	2.94	2.99
2034	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	2.99
2035	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	2.99
2036	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2037	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2038	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2039	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2040	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2041	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2042	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2043	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2044	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2045	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2046	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2047	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2048	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2049	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2050	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2051	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2052	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2053	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00
2054	2.08	2.24	2.28	2.33	2.37	2.45	2.53	2.61	2.69	2.77	2.81	2.86	2.90	2.95	3.00

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 6

Third-Party Tax-Exempt Borrowing Rates

BPA Fiscal Years 2025-2054

Maturity																Year
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	
3.04	3.10	3.17	3.23	3.30	3.36	3.42	3.49	3.55	3.61	3.68	3.74	3.81	3.87	3.93	3.93	2025
2.78	2.84	2.90	2.96	3.03	3.09	3.15	3.21	3.27	3.33	3.40	3.46	3.52	3.58	3.64	3.64	2026
2.75	2.81	2.87	2.92	2.98	3.04	3.09	3.15	3.21	3.27	3.32	3.38	3.44	3.49	3.55	3.55	2027
2.86	2.91	2.96	3.01	3.07	3.12	3.17	3.22	3.27	3.32	3.37	3.43	3.48	3.53	3.58	3.58	2028
3.01	3.05	3.10	3.14	3.19	3.23	3.28	3.32	3.37	3.42	3.46	3.51	3.55	3.60	3.64	3.64	2029
3.02	3.07	3.11	3.16	3.20	3.25	3.29	3.34	3.38	3.43	3.47	3.52	3.57	3.61	3.66	3.66	2030
3.03	3.07	3.12	3.16	3.21	3.25	3.30	3.34	3.39	3.43	3.48	3.52	3.57	3.61	3.66	3.66	2031
3.03	3.07	3.12	3.16	3.21	3.25	3.30	3.34	3.39	3.44	3.48	3.53	3.57	3.62	3.66	3.66	2032
3.03	3.08	3.12	3.17	3.21	3.26	3.30	3.35	3.39	3.44	3.49	3.53	3.58	3.62	3.67	3.67	2033
3.04	3.08	3.13	3.17	3.22	3.26	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2034
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2035
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2036
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2037
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2038
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2039
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2040
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2041
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2042
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2043
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2044
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2045
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2046
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2047
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2048
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2049
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2050
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2051
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2052
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2053
3.04	3.09	3.13	3.18	3.22	3.27	3.31	3.36	3.40	3.45	3.49	3.54	3.58	3.63	3.67	3.67	2054

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 7

Third-Party Taxable Borrowing Rates

BPA Fiscal Years 2025-2054

(continued on next page)

Year	Maturity														
	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year	11 Year	12 Year	13 Year	14 Year	15 Year
2025	4.31	4.05	4.06	4.06	4.07	4.17	4.26	4.36	4.45	4.54	4.57	4.61	4.64	4.67	4.70
2026	3.42	3.43	3.49	3.55	3.61	3.71	3.82	3.92	4.02	4.12	4.16	4.19	4.23	4.26	4.29
2027	3.18	3.29	3.35	3.42	3.49	3.58	3.68	3.77	3.86	3.96	3.99	4.03	4.06	4.09	4.13
2028	3.17	3.28	3.34	3.41	3.47	3.56	3.66	3.75	3.84	3.93	3.96	4.00	4.03	4.06	4.10
2029	3.17	3.27	3.34	3.41	3.47	3.57	3.66	3.75	3.85	3.94	3.97	4.00	4.04	4.07	4.10
2030	3.17	3.27	3.34	3.41	3.48	3.57	3.67	3.77	3.86	3.96	3.99	4.02	4.05	4.08	4.12
2031	3.17	3.27	3.34	3.41	3.48	3.58	3.67	3.77	3.86	3.96	3.99	4.02	4.06	4.09	4.12
2032	3.16	3.27	3.34	3.41	3.48	3.58	3.67	3.77	3.87	3.96	4.00	4.03	4.06	4.09	4.12
2033	3.16	3.27	3.34	3.41	3.49	3.58	3.68	3.78	3.87	3.97	4.00	4.03	4.06	4.10	4.13
2034	3.16	3.27	3.34	3.41	3.49	3.59	3.68	3.78	3.88	3.97	4.01	4.04	4.07	4.10	4.13
2035	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2036	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2037	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2038	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2039	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2040	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2041	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2042	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2043	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2044	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2045	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2046	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2047	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2048	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2049	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2050	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2051	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2052	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2053	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14
2054	3.16	3.27	3.34	3.42	3.49	3.59	3.68	3.78	3.88	3.98	4.01	4.04	4.07	4.10	4.14

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 7

Third-Party Taxable Borrowing Rates

BPA Fiscal Years 2025-2054

Maturity																Year
16 Year	17 Year	18 Year	19 Year	20 Year	21 Year	22 Year	23 Year	24 Year	25 Year	26 Year	27 Year	28 Year	29 Year	30 Year	50 Year	Year
4.73	4.76	4.79	4.82	4.85	4.88	4.91	4.94	4.97	5.00	5.03	5.06	5.09	5.12	5.15	5.15	2025
4.33	4.36	4.39	4.43	4.46	4.49	4.53	4.56	4.59	4.63	4.66	4.69	4.73	4.76	4.79	4.79	2026
4.16	4.19	4.23	4.26	4.29	4.33	4.36	4.40	4.43	4.46	4.50	4.53	4.56	4.60	4.63	4.63	2027
4.13	4.16	4.19	4.23	4.26	4.29	4.33	4.36	4.39	4.43	4.46	4.49	4.52	4.56	4.59	4.59	2028
4.13	4.17	4.20	4.23	4.26	4.29	4.33	4.36	4.39	4.42	4.45	4.49	4.52	4.55	4.58	4.58	2029
4.15	4.18	4.21	4.24	4.28	4.31	4.34	4.37	4.40	4.44	4.47	4.50	4.53	4.57	4.60	4.60	2030
4.15	4.18	4.22	4.25	4.28	4.31	4.34	4.38	4.41	4.44	4.47	4.50	4.54	4.57	4.60	4.60	2031
4.16	4.19	4.22	4.25	4.28	4.32	4.35	4.38	4.41	4.44	4.48	4.51	4.54	4.57	4.60	4.60	2032
4.16	4.19	4.22	4.26	4.29	4.32	4.35	4.38	4.42	4.45	4.48	4.51	4.54	4.58	4.61	4.61	2033
4.17	4.20	4.23	4.26	4.29	4.33	4.36	4.39	4.42	4.45	4.49	4.52	4.55	4.58	4.61	4.61	2034
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2035
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2036
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2037
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2038
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2039
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2040
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2041
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.62	4.62	2042
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.62	4.62	2043
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.62	4.62	2044
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.62	4.62	2045
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.62	4.62	2046
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2047
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2048
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2049
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2050
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2051
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2052
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2053
4.17	4.20	4.23	4.26	4.30	4.33	4.36	4.39	4.42	4.46	4.49	4.52	4.55	4.58	4.61	4.61	2054

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Table 8
FERC (Bank Prime), 3-Month LIBOR Borrowing, and SOFR Rates
 BPA Fiscal Years 2025-2054

Year	A FERC Rate	B 3-Month LIBOR Rate	C Secured Overnight Financing Rate (SOFR)²
2025	7.89	4.80	4.71
2026	6.44	3.33	3.25
2027	5.82	2.74	2.63
2028	5.75	2.69	2.57
2029	5.75	2.71	2.57
2030	5.75	2.73	2.57
2031	5.75	2.74	2.58
2032	5.75	2.75	2.58
2033	5.75	2.75	2.58
2034	5.75	2.75	2.57
2035	5.75	2.75	2.57
2036	5.75	2.75	2.57
2037	5.75	2.75	2.57
2038	5.75	2.75	2.57
2039	5.75	2.75	2.57
2040	5.75	2.75	2.57
2041	5.75	2.75	2.57
2042	5.75	2.75	2.57
2043	5.75	2.75	2.57
2044	5.75	2.75	2.57
2045	5.75	2.75	2.57
2046	5.75	2.75	2.57
2047	5.75	2.75	2.57
2048	5.75	2.75	2.57
2049	5.75	2.75	2.57
2050	5.75	2.75	2.57
2051	5.75	2.75	2.57
2052	5.75	2.75	2.57
2053	5.75	2.75	2.57
2054	5.75	2.75	2.57

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

2/ Federal Reserve Board adopted final rule that identifies SOFR to replace LIBOR after June 30, 2023

Table 9
Inflation Forecast (GDP Deflator) and Comparison
BPA Fiscal Years 2025-2054

Year	A 2025 Calendar Year GDP Price Deflator	B 2025 Fiscal Year GDP Price Deflator	C 2025 Fiscal Year Cumulative Price Deflator (Base Year 2024)	D 2024 Fiscal Year GDP Price Deflator	E 2024 Fiscal Year Cumulative Price Deflator (Base Year 2024)	F Change in the GDP Price Deflator (B-D)	G Change in the Cumulative Price Deflator (C-E)
2025	2.35%	2.38%	1.012	2.35%	1.023	0.03%	-0.012
2026	2.39%	2.38%	1.036	2.20%	1.046	0.18%	-0.010
2027	2.18%	2.24%	1.059	2.22%	1.069	0.02%	-0.010
2028	2.23%	2.22%	1.083	2.24%	1.093	-0.02%	-0.011
2029	2.26%	2.26%	1.107	2.24%	1.118	0.02%	-0.011
2030	2.26%	2.26%	1.132	2.25%	1.143	0.01%	-0.011
2031	2.30%	2.29%	1.158	2.29%	1.169	0.00%	-0.011
2032	2.30%	2.30%	1.185	2.30%	1.196	-0.01%	-0.011
2033	2.30%	2.30%	1.212	2.31%	1.223	-0.01%	-0.012
2034	2.29%	2.30%	1.240	2.29%	1.251	0.00%	-0.012
2035	2.22%	2.24%	1.267	2.24%	1.279	0.00%	-0.012
2036	2.14%	2.16%	1.295	2.18%	1.307	-0.03%	-0.013
2037	2.16%	2.15%	1.323	2.14%	1.335	0.01%	-0.013
2038	2.16%	2.16%	1.351	2.13%	1.364	0.03%	-0.013
2039	2.13%	2.13%	1.380	2.10%	1.392	0.03%	-0.012
2040	2.14%	2.14%	1.409	2.11%	1.422	0.03%	-0.012
2041	2.14%	2.14%	1.440	2.11%	1.452	0.04%	-0.012
2042	2.14%	2.14%	1.471	2.09%	1.482	0.05%	-0.012
2043	2.14%	2.14%	1.502	2.08%	1.513	0.06%	-0.011
2044	2.14%	2.14%	1.534	2.08%	1.544	0.06%	-0.010
2045	2.14%	2.14%	1.567	2.08%	1.576	0.06%	-0.009
2046	2.15%	2.15%	1.601	2.07%	1.609	0.08%	-0.008
2047	2.17%	2.16%	1.635	2.07%	1.642	0.09%	-0.007
2048	2.18%	2.18%	1.671	2.09%	1.677	0.08%	-0.006
2049	2.19%	2.19%	1.707	2.10%	1.712	0.08%	-0.005
2050	2.21%	2.20%	1.745	2.12%	1.748	0.09%	-0.003
2051	2.22%	2.22%	1.784	2.13%	1.785	0.09%	-0.002
2052	2.25%	2.24%	1.824	2.15%	1.824	0.09%	0.000
2053	2.27%	2.26%	1.865	2.17%	1.863		
2054	2.26%	2.26%	1.907				

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Except for Column A which represents a standard Calendar Year.

2/ Fiscal Year Cumulative Price Deflator escalates to midyear dollars. The first year, 2025, is determined as follows: $1.012 = (2.38\% \cdot .5) + 1$.

An example of subsequent year cumulative growth, such as in 2026, is found as: $1.036 = (1 + 2.38\%) \cdot 1.012$

Table 10
Inflation Forecast (Employment Cost Index) and Comparison
 BPA Fiscal Years 2025-2054

Year	A 2025 Calendar Year ECI	B 2025 Fiscal Year ECI	C 2025 Fiscal Year Cumulative ECI (Base Year 2024)	D 2024 Fiscal Year ECI	E 2024 Fiscal Year Cumulative ECI (Base Year 2024)	F Change in the ECI (B-D)	G Change in the Cumulative ECI (C-E)
2025	3.54%	3.65%	1.018	3.62%	1.036	0.02%	-0.018
2026	3.73%	3.68%	1.056	3.36%	1.071	0.32%	-0.015
2027	3.31%	3.41%	1.092	3.32%	1.107	0.09%	-0.015
2028	3.48%	3.43%	1.129	3.33%	1.143	0.11%	-0.014
2029	3.43%	3.44%	1.168	3.28%	1.181	0.16%	-0.013
2030	3.38%	3.39%	1.208	3.25%	1.219	0.14%	-0.012
2031	3.53%	3.49%	1.250	3.36%	1.260	0.13%	-0.011
2032	3.60%	3.58%	1.295	3.50%	1.305	0.08%	-0.010
2033	3.63%	3.62%	1.342	3.54%	1.351	0.09%	-0.009
2034	3.65%	3.65%	1.391	3.53%	1.398	0.12%	-0.008
2035	3.53%	3.56%	1.440	3.50%	1.447	0.06%	-0.007
2036	3.52%	3.52%	1.491	3.51%	1.498	0.01%	-0.007
2037	3.54%	3.53%	1.543	3.53%	1.551	0.00%	-0.008
2038	3.53%	3.53%	1.598	3.52%	1.606	0.01%	-0.008
2039	3.50%	3.51%	1.654	3.50%	1.662	0.01%	-0.008
2040	3.54%	3.53%	1.712	3.51%	1.720	0.02%	-0.008
2041	3.55%	3.55%	1.773	3.53%	1.781	0.02%	-0.008
2042	3.54%	3.54%	1.836	3.52%	1.843	0.02%	-0.007
2043	3.53%	3.53%	1.901	3.50%	1.908	0.03%	-0.007
2044	3.54%	3.53%	1.968	3.50%	1.975	0.03%	-0.007
2045	3.54%	3.54%	2.038	3.51%	2.044	0.03%	-0.007
2046	3.52%	3.53%	2.110	3.49%	2.116	0.03%	-0.006
2047	3.53%	3.52%	2.184	3.49%	2.190	0.03%	-0.006
2048	3.55%	3.54%	2.261	3.51%	2.266	0.03%	-0.005
2049	3.53%	3.54%	2.341	3.51%	2.346	0.03%	-0.005
2050	3.54%	3.54%	2.424	3.51%	2.428	0.03%	-0.004
2051	3.52%	3.53%	2.510	3.50%	2.513	0.03%	-0.004
2052	3.55%	3.54%	2.598	3.52%	2.602	0.02%	-0.003
2053	3.55%	3.55%	2.691	3.52%	0.000	0.02%	2.691
2054	3.54%	3.54%	2.786				

1/ All values represent a Bonneville Fiscal Year (October 1 - September 30).

Except for Column A which represents a standard Calendar Year.

2/ Fiscal Year Cumulative ECI escalates to midyear dollars. The first year, 2025, is determined as follows: $1.018 = (3.65\% \cdot 5) + 1$.

An example of subsequent year cumulative growth, such as in 2026, is found as: $1.056 = (1 + 3.68\%) \cdot 1.018$

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7. PROJECTED BONDS ISSUED TO TREASURY

7.1 Introduction

This chapter documents all the bonds that BPA has issued and those it projects it will issue to the U.S. Treasury to finance BPA capital investments and Reclamation/Corps investments that will be direct-funded by BPA.

7.2 Issuing Bonds

BPA primarily funds capital outlays by issuing new long-term debt in the form of bonds issued to the U.S. Treasury. BPA issues three types of bonds for Power Services: Construction, Fish and Wildlife, and Reclamation/Corps direct-funded. Construction bonds included in the generation study are the portions of bonds that fund furniture, information technology (IT) hardware and software for PS. Fish and Wildlife bonds are issued to fund the capital portion of BPA's Fish and Wildlife program. All bonds projected for issuance have been entered into the generation repayment study.

BPA no longer issues conservation bonds to fund the capital portion of BPA's conservation program. Instead, the program is treated as a current year expense. All existing conservation bonds will be retired by the end of FY 2028.

Reclamation/Corps direct funding bonds have a maximum maturity of 30 years although they may be issued for shorter durations or refinanced up to a maximum maturity of 45 years. Technology and agency services bonds have a maximum life of 5 years. Fish and Wildlife bonds have a maximum maturity of 15 years.

New bonds are based on projected BPA and Reclamation/Corps capital program outlays. Maturities reflect decisions about debt placement. The assignment practices for interest rates are discussed in Chapter 2 of the Study. The interest rates used are in Chapter 6 of this document.

Projected bonds reflect a borrowing plant that incorporates timing differences between capital spending and the actual borrowing. BPA does not typically issue new bonds every month to finance capital spending. Instead, it uses current reserves and replenishes reserves as needed. The amount yet to be borrowed is classified as "deferred borrowing." For the purposes of the repayment modeling, all deferred borrowing is assumed to be reduced to zero at the end of the rate period. For the purposes of the rate case, projected debt maturities are also selected to avoid premiums.

Table 7A

BPA Projected Generation Treasury Borrowing
FY 2025 - 2028
(\$000s)

		A	B	C	D
	FY	Description	Interest Rate	Term	Total Borrowing
1	2025	Bureau Direct	4.70%	30	34,700
2		Construction (AS)	3.65%	5	6,800
3		Corps	4.70%	30	64,800
4		Fish and Wildlife	4.21%	15	56,300
5		Technology (G)	3.65%	5	900
6		Corps	4.70%	30	64,800
7		Corps	4.70%	30	64,800
8		TOTAL			293,100
9					
10	2026	Bureau Direct	3.35%	6 mo	37,500
11		Construction (AS)	3.35%	6 mo	10,400
12		Corps	3.35%	6 mo	82,967
13		Fish and Wildlife	3.35%	6 mo	37,900
14		Technology (G)	3.20%	5	1,400
15		Corps	3.35%	5 mo	82,967
16		Corps	3.35%	4 mo	82,967
17		TOTAL			336,100
18					
19	2027	Bureau Direct	4.18%	30	50,800
20		Construction (AS)	3.09%	5	9,800
21		Corps	2.94%	6 mo	78,500
22		Fish and Wildlife	3.66%	15	67,000
23		Technology (G)	3.09%	5	1,400
24		Corps	2.94%	5 mo	78,500
25		Corps	2.94%	4 mo	54,500
26		Corps	4.18%	30	24,000
27		TOTAL			364,500
28					
29	2028	Bureau Direct	4.14%	30	61,600
30		Construction (AS)	3.08%	5	10,600
31		Corps	4.14%	30	74,933
32		Fish and Wildlife	3.64%	15	64,100
33		Technology (G)	3.08%	5	4,600
34		Corps	4.14%	30	74,933
35		Corps	4.14%	30	74,933
36		Bureau Direct	4.14%	30	20,778
37		Construction (AS)	3.08%	5	17,093
38		Corps	4.14%	30	99,765
39		Fish and Wildlife	3.64%	15	12,358
40		TOTAL			515,694

Table 7B

**BPA Projected Generation Appropriations
FY 2025 - 2028
(\$000s)**

		A	B	C	D
	FY	Description	Interest Rate	Term	Total Appropriation
1	2025	Columbia River Fish Mitigation	4.13%	50	12,651
2	2026	Columbia River Fish Mitigation	3.74%	50	51,524
3	2027	Columbia River Fish Mitigation	3.60%	50	4,704
4	2028	Columbia River Fish Mitigation	3.59%	50	<u>4,679</u>
5		TOTAL			73,557

Table 7C

**Projected Capital Spending with AFUDC
FY 2025 - 2028
(\$000s)**

A	B	C	D	E
<u>Program</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1 Corps of Engineers	223,228	282,825	270,832	259,332
2 Bureau of Reclamation	39,901	42,652	58,436	71,080
3 Fish & Wildlife	56,317	37,930	66,988	64,094
4 IT/Agency Services 1/	<u>7,651</u>	<u>11,794</u>	<u>11,187</u>	<u>15,193</u>
5 Total	327,097	375,201	407,443	409,698

1/ Includes 35% allocation of corporate capital spending

8. NON-FEDERAL DEBT SERVICE

8.1 Introduction

This chapter documents the data on third-party debt service or payment costs associated with capitalized contracts and other long-term, fixed contractual obligations. This chapter does not include replacements for the Columbia Generating Station (CGS). This information is included in Chapter 10 of this document.

8.2 Methodology

To determine debt service streams for EN Nuclear Projects WNP-1, CGS, and WNP-3, BPA uses a commercial municipal bond debt management model, DBC Debt Manager. All base debt service streams shown in Table 8A are based on the amount of non-Federal debt outstanding shown in BPA fiscal year values, as it will be reflected in BPA financial statements. Table 8B shows the principal payments in the bond holder's fiscal year which is used in the debt to asset ratio calculations. The debt service streams reflect all EN refinancings to date and projected CGS capital investments. Debt service streams are derived from such sources as Official Statements, Agency agreements, Agency contracts, and budgetary data.

Table 8A
Non-Federal Debt Service -- BPA Fiscal Year
(\$000s)

		A	B	C
Interest		2026	2027	2028
1	WNP-1	34,637	29,790	25,544
2	CGS	171,389	183,914	193,473
3	CGS Adjustments	-	-	-
4	CGS Expenses	-	-	-
5	CGS Total	171,389	183,914	193,473
6	WNP-3	43,781	39,344	34,978
7	Wasco	-	-	-
8	Cowlitz	2,145	1,874	1,589
9	Total	251,950	254,922	255,583
Principal		2026	2027	2028
10				
11	WNP-1 1/	(2,146)	(1,669)	-
12	CGS	33,153	37,141	33,375
15	WNP-3	-	(1,351)	(4,054)
16	Wasco	-	-	-
17	Cowlitz	5,155	5,430	5,710
18	Total	36,161	39,551	35,031

1/ Negative WNP-1 debt-service is an artifact of how RCD2 is modeled.

Table 8B
Non-Federal Principal-- Bond Holder Fiscal Year
(\$000s)

		A	B	C
		2026	2027	2028
1	WNP-1	(2,120)	(2,225)	-
2	CGS	30,750	40,360	27,485
3	WNP-3	-	-	(5,405)
4	Wasco	-	-	-
5	Cowlitz	4,900	5,155	5,430
6	Total	33,530	43,290	27,510

Table 8C
Amortization of Non-Federal Premiums/Discounts
(\$000s)

		A	B	C	D	E	F
		Amortization of Premiums					
		Bonds	Premium	2025	2026	2027	2028
1	2025	357,400	42,888	1,072	4,289	4,289	4,289
2	2026	370,615	44,474		1,112	4,447	4,447
3	2027	345,420	41,450	-	-	1,036	4,145
4	2028	518,000	62,160	-	-	-	1,554
5	Total			1,072	5,401	9,772	14,435

Amortized over 10 years

Premium Rate: 12%

Table 8D
Amortization of Cost of Issuance
(\$000s)

		A	B	C	D	E	F
		Amortization of Cost of Issuance					
		Bonds	Cost of	2025	2026	2027	2028
1	2025	357,400	1,000	<u>25</u>	100	100	100
2	2026	370,615	1,000		<u>25</u>	100	100
3	2027	345,420	1,000			<u>25</u>	100
4	2028	518,000	1,000				<u>25</u>
5	Total			25	125	225	325

Amortized over 10 years

9. IRRIGATION ASSISTANCE

9.1 Introduction

This chapter documents the irrigation construction costs for Federal reclamation projects in the Pacific Northwest that the FCRPS has an obligation to repay. These payments, known as irrigation assistance, have been included in the repayment study.

9.2 Background

In an effort to encourage settlement of the arid and semiarid lands of the Western United States, the 1902 Reclamation Act created the Reclamation to develop water resources for irrigation. The 1902 Reclamation Act provided that irrigators using the reclamation projects had 10 years to repay the construction costs of such projects. Title to the reclamation projects, however, remained with the Federal government even after all construction costs were repaid.

By the 1920s, a 10-year repayment period for irrigators was determined to be economically unrealistic. After several leniency acts and extensions, Congress passed the 1939 Reclamation Act, which changed the repayment period on reclamation projects to 40 years after a 10-year development period. Later revisions and project-specific legislation extended repayment periods for most reclamation projects to 50 years after a 10-year development period. However, the Kennewick project has a 66-year repayment period.

Originally, irrigators were responsible for repaying all project construction costs without interest. However, hydropower is a by-product of many reclamation projects and not all of the power generated is needed for irrigation works. As early as the Town Sites and Power Development Act (April 16, 1906, ch. 1631, 34 Stat. 116) Congress authorized Reclamation to lease surplus power and use the proceeds to repay part of the costs of the reclamation projects.

The concept of power revenues contributing to the repayment of Reclamation's multipurpose projects evolved to the current policy, in which power revenues are used to repay that portion of the project construction costs allocated to irrigation use that are beyond the irrigators' "ability to repay." Moreover, the costs to be repaid by power revenues, known as irrigation assistance, are to be repaid without interest. Reclamation has the responsibility to make the determination of the amount that is beyond the irrigators' "ability to repay" through a farm budget analysis. The results of this analysis are used to establish the irrigators' repayment responsibility. The irrigators, as an irrigation district, and Reclamation formalize this repayment responsibility in irrigation contracts.

9.3 Irrigation Repayment

In the Pacific Northwest, the Third Powerplant, Grand Coulee Dam legislation, P.L. 89-448, authorized repayment of the irrigation assistance costs from net revenues of the entire FCRPS. There are, however, limitations on the FCRPS's repayment responsibility. These limitations were added in amendment to the Third Powerplant, Grand Coulee Dam legislation, P.L. 89-561, and apply to reclamation projects, including projects not previously

receiving similar assistance, which are authorized to receive such assistance, for which construction was authorized after September 7, 1966.

The irrigation assistance for such projects is to be paid only from net revenues of the power system. Net revenues are defined as those revenues over and above the amount needed to recover all costs allocated to power, including the cost of acquiring power by purchase or exchange, and previously authorized irrigation assistance. The construction of such projects shall be scheduled so that the repayment of the irrigation assistance associated with such projects from power revenues will not require an increase in BPA's power rates.

The total of all irrigation assistance to be repaid from power revenues shall not average more than \$30 million per year in any period of 20 consecutive years.

Reclamation provides BPA with the irrigation assistance to be repaid from each reclamation project. The current generation repayment study includes information provided in July 2008. Because irrigation assistance costs are repaid without interest and BPA repays highest interest-bearing investment first, irrigation assistance is generally scheduled to be repaid in the last year of the repayment period for each reclamation project.

Beginning in FY 2024, Bonneville is recording irrigation assistance as an expense, rather than as a cash-only payment.

Table 9A
Irrigation Assistance by Project
(\$000s)

	A	B	C	
	Fiscal Year Due	Project	Amount	Total
1	2024	Columbia Basin	8,275	
2	2024 Total			8,275
3	2025	Columbia Basin	13,216	
4	2025 Total			13,216
5	2026	Columbia Basin	13,708	
6		Whitestone Coulee Unit	3,810	
7		Yakima, Roza	3,144	
8	2026 Total			20,662
9	2027	Columbia Basin	4,175	
10		Rogue River	2,194	
11	2027 Total			6,370
12	2028	Columbia Basin	7,430	
13		The Dalles	4,204	
14	2028 Total			11,634
15	2029	Baker	4,065	
16	2029 Total			4,065
17	2030	East Greenacres-Rathdrum	1,996	
18	2030 Total			1,996
19	2031	Columbia Basin	11,198	
20	2031 Total			11,198
21	2033	Rogue River	4,347	
22	2033 Total			4,347
23	2035	Columbia Basin	8,258	
24	2035 Total			8,258
25	2036	Manson Unit	16,163	
26		Tualatin	9,098	
27		Whitestone Coulee Unit	3,660	
28	2036 Total			28,920
29	2037	Columbia Basin	12,840	
30		East Greenacres-Rathdrum	3,178	
31	2037 Total			16,018
32	2039	Tualatin	13,964	
33	2039 Total			13,964
34	2041	Oroville Tonasket	73,659	
35	2041 Total			73,659
36	2045	Columbia Basin	12,321	
37	2045 Total			12,321
38				
39	Grand Total:			234,903

Note: Assistance for Lower Teton, \$40,273, is not included in this list, as it was never completed. Therefore the Administrator has no obligation to recover the cost.

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10. REPLACEMENTS PROJECTED AFTER THE COST EVALUATION PERIOD

10.1 Introduction

This chapter documents the process used to develop the capital investments necessary to maintain the existing Federal generating projects at their current operating level during the repayment period. This chapter also includes replacement costs for CGS. Replacement forecasts are included in repayment studies as required by RA 6120.2.

10.2 Methodology

The repayment study incorporates a schedule of Federal investment with the replacements that are expected to occur over the repayment period for existing generation projects. This schedule, expressed in mid-year dollars for each year of the repayment study is based on the amount of investment in the generating projects for the Corps and Reclamation through the end of the cost evaluation period.

A schedule of replacement investments for CGS is based on the original investment adjusted by the use of the Handy-Whitman indices for a nuclear power plant. The Handy-Whitman Index is widely used in industry for estimating replacement costs for plant. The result of this calculation was converted into a mortgage-style investment with payments sufficient to retire the replacement cost in 37 years.

Table 10A
Corps/Reclamation Replacements (FY 2026)
(\$000s)

	A	B	C	D
	In Service Date	Due Date	Current Principal	Interest Rate
1	2027	2062	235,389	4.13%
2	2028	2063	235,389	4.13%
3	2029	2064	235,389	4.13%
4	2030	2065	235,389	4.13%
5	2031	2066	235,389	4.13%
6	2032	2067	235,389	4.13%
7	2033	2068	235,389	4.13%
8	2034	2069	235,389	4.13%
9	2035	2070	235,389	4.13%
10	2036	2071	235,389	4.13%
11	2037	2072	235,389	4.13%
12	2038	2073	235,389	4.13%
13	2039	2074	235,389	4.13%
14	2040	2075	235,389	4.13%
15	2041	2076	235,389	4.13%
16	2042	2077	235,389	4.13%
17	2043	2078	235,389	4.13%
18	2044	2079	235,389	4.13%
19	2045	2080	235,389	4.13%
20	2046	2081	235,389	4.13%
21	2047	2082	235,389	4.13%
22	2048	2083	235,389	4.13%
23	2049	2084	235,389	4.13%
24	2050	2085	235,389	4.13%
25	2051	2086	235,389	4.13%
26	2052	2087	235,389	4.13%
27	2053	2088	235,389	4.13%
28	2054	2089	235,389	4.13%
29	2055	2090	235,389	4.13%
30	2056	2091	235,389	4.13%
31	2057	2092	235,389	4.13%
32	2058	2093	235,389	4.13%
33	2059	2094	235,389	4.13%
34	2060	2095	235,389	4.13%
35	2061	2096	235,389	4.13%
36	2062	2097	235,389	4.13%
37	2063	2098	235,389	4.13%
38	2064	2099	235,389	4.13%
39	2065	2100	235,389	4.13%
40	2066	2101	235,389	4.13%
41	2067	2102	235,389	4.13%
42	2068	2103	235,389	4.13%
43	2069	2104	235,389	4.13%
44	2070	2105	235,389	4.13%
45	2071	2106	235,389	4.13%
46	2072	2107	235,389	4.13%
47	2073	2108	235,389	4.13%
48	2074	2109	235,389	4.13%
49	2075	2110	235,389	4.13%
50	2076	2111	235,389	4.13%

Table 10B
Corps/Reclamation Replacements (FY 2027)
(\$000s)

	A	B	C	D
	In Service Date	Due Date	Current Principal	Interest Rate
1	2028	2063	252,830	4.07%
2	2029	2064	252,830	4.07%
3	2030	2065	252,830	4.07%
4	2031	2066	252,830	4.07%
5	2032	2067	252,830	4.07%
6	2033	2068	252,830	4.07%
7	2034	2069	252,830	4.07%
8	2035	2070	252,830	4.07%
9	2036	2071	252,830	4.07%
10	2037	2072	252,830	4.07%
11	2038	2073	252,830	4.07%
12	2039	2074	252,830	4.07%
13	2040	2075	252,830	4.07%
14	2041	2076	252,830	4.07%
15	2042	2077	252,830	4.07%
16	2043	2078	252,830	4.07%
17	2044	2079	252,830	4.07%
18	2045	2080	252,830	4.07%
19	2046	2081	252,830	4.07%
20	2047	2082	252,830	4.07%
21	2048	2083	252,830	4.07%
22	2049	2084	252,830	4.07%
23	2050	2085	252,830	4.07%
24	2051	2086	252,830	4.07%
25	2052	2087	252,830	4.07%
26	2053	2088	252,830	4.07%
27	2054	2089	252,830	4.07%
28	2055	2090	252,830	4.07%
29	2056	2091	252,830	4.07%
30	2057	2092	252,830	4.07%
31	2058	2093	252,830	4.07%
32	2059	2094	252,830	4.07%
33	2060	2095	252,830	4.07%
34	2061	2096	252,830	4.07%
35	2062	2097	252,830	4.07%
36	2063	2098	252,830	4.07%
37	2064	2099	252,830	4.07%
38	2065	2100	252,830	4.07%
39	2066	2101	252,830	4.07%
40	2067	2102	252,830	4.07%
41	2068	2103	252,830	4.07%
42	2069	2104	252,830	4.07%
43	2070	2105	252,830	4.07%
44	2071	2106	252,830	4.07%
45	2072	2107	252,830	4.07%
46	2073	2108	252,830	4.07%
47	2074	2109	252,830	4.07%
48	2075	2110	252,830	4.07%
49	2076	2111	252,830	4.07%
50	2077	2112	252,830	4.07%

Table 10C
Corps/Reclamation Replacements (FY 2028)
(\$000s)

	A	B	C	D
	In Service Date	Due Date	Current Principal	Interest Rate
1	2029	2064	265,989	4.06%
2	2030	2065	265,989	4.06%
3	2031	2066	265,989	4.06%
4	2032	2067	265,989	4.06%
5	2033	2068	265,989	4.06%
6	2034	2069	265,989	4.06%
7	2035	2070	265,989	4.06%
8	2036	2071	265,989	4.06%
9	2037	2072	265,989	4.06%
10	2038	2073	265,989	4.06%
11	2039	2074	265,989	4.06%
12	2040	2075	265,989	4.06%
13	2041	2076	265,989	4.06%
14	2042	2077	265,989	4.06%
15	2043	2078	265,989	4.06%
16	2044	2079	265,989	4.06%
17	2045	2080	265,989	4.06%
18	2046	2081	265,989	4.06%
19	2047	2082	265,989	4.06%
20	2048	2083	265,989	4.06%
21	2049	2084	265,989	4.06%
22	2050	2085	265,989	4.06%
23	2051	2086	265,989	4.06%
24	2052	2087	265,989	4.06%
25	2053	2088	265,989	4.06%
26	2054	2089	265,989	4.06%
27	2055	2090	265,989	4.06%
28	2056	2091	265,989	4.06%
29	2057	2092	265,989	4.06%
30	2058	2093	265,989	4.06%
31	2059	2094	265,989	4.06%
32	2060	2095	265,989	4.06%
33	2061	2096	265,989	4.06%
34	2062	2097	265,989	4.06%
35	2063	2098	265,989	4.06%
36	2064	2099	265,989	4.06%
37	2065	2100	265,989	4.06%
38	2066	2101	265,989	4.06%
39	2067	2102	265,989	4.06%
40	2068	2103	265,989	4.06%
41	2069	2104	265,989	4.06%
42	2070	2105	265,989	4.06%
43	2071	2106	265,989	4.06%
44	2072	2107	265,989	4.06%
45	2073	2108	265,989	4.06%
46	2074	2109	265,989	4.06%
47	2075	2110	265,989	4.06%
48	2076	2111	265,989	4.06%
49	2077	2112	265,989	4.06%
50	2078	2113	265,989	4.06%

Table 10D
Columbia Generating Station Replacements
(\$000s)

	A	B
	Fiscal Year	Total Debt Service
1	2045	489,037
2	2046	489,034
3	2047	489,038
4	2048	489,035
5	2049	489,036
6	2050	489,036
7	2051	489,035
8	2052	489,035
9	2053	489,035
10	2054	489,036
11	2055	489,037
12	2056	489,034
13	2057	489,034
14	2058	489,033
15	2059	489,039
16	2060	489,037
17	2061	489,038
18	2062	489,035
19	2063	489,035
20	2064	489,038
21	2065	489,035
22	2066	489,034
23	2067	489,038
24	2068	489,034
25	2069	489,035
26	2070	489,034
27	2071	489,034
28	2072	489,038
29	2073	489,036
30	2074	489,036
31	2075	489,038
32	2076	489,036
33	2077	489,034
34	2078	489,033
35	2079	489,034
36	2080	462,225
37	2081	462,225
38	2082	462,225
39	2083	462,225
40	2084	462,225
41	2085	462,225
42	2086	462,225
43	2087	462,225
44	2088	462,225
45	2089	462,225
46	2090	462,225
47	2091	462,225
48	2092	462,225
49	2093	462,225
50	2094	462,225

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11. REPAYMENT STUDY DATA, FY 2026 STUDY

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1995	09/2045	7.150%	1,105	0		
2	Albeni Falls	09/1995	09/2045	7.150%	443	0		
3	Albeni Falls	09/1995	09/2045	7.150%	531	0		
4	Albeni Falls	09/1997	09/2047	7.150%	431	0		
5	Albeni Falls	09/2005	09/2055	5.125%	481	0		
6	Albeni Falls	09/2009	09/2059	4.375%	57	0		
7	Albeni Falls	09/2010	09/2060	4.250%	42	42		
8	Boise	09/1996	09/2046	6.950%	7	0		
9	Boise	09/1996	09/2046	7.150%	442	0		
10	Boise	09/1996	09/2046	7.150%	656	0		
11	Boise	09/1997	09/2047	6.950%	9	0		
12	Boise	09/1997	09/2047	7.150%	2,266	0		
13	Boise	09/2005	09/2055	5.125%	903	0		
14	Boise	09/2006	09/2056	4.500%	15	0		
15	Boise	09/2007	09/2057	5.000%	76	0		
16	Boise	09/2008	09/2058	4.875%	64	0		
17	Boise	09/2009	09/2059	4.375%	2	0		
18	Boise	09/2015	09/2065	3.250%	0	0		
19	Boise	09/2016	09/2066	3.000%	118			
20	Boise	09/2018	09/2068	2.750%		0		
21	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
22	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
23	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
24	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
25	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
26	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
27	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
28	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
29	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
30	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
31	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
32	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
33	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
34	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
35	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
36	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
37	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
38	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
39	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
40	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
41	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
42	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
43	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
44	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
45	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
46	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
47	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
48	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
49	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
50	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
51	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
52	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
53	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
54	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
55	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
56	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
57	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
58	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
59	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
60	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
61	Bonneville Dam	09/1997	09/2047	7.150%	161	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
62	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
63	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
64	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
65	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
66	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
67	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
68	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
69	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
70	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
71	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
72	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
73	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
74	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
75	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
76	Bonneville Dam	09/2014	09/2064	3.875%				
77	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
78	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
79	Chief Joseph	09/1977	09/2027	7.150%	30,512	0		
80	Chief Joseph	09/1978	09/2028	7.150%	75,669	0		
81	Chief Joseph	09/1979	09/2029	7.150%	60,079	0		
82	Chief Joseph	09/1985	09/2029	7.150%	16,372	0		
83	Chief Joseph	09/1986	09/2029	7.150%	5,363	0		
84	Chief Joseph	09/1987	09/2029	7.150%	3,036	0		
85	Chief Joseph	09/1988	09/2029	7.150%	2,722	0		
86	Chief Joseph	09/1989	09/2029	7.150%	2,227	0		
87	Chief Joseph	09/1990	09/2029	7.150%	4,505	0		
88	Chief Joseph	09/1991	09/2029	8.750%	3,840	0		
89	Chief Joseph	09/1992	09/2029	8.500%	2,032	0		
90	Chief Joseph	09/1993	09/2029	7.875%	1,360	0		
91	Chief Joseph	09/1994	09/2029	7.125%	129	0		
92	Chief Joseph	09/1994	09/2029	7.125%	65	0		
93	Chief Joseph	09/1994	09/2044	7.150%	4,280	0		
94	Chief Joseph	09/1995	09/2045	7.150%	147	0		
95	Chief Joseph	09/1995	09/2045	7.150%	562	0		
96	Chief Joseph	09/1995	09/2045	7.150%	712	0		
97	Chief Joseph	09/1995	09/2045	7.150%	784	0		
98	Chief Joseph	09/1996	09/2031	7.150%	27	0		
99	Chief Joseph	09/1996	09/2046	7.150%	3	0		
100	Chief Joseph	09/1996	09/2046	7.150%	4	0		
101	Chief Joseph	09/1996	09/2046	7.150%	355	0		
102	Chief Joseph	09/1996	09/2046	7.150%	729	0		
103	Chief Joseph	09/1997	09/2032	7.150%	166	0		
104	Chief Joseph	09/1997	09/2047	7.150%	657	0		
105	Chief Joseph	09/2001	09/2051	5.875%	345	0		
106	Chief Joseph	09/2002	09/2052	5.500%	2	0		
107	Chief Joseph	09/2003	09/2053	5.125%	992	0		
108	Chief Joseph	09/2008	09/2058	4.875%	3,500	0		
109	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
110	Chief Joseph	09/2011	09/2061	3.750%	4	4		
111	Chief Joseph	09/2012	09/2062	3.375%	28	28		
112	Chief Joseph	09/2013	09/2063	2.875%	10	10		
113	Columbia Basin	09/1995	09/2020	7.250%	206	0		
114	Columbia Basin	09/1995	09/2030	7.150%	25	0		
115	Columbia Basin	09/1995	09/2030	7.860%	270	0		
116	Columbia Basin	09/1995	09/2030	7.860%	321	0		
117	Columbia Basin	09/1995	09/2030	7.860%	323	0		
118	Columbia Basin	09/1995	09/2030	7.860%	20	0		
119	Columbia Basin	09/1995	09/2045	7.150%	287	0		
120	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
121	Columbia Basin	09/1995	09/2045	7.860%	450	0		
122	Columbia Basin	09/1995	09/2045	7.860%	450	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
123	Columbia Basin	09/1996	09/2026	7.150%	72	0		
124	Columbia Basin	09/1996	09/2031	7.150%	109	0		
125	Columbia Basin	09/1996	09/2031	7.150%	251	0		
126	Columbia Basin	09/1996	09/2046	7.150%	426	0		
127	Columbia Basin	09/1996	09/2046	7.150%	368	0		
128	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
129	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		
130	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
131	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
132	Columbia Basin	09/2007	09/2057	5.000%	929	0		
133	Columbia Basin	09/2008	09/2058	4.875%	835	0		
134	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
135	Columbia Basin	09/2010	09/2060	4.250%	877	0		
136	Columbia Basin	09/2011	09/2061	3.750%	1,723	0		
137	Columbia Basin	09/2012	09/2062	3.375%	11	0		
138	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
139	Columbia Basin	09/2014	09/2064	3.875%	0	0		
140	Columbia Basin	09/2015	09/2065	3.250%	0	0		
141	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
142	Columbia Basin	09/2018	09/2068	2.750%	17	0		
143	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
144	Columbia Basin	09/2020	09/2070	2.125%	202	63		
145	Columbia Basin	09/2022	09/2072	1.875%	13,165	13,165		
146	Columbia Basin	09/2023	09/2073	3.375%	32	32		
147	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
148	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
149	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
150	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
151	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
152	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
153	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
154	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
155	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
156	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
157	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
158	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
159	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
160	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		
161	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
162	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
163	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
164	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
165	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
166	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
167	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
168	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
169	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
170	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
171	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
172	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
173	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
174	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
175	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
176	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
177	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
178	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
179	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
180	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
181	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
182	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
183	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
184	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
185	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
186	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
187	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	0		
188	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
189	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
190	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
191	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
192	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
193	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
194	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
195	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
196	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
197	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
198	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
199	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
200	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
201	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
202	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		
203	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,574	1,574		
204	Columbia River Fish Mitigation	09/2023	09/2073	3.375%	4,472	4,472		
205	Cougar	09/1997	09/2047	7.150%	26	0		
206	Cougar	09/2004	09/2054	5.375%	3,622	0		
207	Cougar	09/2005	09/2055	5.125%	8,130	0		
208	Cougar	09/2006	09/2056	4.500%	109	0		
209	Cougar	09/2007	09/2057	5.000%	120	0		
210	Cougar	09/2009	09/2059	4.375%	121	121		
211	Cougar	09/2010	09/2060	4.250%	59	59		
212	Cougar	09/2011	09/2061	3.750%	282	282		
213	Cougar	09/2012	09/2062	3.375%	139	139		
214	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
215	Cougar	09/2014	09/2064	3.875%	12	12		
216	Cougar	09/2016	09/2066	3.000%	2	2		
217	Cougar	09/2017	09/2067	2.375%	2	2		
218	Cougar	09/2020	09/2070	2.125%	267	267		
219	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
220	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
221	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
222	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
223	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
224	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
225	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
226	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
227	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
228	Dworshak	09/1973	09/2023	7.190%	138,443	0		
229	Dworshak	09/1973	09/2023	7.190%	836	0		
230	Dworshak	09/1974	09/2023	7.190%	515	0		
231	Dworshak	09/1974	09/2023	7.190%	3	0		
232	Dworshak	09/1975	09/2023	7.190%	518	0		
233	Dworshak	09/1975	09/2023	7.190%	3	0		
234	Dworshak	09/1976	09/2023	7.190%	518	0		
235	Dworshak	09/1976	09/2023	7.190%	3	0		
236	Dworshak	09/1977	09/2023	7.190%	518	0		
237	Dworshak	09/1977	09/2023	7.190%	3	0		
238	Dworshak	09/1978	09/2023	7.190%	518	0		
239	Dworshak	09/1978	09/2023	7.190%	3	0		
240	Dworshak	09/1979	09/2023	7.190%	518	0		
241	Dworshak	09/1979	09/2023	7.190%	3	0		
242	Dworshak	09/1980	09/2023	7.190%	518	0		
243	Dworshak	09/1980	09/2023	7.190%	3	0		
244	Dworshak	09/1981	09/2023	7.190%	518	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
245	Dworshak	09/1981	09/2023	7.190%	3	0		
246	Dworshak	09/1982	09/2023	7.190%	518	0		
247	Dworshak	09/1982	09/2023	7.190%	3	0		
248	Dworshak	09/1983	09/2023	7.190%	523	0		
249	Dworshak	09/1983	09/2023	7.190%	3	0		
250	Dworshak	09/1984	09/2023	10.750%	2,499	0		
251	Dworshak	09/1984	09/2023	10.750%	15	0		
252	Dworshak	09/1985	09/2023	7.190%	1,141	0		
253	Dworshak	09/1986	09/2023	7.190%	197	0		
254	Dworshak	09/1987	09/2023	7.190%	36	0		
255	Dworshak	09/1987	09/2023	8.875%	65	0		
256	Dworshak	09/1988	09/2023	8.500%	61	0		
257	Dworshak	09/1989	09/2023	9.250%	63	0		
258	Dworshak	09/1990	09/2023	8.875%	245	0		
259	Dworshak	09/1990	09/2023	8.875%	24	0		
260	Dworshak	09/1991	09/2023	8.750%	224	0		
261	Dworshak	09/1992	09/2023	2.625%	4	0		
262	Dworshak	09/1992	09/2023	8.500%	28	0		
263	Dworshak	09/1992	09/2023	8.500%	24	0		
264	Dworshak	09/1993	09/2023	7.875%	41	0		
265	Dworshak	09/1993	09/2023	7.875%	1,872	0		
266	Dworshak	09/1994	09/2029	7.125%	1,351	0		
267	Dworshak	09/1994	09/2029	7.125%	964	0		
268	Dworshak	09/1995	09/2020	7.930%	55	0		
269	Dworshak	09/1995	09/2030	7.150%	218	0		
270	Dworshak	09/1995	09/2045	7.150%	1,162	0		
271	Dworshak	09/1996	09/2021	7.230%	26	0		
272	Dworshak	09/1996	09/2021	7.230%	184	0		
273	Dworshak	09/1996	09/2031	7.150%	6	0		
274	Dworshak	09/1996	09/2031	7.150%	203	0		
275	Dworshak	09/1996	09/2046	7.150%	3	0		
276	Dworshak	09/1996	09/2046	7.150%	4	0		
277	Dworshak	09/1996	09/2046	7.150%	46	0		
278	Dworshak	09/1997	09/2047	7.150%	7,588	0		
279	Dworshak	09/1999	09/2049	5.375%	630	0		
280	Dworshak	09/2002	09/2052	5.500%	199	0		
281	Dworshak	09/2003	09/2053	5.125%	761	0		
282	Dworshak	09/2005	09/2055	5.125%	713	0		
283	Dworshak	09/2006	09/2056	4.500%	73	0		
284	Dworshak	09/2008	09/2058	4.875%	10	0		
285	Dworshak	09/2009	09/2059	4.375%	2,307	0		
286	Dworshak	09/2014	09/2064	3.875%	50	0		
287	Dworshak	09/2020	09/2070	2.125%	29	29		
288	Dworshak	09/2021	09/2071	1.375%	2	2		
289	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
290	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
291	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
292	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
293	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
294	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
295	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
296	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
297	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
298	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
299	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
300	Hills Creek	09/1996	09/2046	7.150%	28	0		
301	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
302	Hills Creek	09/2001	09/2051	5.875%	8	0		
303	Hills Creek	09/2002	09/2052	5.500%	2	0		
304	Hills Creek	09/2005	09/2055	5.125%	46	0		
305	Hills Creek	09/2011	09/2061	3.750%	12	12		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
306	Hills Creek	09/2012	09/2062	3.375%	142	142		
307	Hills Creek	09/2022	09/2072	1.875%	0	0		
308	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0		
309	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0		
310	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0		
311	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0		
312	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0		
313	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0		
314	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0		
315	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0		
316	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0		
317	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0		
318	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0		
319	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0		
320	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0		
321	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0		
322	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0		
323	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0		
324	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0		
325	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0		
326	Hungry Horse Dam	09/2023	09/2073	3.375%	4	4		
327	Ice Harbor	09/1976	09/2026	7.150%	20,472	0		
328	Ice Harbor	09/1976	09/2026	7.150%	228	0		
329	Ice Harbor	09/1985	09/2026	7.150%	21	0		
330	Ice Harbor	09/1994	09/2029	7.125%	328	0		
331	Ice Harbor	09/1994	09/2029	7.125%	520	0		
332	Ice Harbor	09/1996	09/2031	7.150%	78	0		
333	Ice Harbor	09/1996	09/2041	7.150%	371	0		
334	Ice Harbor	09/1997	09/2022	7.230%	66	0		
335	Ice Harbor	09/1997	09/2047	7.150%	67	0		
336	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
337	Ice Harbor	09/2000	09/2050	6.125%	548	0		
338	Ice Harbor	09/2001	09/2051	5.875%	764	0		
339	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
340	Ice Harbor	09/2003	09/2053	5.125%	50	0		
341	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
342	Ice Harbor	09/2008	09/2058	4.875%	14	0		
343	Ice Harbor	09/2009	09/2059	4.375%	2,615	0		
344	Ice Harbor	09/2010	09/2060	4.250%	207	207		
345	Ice Harbor	09/2011	09/2061	3.750%	819	819		
346	Ice Harbor	09/2012	09/2062	3.375%	115	115		
347	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
348	Ice Harbor	09/2016	09/2066	3.000%	558	558		
349	Ice Harbor	09/2019	09/2069	3.125%	630	630		
350	John Day	09/1970	09/2020	7.250%	23,656	0		
351	John Day	09/1971	09/2021	7.230%	34,974	0		
352	John Day	09/1972	09/2022	7.210%	11,502	0		
353	John Day	09/1984	09/2022	10.750%	3,677	0		
354	John Day	09/1985	09/2022	7.210%	6,490	0		
355	John Day	09/1985	09/2022	12.375%	1,209	0		
356	John Day	09/1986	09/2022	7.210%	3,227	0		
357	John Day	09/1986	09/2022	11.375%	713	0		
358	John Day	09/1987	09/2022	7.210%	706	0		
359	John Day	09/1987	09/2022	8.875%	4,353	0		
360	John Day	09/1988	09/2022	8.500%	332	0		
361	John Day	09/1988	09/2022	8.500%	199	0		
362	John Day	09/1989	09/2022	7.210%	30	0		
363	John Day	09/1989	09/2022	9.250%	377	0		
364	John Day	09/1990	09/2022	7.210%	37	0		
365	John Day	09/1990	09/2022	8.875%	543	0		
366	John Day	09/1991	09/2022	8.750%	13,218	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
367	John Day	09/1991	09/2022	8.750%	144	0	
368	John Day	09/1992	09/2022	7.210%	19	0	
369	John Day	09/1992	09/2022	8.500%	95	0	
370	John Day	09/1993	09/2022	7.875%	7,810	0	
371	John Day	09/1993	09/2022	7.875%	9,585	0	
372	John Day	09/1994	09/2029	7.125%	1,252	0	
373	John Day	09/1995	09/2020	7.250%	79	0	
374	John Day	09/1995	09/2035	7.150%	22	0	
375	John Day	09/1995	09/2035	7.150%	52	0	
376	John Day	09/1995	09/2035	7.150%	121	0	
377	John Day	09/1995	09/2045	7.150%	37	0	
378	John Day	09/1995	09/2045	7.150%	608	0	
379	John Day	09/1995	09/2045	7.150%	7,653	0	
380	John Day	09/1997	09/2022	7.230%	133	0	
381	John Day	09/1997	09/2047	7.150%	179	0	
382	John Day	09/1999	09/2049	5.375%	3,510	0	
383	John Day	09/2000	09/2050	6.125%	2,761	0	
384	John Day	09/2001	09/2051	5.875%	619	0	
385	John Day	09/2004	09/2054	5.375%	2,830	0	
386	John Day	09/2005	09/2055	5.125%	2,827	0	
387	John Day	09/2006	09/2056	4.500%	601	0	
388	John Day	09/2007	09/2057	5.000%	233	0	
389	John Day	09/2009	09/2059	4.375%	1,548	0	
390	John Day	09/2010	09/2060	4.250%	356	356	
391	John Day	09/2011	09/2061	3.750%	175	175	
392	John Day	09/2012	09/2062	3.375%	6,161	6,050	
393	John Day	09/2013	09/2063	2.875%	17	0	
394	John Day	09/2015	09/2065	3.250%	163	0	
395	Libby	09/1975	09/2025	7.160%	54,644	0	
396	Libby	09/1976	09/2026	7.150%	153,432	0	
397	Libby	09/1977	09/2026	7.150%	1,465	0	
398	Libby	09/1978	09/2026	7.150%	1,465	0	
399	Libby	09/1979	09/2026	7.150%	1,465	0	
400	Libby	09/1980	09/2026	7.150%	1,465	0	
401	Libby	09/1981	09/2026	7.150%	1,465	0	
402	Libby	09/1982	09/2026	7.150%	1,465	0	
403	Libby	09/1983	09/2026	7.150%	1,465	0	
404	Libby	09/1984	09/2026	10.750%	104	0	
405	Libby	09/1985	09/2026	7.150%	518	0	
406	Libby	09/1986	09/2026	7.150%	283	0	
407	Libby	09/1987	09/2026	7.150%	2	0	
408	Libby	09/1988	09/2026	8.505%	35	0	
409	Libby	09/1988	09/2038	7.150%	18,043	0	
410	Libby	09/1989	09/2026	7.150%	1	0	
411	Libby	09/1989	09/2026	9.250%	131	0	
412	Libby	09/1990	09/2026	8.875%	11	0	
413	Libby	09/1991	09/2026	8.750%	134	0	
414	Libby	09/1992	09/2026	8.500%	100	0	
415	Libby	09/1992	09/2026	8.500%	70	0	
416	Libby	09/1993	09/2026	7.875%	600	0	
417	Libby	09/1994	09/2029	7.125%	215	0	
418	Libby	09/1994	09/2029	7.150%	286	0	
419	Libby	09/1995	09/2030	7.150%	15	0	
420	Libby	09/1995	09/2030	7.150%	41	0	
421	Libby	09/1995	09/2030	7.150%	94	0	
422	Libby	09/1997	09/2022	7.230%	432	0	
423	Libby	09/1997	09/2047	7.150%	660	0	
424	Libby	09/2001	09/2051	5.875%	5,562	0	
425	Libby	09/2008	09/2058	4.875%	1,567	0	
426	Libby	09/2010	09/2060	4.250%	40	40	
427	Libby	09/2011	09/2061	3.750%	152	152	

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
428	Libby	09/2012	09/2062	3.375%	16	16		
429	Libby	09/2018	09/2068	2.750%	282	282		
430	Libby	09/2020	09/2070	2.125%	5	5		
431	Little Goose	09/1970	09/2020	7.250%	22,326	0		
432	Little Goose	09/1971	09/2021	7.230%	42,962	0		
433	Little Goose	09/1972	09/2021	7.230%	28	0		
434	Little Goose	09/1973	09/2021	7.230%	29	0		
435	Little Goose	09/1974	09/2021	7.230%	28	0		
436	Little Goose	09/1975	09/2021	7.230%	29	0		
437	Little Goose	09/1976	09/2021	7.230%	28	0		
438	Little Goose	09/1977	09/2021	7.230%	29	0		
439	Little Goose	09/1978	09/2021	7.230%	28	0		
440	Little Goose	09/1978	09/2028	7.150%	49,578	0		
441	Little Goose	09/1979	09/2021	7.230%	29	0		
442	Little Goose	09/1980	09/2021	7.230%	28	0		
443	Little Goose	09/1981	09/2021	7.230%	29	0		
444	Little Goose	09/1982	09/2021	7.230%	28	0		
445	Little Goose	09/1983	09/2021	7.230%	29	0		
446	Little Goose	09/1984	09/2021	10.750%	201	0		
447	Little Goose	09/1985	09/2021	7.230%	174	0		
448	Little Goose	09/1985	09/2028	7.150%	47	0		
449	Little Goose	09/1986	09/2021	7.230%	239	0		
450	Little Goose	09/1987	09/2021	7.230%	6	0		
451	Little Goose	09/1987	09/2021	8.875%	72	0		
452	Little Goose	09/1988	09/2021	8.500%	12	0		
453	Little Goose	09/1988	09/2021	8.500%	68	0		
454	Little Goose	09/1989	09/2021	9.250%	77	0		
455	Little Goose	09/1990	09/2021	8.875%	408	0		
456	Little Goose	09/1990	09/2021	8.875%	21	0		
457	Little Goose	09/1991	09/2021	8.750%	266	0		
458	Little Goose	09/1992	09/2021	8.500%	66	0		
459	Little Goose	09/1992	09/2021	8.500%	27	0		
460	Little Goose	09/1993	09/2021	7.875%	276	0		
461	Little Goose	09/1993	09/2021	7.875%	3,359	0		
462	Little Goose	09/1994	09/2029	7.125%	2,044	0		
463	Little Goose	09/1995	09/2040	7.150%	17	0		
464	Little Goose	09/1995	09/2040	7.150%	450	0		
465	Little Goose	09/1995	09/2040	7.150%	733	0		
466	Little Goose	09/1996	09/2046	7.150%	10	0		
467	Little Goose	09/1996	09/2046	7.150%	10	0		
468	Little Goose	09/1996	09/2046	7.150%	211	0		
469	Little Goose	09/1996	09/2046	7.150%	241	0		
470	Little Goose	09/1996	09/2046	7.150%	520	0		
471	Little Goose	09/1996	09/2046	7.150%	3,909	0		
472	Little Goose	09/1997	09/2047	7.150%	1	0		
473	Little Goose	09/2001	09/2051	5.875%	4,608	0		
474	Little Goose	09/2002	09/2052	5.500%	27	0		
475	Little Goose	09/2003	09/2053	5.125%	146	0		
476	Little Goose	09/2004	09/2054	5.375%	67	0		
477	Little Goose	09/2008	09/2058	4.875%	13	0		
478	Little Goose	09/2009	09/2059	4.375%	3,171	0		
479	Little Goose	09/2010	09/2060	4.250%	30	30		
480	Little Goose	09/2013	09/2063	2.875%	66	66		
481	Little Goose	09/2018	09/2068	2.750%	2,707	2,707		
482	Little Goose	09/2020	09/2070	2.125%	5,504	5,504		
483	Little Goose	09/2021	09/2071	1.375%	7	7		
484	Lookout Dam	09/1995	09/2045	7.150%	80	0		
485	Lookout Dam	09/1995	09/2045	7.150%	33	0		
486	Lookout Dam	09/1995	09/2045	7.860%	9	0		
487	Lookout Dam	09/1995	09/2045	7.860%	15	0		
488	Lookout Dam	09/1995	09/2045	7.860%	31	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
489	Lookout Dam	09/1995	09/2045	7.860%	157	0	
490	Lookout Dam	09/2000	09/2050	6.125%	5,098	0	
491	Lookout Dam	09/2003	09/2053	5.125%	135	0	
492	Lookout Dam	09/2005	09/2055	5.125%	7,355	0	
493	Lookout Dam	09/2007	09/2057	5.000%	572	0	
494	Lookout Dam	09/2011	09/2061	3.750%	17	17	
495	Lookout Dam	09/2012	09/2062	3.375%	294	294	
496	Lost Creek	09/1977	09/2027	7.150%	14,293	0	
497	Lost Creek	09/1978	09/2027	7.150%	58	0	
498	Lost Creek	09/1979	09/2027	7.150%	60	0	
499	Lost Creek	09/1980	09/2027	7.150%	60	0	
500	Lost Creek	09/1981	09/2027	7.150%	60	0	
501	Lost Creek	09/1982	09/2027	7.150%	60	0	
502	Lost Creek	09/1983	09/2027	7.150%	60	0	
503	Lost Creek	09/1984	09/2027	10.750%	243	0	
504	Lost Creek	09/1985	09/2027	7.150%	12	0	
505	Lost Creek	09/1986	09/2027	7.150%	6	0	
506	Lost Creek	09/1986	09/2027	11.375%	5	0	
507	Lost Creek	09/1987	09/2027	7.150%	4	0	
508	Lost Creek	09/1987	09/2027	8.875%	3	0	
509	Lost Creek	09/1988	09/2027	8.500%	7	0	
510	Lost Creek	09/1989	09/2027	9.250%	9	0	
511	Lost Creek	09/1990	09/2027	8.875%	1	0	
512	Lost Creek	09/1991	09/2027	8.750%	31	0	
513	Lost Creek	09/1992	09/2027	8.500%	1	0	
514	Lost Creek	09/1992	09/2027	8.500%	1	0	
515	Lost Creek	09/1993	09/2027	7.875%	1	0	
516	Lost Creek	09/1993	09/2027	7.875%	14	0	
517	Lost Creek	09/1995	09/2045	7.150%	94	0	
518	Lost Creek	09/1996	09/2031	7.150%	31	0	
519	Lost Creek	09/1996	09/2046	7.150%	24	0	
520	Lost Creek	09/2001	09/2051	5.875%	147	0	
521	Lost Creek	09/2011	09/2061	3.750%	7	7	
522	Lower Granite	09/1975	09/2025	7.160%	119,237	0	
523	Lower Granite	09/1976	09/2025	7.160%	510	0	
524	Lower Granite	09/1977	09/2025	7.160%	510	0	
525	Lower Granite	09/1978	09/2025	7.160%	510	0	
526	Lower Granite	09/1978	09/2028	7.150%	40,611	0	
527	Lower Granite	09/1979	09/2025	7.160%	510	0	
528	Lower Granite	09/1980	09/2025	7.160%	510	0	
529	Lower Granite	09/1981	09/2025	7.160%	510	0	
530	Lower Granite	09/1982	09/2025	7.160%	510	0	
531	Lower Granite	09/1983	09/2025	7.160%	510	0	
532	Lower Granite	09/1984	09/2025	10.750%	311	0	
533	Lower Granite	09/1985	09/2025	7.160%	328	0	
534	Lower Granite	09/1986	09/2025	7.160%	215	0	
535	Lower Granite	09/1986	09/2025	11.375%	4	0	
536	Lower Granite	09/1987	09/2025	7.160%	8	0	
537	Lower Granite	09/1987	09/2025	8.875%	60	0	
538	Lower Granite	09/1988	09/2025	8.500%	22	0	
539	Lower Granite	09/1988	09/2025	8.500%	95	0	
540	Lower Granite	09/1989	09/2025	9.250%	112	0	
541	Lower Granite	09/1990	09/2025	8.875%	392	0	
542	Lower Granite	09/1991	09/2025	8.750%	281	0	
543	Lower Granite	09/1991	09/2025	8.750%	6	0	
544	Lower Granite	09/1992	09/2025	8.500%	83	0	
545	Lower Granite	09/1992	09/2025	8.500%	121	0	
546	Lower Granite	09/1993	09/2025	7.875%	26	0	
547	Lower Granite	09/1993	09/2025	7.875%	3,272	0	
548	Lower Granite	09/1994	09/2029	7.150%	3,543	0	
549	Lower Granite	09/1995	09/2025	7.160%	96	0	

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
550	Lower Granite	09/1996	09/2031	7.150%	206	0	
551	Lower Granite	09/1996	09/2046	7.150%	9	0	
552	Lower Granite	09/1996	09/2046	7.150%	625	0	
553	Lower Granite	09/1997	09/2047	7.150%	677	0	
554	Lower Granite	09/1999	09/2049	5.375%	856	0	
555	Lower Granite	09/2001	09/2051	5.875%	2,025	0	
556	Lower Granite	09/2002	09/2052	5.500%	1,275	0	
557	Lower Granite	09/2003	09/2053	5.125%	42	0	
558	Lower Granite	09/2005	09/2055	5.125%	393	0	
559	Lower Granite	09/2008	09/2058	4.875%	24	0	
560	Lower Granite	09/2009	09/2059	4.375%	5,669	446	
561	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156	
562	Lower Granite	09/2011	09/2061	3.750%	8	8	
563	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644	
564	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597	
565	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878	
566	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822	
567	Lower Granite	09/2021	09/2071	1.375%	423	423	
568	Lower Monument	09/1970	09/2020	7.250%	51,218	0	
569	Lower Monument	09/1971	09/2020	7.250%	214	0	
570	Lower Monument	09/1972	09/2020	7.250%	214	0	
571	Lower Monument	09/1973	09/2020	7.250%	214	0	
572	Lower Monument	09/1974	09/2020	7.250%	214	0	
573	Lower Monument	09/1975	09/2020	7.250%	214	0	
574	Lower Monument	09/1976	09/2020	7.250%	214	0	
575	Lower Monument	09/1977	09/2020	7.250%	214	0	
576	Lower Monument	09/1978	09/2020	7.250%	214	0	
577	Lower Monument	09/1979	09/2020	7.250%	214	0	
578	Lower Monument	09/1979	09/2029	7.150%	40,669	0	
579	Lower Monument	09/1980	09/2020	7.250%	214	0	
580	Lower Monument	09/1981	09/2020	7.250%	214	0	
581	Lower Monument	09/1982	09/2020	7.250%	214	0	
582	Lower Monument	09/1983	09/2020	7.250%	214	0	
583	Lower Monument	09/1985	09/2020	7.250%	8	0	
584	Lower Monument	09/1985	09/2029	7.150%	256	0	
585	Lower Monument	09/1986	09/2020	7.250%	132	0	
586	Lower Monument	09/1987	09/2020	7.250%	3	0	
587	Lower Monument	09/1987	09/2020	8.875%	50	0	
588	Lower Monument	09/1988	09/2020	8.500%	58	0	
589	Lower Monument	09/1988	09/2020	8.500%	1	0	
590	Lower Monument	09/1989	09/2020	9.250%	93	0	
591	Lower Monument	09/1990	09/2020	8.875%	358	0	
592	Lower Monument	09/1991	09/2020	8.750%	594	0	
593	Lower Monument	09/1992	09/2020	8.500%	4,484	0	
594	Lower Monument	09/1993	09/2020	7.875%	24	0	
595	Lower Monument	09/1993	09/2020	7.875%	2,175	0	
596	Lower Monument	09/1994	09/2029	7.125%	2,167	0	
597	Lower Monument	09/1995	09/2045	7.150%	41	0	
598	Lower Monument	09/1995	09/2045	7.150%	99	0	
599	Lower Monument	09/1995	09/2045	7.150%	624	0	
600	Lower Monument	09/1995	09/2045	7.150%	1,122	0	
601	Lower Monument	09/1996	09/2021	7.230%	37	0	
602	Lower Monument	09/1996	09/2021	7.230%	51	0	
603	Lower Monument	09/1996	09/2036	7.150%	264	0	
604	Lower Monument	09/1996	09/2046	7.150%	10	0	
605	Lower Monument	09/2001	09/2051	5.875%	3,301	0	
606	Lower Monument	09/2002	09/2052	5.500%	29	0	
607	Lower Monument	09/2003	09/2053	5.125%	22	0	
608	Lower Monument	09/2004	09/2054	5.375%	3,423	0	
609	Lower Monument	09/2005	09/2055	5.125%	527	0	
610	Lower Monument	09/2006	09/2056	4.500%	285	0	

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
611	Lower Monument	09/2008	09/2058	4.875%	9	0	
612	Lower Monument	09/2009	09/2059	4.375%	2,332	0	
613	Lower Monument	09/2012	09/2062	3.375%	89	89	
614	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430	
615	Lower Monument	09/2016	09/2066	3.000%	155	155	
616	Lower Monument	09/2017	09/2067	2.375%	942	942	
617	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0	
618	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0	
619	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0	
620	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0	
621	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0	
622	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0	
623	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0	
624	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0	
625	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0	
626	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0	
627	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0	
628	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0	
629	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0	
630	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0	
631	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0	
632	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0	
633	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0	
634	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	0	
635	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0	
636	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540	
637	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6	
638	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122	
639	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222	
640	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256	
641	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608	
642	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295	
643	McNary	09/1995	09/2045	7.150%	16	0	
644	McNary	09/1996	09/2026	7.150%	74	0	
645	McNary	09/1996	09/2026	7.150%	277	0	
646	McNary	09/1996	09/2046	7.150%	619	0	
647	McNary	09/1997	09/2032	7.150%	30	0	
648	McNary	09/2001	09/2051	5.875%	1,046	0	
649	McNary	09/2003	09/2053	5.125%	97	0	
650	McNary	09/2004	09/2054	5.375%	6,138	0	
651	McNary	09/2005	09/2055	5.125%	550	0	
652	McNary	09/2006	09/2056	4.500%	4,080	0	
653	McNary	09/2008	09/2058	4.875%	215	0	
654	McNary	09/2011	09/2061	3.750%	565	565	
655	McNary	09/2012	09/2062	3.375%	11	11	
656	McNary	09/2013	09/2063	2.875%	1,000	1,000	
657	McNary	09/2014	09/2064	3.875%	759	759	
658	McNary	09/2017	09/2067	2.375%	239	239	
659	McNary	09/2019	09/2069	3.125%	479	479	
660	Minidoka/Palisades	09/1994	09/2029	7.125%	351	0	
661	Minidoka/Palisades	09/1997	09/2047	7.150%	50,911	0	
662	Minidoka/Palisades	09/2001	09/2051	5.875%	42	0	
663	Minidoka/Palisades	09/2012	09/2062	3.375%	7	0	
664	Minidoka/Palisades	09/2015	09/2065	3.250%	19,237	15,518	
665	Minidoka/Palisades	09/2016	09/2066	3.000%	206	0	
666	Minidoka/Palisades	09/2017	09/2067	2.375%	127	0	
667	Minidoka/Palisades	09/2018	09/2068	2.750%	145	145	
668	Minidoka/Palisades	09/2019	09/2069	3.125%		0	
669	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0	
670	RRP - Green Springs	09/2012	09/2062	3.375%	2	0	
671	RRP - Green Springs	09/2013	09/2063	2.875%		0	

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
672	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099	
673	RRP - Green Springs	09/2020	09/2070	2.125%	64	0	
674	RRP - Green Springs	09/2021	09/2071	1.375%	692	0	
675	RRP - Green Springs	09/2022	09/2072	1.875%	1	1	
676	RRP - Green Springs	09/2023	09/2073	3.375%	9	9	
677	The Dalles	09/1973	09/2023	7.190%	21,983	0	
678	The Dalles	09/1974	09/2024	7.170%	7,268	0	
679	The Dalles	09/1994	09/2029	7.125%	1,425	0	
680	The Dalles	09/1996	09/2046	7.150%	1,991	0	
681	The Dalles	09/2000	09/2050	6.125%	2,588	0	
682	The Dalles	09/2002	09/2052	5.500%	1,226	0	
683	The Dalles	09/2004	09/2054	5.375%	182	0	
684	The Dalles	09/2005	09/2055	5.125%	36,019	0	
685	The Dalles	09/2006	09/2056	4.500%	2,030	0	
686	The Dalles	09/2007	09/2057	5.000%	140	0	
687	The Dalles	09/2008	09/2058	4.875%	1,651	0	
688	The Dalles	09/2015	09/2065	3.250%	302	302	
689	The Dalles	09/2016	09/2066	3.000%	4	4	
690	The Dalles	09/2017	09/2067	2.375%	10	10	
691	The Dalles	09/2018	09/2068	2.750%	15	15	
692	The Dalles	09/2019	09/2069	3.125%	129	158	
693	Yakima Chandler/Kennewick	09/1956	09/2022	7.210%	1,068	0	
694	Yakima Chandler/Kennewick	09/1956	09/2022	7.210%	481	0	
695	Yakima Chandler/Kennewick	09/1959	09/2022	7.210%	1	0	
696	Yakima Chandler/Kennewick	09/1960	09/2022	7.210%	1	0	
697	Yakima Chandler/Kennewick	09/1961	09/2022	7.210%	1	0	
698	Yakima Chandler/Kennewick	09/1984	09/2022	10.750%	10	0	
699	Yakima Chandler/Kennewick	09/1984	09/2022	10.750%	35	0	
700	Yakima Chandler/Kennewick	09/1985	09/2022	12.375%	357	0	
701	Yakima Chandler/Kennewick	09/1986	09/2022	7.210%	439	0	
702	Yakima Chandler/Kennewick	09/1986	09/2022	11.375%	7	0	
703	Yakima Chandler/Kennewick	09/1987	09/2022	8.875%	126	0	
704	Yakima Chandler/Kennewick	09/1989	09/2022	9.250%	18	0	
705	Yakima Chandler/Kennewick	09/1990	09/2022	8.875%	40	0	
706	Yakima Chandler/Kennewick	09/1991	09/2022	8.750%	109	0	
707	Yakima Chandler/Kennewick	09/2005	09/2055	5.125%	833	0	
708	Yakima Chandler/Kennewick	09/2009	09/2059	4.375%	15	0	
709	Yakima Chandler/Kennewick	09/2018	09/2068	2.750%	49	0	
710	Yakima Roza	09/2001	09/2051	5.875%	15	0	
711	Bureau Direct	01/2009	01/2021	3.999%	25,000	0	
712	Bureau Direct	04/2009	04/2023	4.391%	25,000	0	
713	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000	
714	Bureau Direct	03/2010	03/2020	4.083%	30,000	0	
715	Bureau Direct	04/2010	04/2020	3.973%	18,000	0	
716	Bureau Direct	05/2010	05/2020	3.574%	15,000	0	
717	Bureau Direct	06/2010	06/2020	3.243%	10,000	0	
718	Bureau Direct	06/2010	06/2020	3.243%	30,000	0	
719	Bureau Direct	07/2010	07/2020	3.118%	17,000	0	
720	Bureau Direct	08/2010	08/2020	0.165%	5,000	0	
721	Bureau Direct	09/2010	09/2021	2.883%	22,000	0	
722	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000	
723	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000	
724	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000	
725	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000	
726	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000	
727	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000	
728	Bureau Direct	09/2011	07/2041	3.825%	30,000	0	
729	Bureau Direct	12/2011	12/2038	3.880%	35,000	0	
730	Bureau Direct	01/2012	01/2038	3.893%	15,000	0	
731	Bureau Direct	02/2012	09/2024	5.060%	55,000	16,500	
732	Bureau Direct	06/2012	06/2041	3.666%	50,000	0	

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
733	Bureau Direct	08/2012	07/2042	3.834%	44,000	0		
734	Bureau Direct	09/2012	09/2042	3.668%	25,000	0		
735	Bureau Direct	01/2013	01/2043	6.194%	70,000	0		
736	Bureau Direct	02/2013	02/2043	5.993%	18,000	0		
737	Bureau Direct	03/2013	03/2043	5.958%	15,000	0		
738	Bureau Direct	04/2013	04/2043	5.633%	15,000	0		
739	Bureau Direct	05/2013	05/2043	6.192%	18,000	0		
740	Bureau Direct	06/2013	01/2039	1.580%	35,000	0		
741	Bureau Direct	06/2013	06/2043	6.938%	21,000	0		
742	Bureau Direct	07/2013	07/2034	7.164%	25,000	0		
743	Bureau Direct	08/2013	08/2034	7.413%	15,000	0		
744	Bureau Direct	11/2013	09/2020	2.473%	51,000	0		
745	Bureau Direct	11/2013	09/2021	2.812%	50,000	0		
746	Bureau Direct	11/2013	09/2022	3.125%	19,000	0		
747	Bureau Direct	09/2014	05/2032	1.669%	16,000	0		
748	Bureau Direct	09/2014	05/2032	1.669%	10,000	0		
749	Bureau Direct	09/2014	06/2033	1.630%	11,000	0		
750	Bureau Direct	09/2014	06/2033	1.630%	12,000	0		
751	Bureau Direct	09/2014	07/2033	1.580%	15,000	0		
752	Bureau Direct	09/2015	09/2033	3.134%	10,000	0		
753	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000		
754	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000		
755	Bureau Direct	08/2018	01/2048	1.580%	13,000	0		
756	Bureau Direct	08/2018	02/2048	0.059%	5,000	0		
757	Bureau Direct	08/2018	03/2048	1.896%	26,000	0		
758	Bureau Direct	08/2018	06/2048	1.630%	16,000	0		
759	Bureau Direct	09/2018	02/2048	0.668%	29,000	0		
760	Bureau Direct	12/2018	09/2029	3.100%	13,000	0		
761	Bureau Direct	12/2018	09/2029	3.100%	43,000	0		
762	Bureau Direct	08/2019	08/2021	0.119%	20,000	0		
763	Bureau Direct	10/2019	09/2021	0.112%	20,000	0		
764	Bureau Direct	11/2019	09/2020	0.302%	7,000	0		
765	Bureau Direct	12/2019	09/2020	0.302%	13,000	0		
766	Bureau Direct	03/2020	09/2020	0.326%	30,000	0		
767	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000		
768	Bureau Direct	04/2020	09/2020	0.240%	18,000	0		
769	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000		
770	Bureau Direct	05/2020	09/2020	0.179%	15,000	0		
771	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000		
772	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000		
773	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000		
774	Bureau Direct	06/2020	09/2020	0.148%	30,000	0		
775	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000		
776	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000		
777	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000		
778	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000		
779	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000		
780	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000		
781	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000		
782	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000		
783	Bureau Direct	09/2020	09/2021	0.112%	51,000	0		
784	Bureau Direct	09/2020	09/2021	0.112%	30,000	0		
785	Bureau Direct	09/2020	09/2021	0.112%	5,000	0		
786	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000		
787	Bureau Direct	08/2022	09/2024	5.060%	18,000	3,000		
788	Bureau Direct	03/2023	09/2052	4.538%	12,000	12,000		
789	Bureau Direct	05/2023	11/2035	4.059%	7,000	7,000		
790	Bureau Direct	08/2023	08/2037	4.499%	8,000	8,000		
791	Bureau Direct	07/2024	09/2030	4.212%	7,000	7,000		
792	Bureau Direct	07/2024	09/2030	4.152%	8,000	8,000		
793	Conservation	01/2011	01/2023	4.046%	40,000	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
794	Conservation	04/2011	04/2023	3.932%	35,000	0		
795	Conservation	08/2011	08/2023	3.206%	40,000	0		
796	Conservation	12/2011	12/2037	0.189%	55,000	0		
797	Conservation	08/2012	08/2024	2.788%	15,000	0		
798	Conservation	03/2013	03/2025	4.992%	10,000	0		
799	Conservation	04/2013	04/2025	4.553%	12,000	0		
800	Conservation	08/2013	08/2025	6.973%	5,000	0		
801	Conservation	10/2013	10/2025	3.568%	34,000	0		
802	Conservation	11/2013	09/2023	3.375%	27,000	0		
803	Conservation	12/2013	12/2021	3.142%	6,000	0		
804	Conservation	12/2013	12/2023	5.536%	55,000	0		
805	Conservation	01/2014	01/2026	3.621%	5,000	0		
806	Conservation	04/2014	09/2024	5.419%	30,000	30,000		
807	Conservation	05/2014	04/2024	0.230%	15,000	0		
808	Conservation	05/2014	04/2025	5.011%	3,000	0		
809	Conservation	06/2014	10/2024	5.011%	5,000	0		
810	Conservation	07/2014	07/2025	4.809%	12,000	0		
811	Conservation	08/2014	09/2025	4.886%	4,000	0		
812	Conservation	10/2014	12/2024	4.787%	10,000	0		
813	Conservation	11/2014	03/2027	1.896%	6,000	0		
814	Conservation	12/2014	12/2023	2.403%	7,000	0		
815	Conservation	01/2015	01/2024	1.908%	7,000	0		
816	Conservation	02/2015	02/2024	2.251%	8,000	0		
817	Conservation	03/2015	03/2025	2.295%	5,000	0		
818	Conservation	04/2015	04/2024	2.269%	5,000	0		
819	Conservation	05/2015	05/2021	1.898%	5,000	0		
820	Conservation	07/2015	07/2021	2.067%	14,000	0		
821	Conservation	08/2015	08/2022	2.233%	6,000	0		
822	Conservation	09/2015	09/2022	2.062%	4,000	0		
823	Conservation	10/2015	10/2027	5.011%	25,000	0		
824	Conservation	01/2018	09/2022	2.513%	9,000	0		
825	Conservation	01/2018	09/2022	2.513%	20,000	0		
826	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
827	Conservation	09/2022	09/2028	4.886%	5,000	0		
828	Conservation	12/2023	09/2024	5.399%	7,000	7,000		
829	Conservation	12/2023	09/2024	5.399%	55,000	55,000		
830	Conservation	04/2024	09/2024	5.454%	5,000	5,000		
831	Construction (AS)	10/1992	10/2032	8.350%	38	0		
832	Construction (AS)	07/1995	07/2025	7.700%	67	0		
833	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
834	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
835	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
836	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
837	Construction (AS)	05/2014	04/2020	1.681%	700	0		
838	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
839	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
840	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		
841	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
842	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
843	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
844	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
845	Construction (AS)	09/2018	12/2023	3.064%	4,200	0		
846	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
847	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
848	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
849	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
850	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
851	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
852	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
853	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
854	Construction (AS)	04/2020	09/2020	0.240%	700	0		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A		B	C	D	E	F	G	H
Project		In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
855	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
856	Construction (AS)	03/2023	09/2028	3.855%	2,000	2,000		
857	Construction (AS)	12/2023	09/2024	5.399%	4,200	4,200		
858	Corps	09/2015	09/2033	3.134%	4,000	0		
859	Corps	02/2016	02/2045	0.668%	3,000	0		
860	Corps	04/2016	04/2031	2.661%	53,000	19,393		
861	Corps	05/2016	05/2030	2.599%	15,000	15,000		
862	Corps	07/2016	07/2030	2.145%	25,000	25,000		
863	Corps	08/2018	02/2048	0.668%	7,000	0		
864	Corps	08/2018	03/2048	1.896%	24,000	0		
865	Corps	08/2018	05/2048	1.669%	21,000	0		
866	Corps	08/2018	06/2048	1.630%	24,000	0		
867	Corps	08/2018	07/2048	1.580%	32,000	0		
868	Corps	08/2018	10/2048	1.681%	27,000	0		
869	Corps	08/2018	11/2048	1.669%	25,000	0		
870	Corps	09/2018	01/2048	1.580%	2,000	0		
871	Corps	09/2018	03/2048	1.896%	54,200	0		
872	Corps	09/2018	07/2048	1.580%	64,000	0		
873	Corps	09/2018	08/2048	0.668%	17,000	0		
874	Corps	08/2019	08/2021	0.119%	21,000	0		
875	Corps	11/2019	07/2021	0.138%	34,000	0		
876	Corps	11/2019	09/2021	0.112%	40,000	0		
877	Corps	03/2020	09/2047	2.103%	24,000	24,000		
878	Corps	04/2020	04/2028	0.945%	27,000	27,000		
879	Corps	04/2020	04/2044	1.744%	40,000	40,000		
880	Corps	04/2020	04/2050	1.827%	50,000	50,000		
881	Corps	05/2020	05/2048	1.953%	21,000	21,000		
882	Corps	05/2020	11/2048	1.957%	25,000	25,000		
883	Corps	06/2020	06/2049	1.812%	24,000	24,000		
884	Corps	07/2020	01/2046	1.640%	2,000	2,000		
885	Corps	07/2020	07/2046	1.651%	32,000	32,000		
886	Corps	07/2020	07/2047	1.667%	64,000	64,000		
887	Corps	05/2021	05/2022	0.074%	45,000	0		
888	Corps	06/2021	06/2022	0.118%	30,000	0		
889	Corps	06/2021	06/2022	0.118%	20,000	0		
890	Corps	06/2021	06/2022	0.118%	17,000	0		
891	Corps	07/2021	07/2022	0.090%	28,000	0		
892	Corps	07/2021	07/2022	0.090%	24,000	0		
893	Corps	07/2021	07/2022	0.090%	15,000	0		
894	Corps	08/2021	08/2022	0.087%	29,000	0		
895	Corps	08/2021	08/2022	0.087%	22,000	0		
896	Corps	08/2021	08/2022	0.087%	16,000	0		
897	Corps	02/2022	02/2042	2.732%	37,000	37,000		
898	Corps	02/2022	02/2051	2.825%	35,000	35,000		
899	Corps	02/2022	02/2052	2.829%	34,000	34,000		
900	Corps	08/2022	09/2024	5.060%	18,300	18,300		
901	Corps	08/2022	08/2047	5.060%	13,700	13,700		
902	Corps	08/2022	08/2049	5.060%	33,000	33,000		
903	Corps	02/2023	02/2050	3.595%	21,000	21,000		
904	Corps	02/2023	02/2050	3.595%	19,000	19,000		
905	Corps	03/2023	03/2053	4.548%	13,000	13,000		
906	Corps	05/2023	11/2034	4.027%	13,000	13,000		
907	Corps	05/2023	05/2035	4.043%	22,000	22,000		
908	Corps	08/2023	02/2038	4.505%	30,000	30,000		
909	Corps	08/2023	08/2038	4.519%	27,000	27,000		
910	Corps	07/2024	09/2029	4.182%	8,000	8,000		
911	Corps	07/2024	09/2029	4.123%	7,000	7,000		
912	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	0		
913	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	0		
914	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
915	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		

TABLE 11A
HISTORICAL INVESTMENTS
FY 2026
(\$000s)

A	B	C	D	E	F	G	H
Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
916	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0	
917	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0	
918	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0	
919	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0	
920	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0	
921	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0	
922	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0	
923	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0	
924	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0	
925	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000	
926	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000	
927	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000	
928	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0	
929	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	0	
930	Fish and Wildlife	11/2013	05/2027	4.697%	5,000	0	
931	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000	
932	Fish and Wildlife	04/2014	02/2029	5.026%	7,000	0	
933	Fish and Wildlife	05/2014	04/2027	5.011%	11,000	0	
934	Fish and Wildlife	08/2014	07/2029	4.809%	5,000	0	
935	Fish and Wildlife	10/2014	01/2029	4.809%	15,000	0	
936	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0	
937	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0	
938	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000	
939	Fish and Wildlife	10/2015	02/2031	5.026%	4,000	0	
940	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0	
941	Fish and Wildlife	02/2016	02/2031	5.026%	4,000	0	
942	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0	
943	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0	
944	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0	
945	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0	
946	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0	
947	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000	
948	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0	
949	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000	
950	Fish and Wildlife	08/2022	09/2024	5.060%	29,000	29,000	
951	Fish and Wildlife	03/2023	09/2037	4.115%	13,000	13,000	
952	Fish and Wildlife	08/2023	02/2038	4.505%	4,000	4,000	
953	Fish and Wildlife	06/2024	09/2024	5.454%	20,000	20,000	
954	Fish and Wildlife	07/2024	09/2030	4.212%	6,000	6,000	
955	Fish and Wildlife	07/2024	09/2030	4.152%	4,000	4,000	
956	Technology (G)	01/2015	01/2021	1.469%	35,000	0	
957	Technology (G)	10/2015	07/2022	0.443%	6,000	0	
958	Technology (G)	08/2019	08/2021	0.119%	3,000	0	
959	Technology (G)	05/2023	05/2028	3.941%	5,000	5,000	
960	Technology (G)	07/2024	09/2028	4.190%	5,000	5,000	
961	Technology (G)	07/2024	09/2028	4.132%	5,000	5,000	
962	Totals:				15,142,377	2,724,993	

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

A		B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2024	Albeni Falls	Historical	42	4.249%	2	-	-	2
2	2024	Boise	Historical		3.257%		-	-	
3	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2024	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
6	2024	Columbia River Fish Mitigation	Historical	976,876	3.193%	31,190	-	-	31,190
7	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2024	Dworshak	Historical	31	2.077%	1	-	-	1
10	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2024	Hills Creek	Historical	154	3.404%	5	-	-	5
12	2024	Hungry Horse Dam	Historical	4	3.375%		-	-	
13	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
14	2024	John Day	Historical	6,580	3.432%	226	-	-	226
15	2024	Libby	Historical	494	3.192%	16	-	-	16
16	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
17	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
18	2024	Lost Creek	Historical	7	3.748%		-	-	
19	2024	Lower Granite	Historical	26,975	2.541%	685	-	-	685
20	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
21	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
22	2024	McNary	Historical	3,052	3.287%	100	-	-	100
23	2024	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
24	2024	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
25	2024	The Dalles	Historical	489	3.174%	16	-	-	16
26	2024	Bureau Direct	Historical	539,500	3.217%	17,356	-	(1,526)	15,829
27	2024	Bureau Direct	New	15,000	-	-	-	115	115
28	2024	Conservation	Historical	36,000	4.677%	1,684	-	-	1,684
29	2024	Conservation	New	67,000	3.917%	2,624	-	-	2,624
30	2024	Construction (AS)	Historical	2,000	3.855%	77	-	-	77
31	2024	Construction (AS)	New	4,200	4.049%	170	-	-	170
32	2024	Corps	Historical	684,393	2.771%	18,961	-	(200)	18,762
33	2024	Corps	New	15,000	-	-	-	116	116
34	2024	Fish and Wildlife	Historical	193,000	3.721%	7,182	-	-	7,182
35	2024	Fish and Wildlife	New	30,000	0.909	273	-	79	352
36	2024	Technology (G)	Historical	5,000	3.941%	197	-	-	197
37	2024	Technology (G)	New	10,000	-	-	-	77	77
38	2024	Float	Historical	-	0	(2,742)	-	-	(2,742)
39	FY 2024	Subtotal:		2,724,993		81,642	-	(1,337)	80,305
40	2025	Albeni Falls	Historical	42	4.249%	2	-	-	2
41	2025	Boise	Historical		3.257%		-	-	
42	2025	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
43	2025	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
44	2025	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
45	2025	Columbia River Fish Mitigation	Historical	990,321	3.209%	31,778	-	-	31,778
46	2025	Cougar	Historical	4,971	2.953%	147	-	-	147
47	2025	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
48	2025	Dworshak	Historical	31	2.077%	1	-	-	1
49	2025	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
50	2025	Hills Creek	Historical	154	3.404%	5	-	-	5
51	2025	Hungry Horse Dam	Historical	4	3.375%		-	-	
52	2025	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
53	2025	John Day	Historical	6,580	3.432%	226	-	-	226
54	2025	Libby	Historical	494	3.192%	16	-	-	16
55	2025	Little Goose	Historical	8,314	2.341%	195	-	-	195
56	2025	Lookout Dam	Historical	311	3.396%	11	-	-	11
57	2025	Lost Creek	Historical	7	3.748%		-	-	
58	2025	Lower Granite	Historical	26,975	2.541%	685	-	-	685
59	2025	Lower Monument	Historical	2,617	3.266%	85	-	-	85
60	2025	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
61	2025	McNary	Historical	3,052	3.287%	100	-	-	100
62	2025	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
63	2025	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
64	2025	The Dalles	Historical	489	3.174%	16	-	-	16
65	2025	Bureau Direct	Historical	380,000	2.414%	9,174	-	(697)	8,477
66	2025	Bureau Direct	New	34,700	2.348%	815	-	-	815
67	2025	Conservation	Historical	6,000	0.964%	58	-	-	58
68	2025	Construction (AS)	Historical	12,000	3.800%	456	-	-	456
69	2025	Construction (AS)	New	6,800	1.825%	124	-	-	124
70	2025	Corps	Historical	647,093	2.5977	16,809	-	(807)	16,002
71	2025	Corps	New	194,400	0.783%	1,522	-	2,282	3,804
72	2025	Fish and Wildlife	Historical	184,000	3.457%	6,360	-	(368)	5,992

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
73	2025	Fish and Wildlife	New	56,300	2.106%	1,186	-	-	1,186
74	2025	Technology (G)	Historical	15,000	4.608%	691	-	(143)	548
75	2025	Technology (G)	New	900	1.824%	16	-	-	16
76	2025	Float	Historical	-	-	(2,314)	-	-	(2,314)
77	FY 2025	Subtotal:		2,674,538		71,347	-	267	71,613
78	2026	Boise	Historical		3.257%		-	-	
79	2026	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
80	2026	Chief Joseph	Historical	42	3.281%	1	-	-	1
81	2026	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
82	2026	Columbia River Fish Mitigation	Historical	829,492	2.988%	24,782	-	-	24,782
83	2026	Cougar	Historical	4,791	2.901%	139	-	-	139
84	2026	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
85	2026	Dworshak	Historical	31	2.077%	1	-	-	1
86	2026	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
87	2026	Hills Creek	Historical	154	3.404%	5	-	-	5
88	2026	Hungry Horse Dam	Historical	4	3.375%		-	-	
89	2026	Ice Harbor	Historical	5,296	3.289%	174	-	-	174
90	2026	John Day	Historical	6,224	3.386%	211	-	-	211
91	2026	Libby	Historical	454	3.099%	14	-	-	14
92	2026	Little Goose	Historical	8,284	2.335%	193	-	-	193
93	2026	Lookout Dam	Historical	311	3.396%	11	-	-	11
94	2026	Lost Creek	Historical	7	3.748%		-	-	
95	2026	Lower Granite	Historical	25,373	2.431%	617	-	-	617
96	2026	Lower Monument	Historical	2,617	3.266%	85	-	-	85
97	2026	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
98	2026	McNary	Historical	3,052	3.287%	100	-	-	100
99	2026	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
100	2026	RRP - Green Springs	Historical	1,109	3.1254	35	-	-	35
101	2026	The Dalles	Historical	489	3.174%	16	-	-	16
102	2026	Bureau Direct	Historical	337,700	2.126%	7,181	-	-	7,181
103	2026	Bureau Direct	New	37,500	1.673%	627	-	-	627
104	2026	Conservation	Historical	6,000	0.964%	58	-	-	58
105	2026	Construction (AS)	Historical	18,800	3.745%	704	-	-	704
106	2026	Construction (AS)	New	10,400	1.673%	174	-	-	174
107	2026	Corps	Historical	738,793	2.877%	21,257	-	(78)	21,179
108	2026	Corps	New	248,900	1.394%	3,470	-	-	3,470
109	2026	Fish and Wildlife	Historical	185,378	3.561%	6,600	-	(399)	6,202
110	2026	Fish and Wildlife	New	37,900	1.673%	634	-	-	634
111	2026	Technology (G)	Historical	10,900	4.119%	449	-	-	449
112	2026	Technology (G)	New	1,400	1.599%	22	-	-	22
113	2026	Float	Historical	-	-	(1,906)	-	-	(1,906)
114	FY 2026	Subtotal:		2,577,289		67,288	-	(477)	66,811
115	2027	Boise	Historical		3.257%		-	-	
116	2027	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
117	2027	Chief Joseph	Historical	42	3.281%	1	-	-	1
118	2027	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
119	2027	Columbia River Fish Mitigation	Historical	881,016	3.031%	26,707	-	-	26,707
120	2027	Cougar	Historical	4,791	2.901%	139	-	-	139
121	2027	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
122	2027	Dworshak	Historical	31	2.077%	1	-	-	1
123	2027	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
124	2027	Hills Creek	Historical	154	3.404%	5	-	-	5
125	2027	Hungry Horse Dam	Historical	4	3.375%		-	-	
126	2027	Ice Harbor	Historical	5,296	3.289%	174	-	-	174
127	2027	John Day	Historical	6,224	3.386%	211	-	-	211
128	2027	Libby	Historical	454	3.099%	14	-	-	14
129	2027	Little Goose	Historical	8,284	2.3345	193	-	-	193
130	2027	Lookout Dam	Historical	311	3.396%	11	-	-	11
131	2027	Lost Creek	Historical	7	3.748%		-	-	
132	2027	Lower Granite	Historical	25,373	2.431%	617	-	-	617
133	2027	Lower Monument	Historical	2,617	3.266%	85	-	-	85
134	2027	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
135	2027	McNary	Historical	3,052	3.287%	100	-	-	100
136	2027	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
137	2027	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
138	2027	The Dalles	Historical	489	3.174%	16	-	-	16
139	2027	Bureau Direct	Historical	315,700	1.809%	5,710	-	-	5,710
140	2027	Construction (AS)	Historical	18,800	3.745%	704	-	-	704
141	2027	Corps	Historical	703,793	2.705%	19,037	-	(2,282)	16,755
142	2027	Fish and Wildlife	Historical	146,078	2.426%	3,544	-	-	3,544
143	2027	Replacements	New	235,389	2.063%	4,857	-	-	4,857
144	2027	Technology (G)	Historical	12,300	2.336%	287	-	-	287

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
145	2027	Float	Historical	-	-	(1,445)	-	-	(1,445)
146	FY 2027	Subtotal:		2,427,202		62,635	-	(2,282)	60,353
147		2028 Boise	Historical		3.257%		-	-	
148		2028 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
149		2028 Chief Joseph	Historical	42	3.281%	1	-	-	1
150		2028 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
151		2028 Columbia River Fish Mitigation	Historical	881,016	3.031%	26,707	-	-	26,707
152		2028 Cougar	Historical	4,791	2.901%	139	-	-	139
153		2028 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
154		2028 Dworshak	Historical	31	2.077%	1	-	-	1
155		2028 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
156		2028 Hills Creek	Historical	154	3.404%	5	-	-	5
157		2028 Hungry Horse Dam	Historical	4	3.375%		-	-	
158		2028 Ice Harbor	Historical	5,296	3.288%	174	-	-	174
159		2028 John Day	Historical	6,224	3.386%	211	-	-	211
160		2028 Libby	Historical	454	3.099%	14	-	-	14
161		2028 Little Goose	Historical	8,284	2.335%	193	-	-	193
162		2028 Lookout Dam	Historical	311	3.396%	11	-	-	11
163		2028 Lost Creek	Historical	7	3.748%		-	-	
164		2028 Lower Granite	Historical	25,373	2.431%	617	-	-	617
165		2028 Lower Monument	Historical	2,617	3.266%	85	-	-	85
166		2028 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
167		2028 McNary	Historical	3,052	3.287%	100	-	-	100
168		2028 Minidoka/Palises	Historical	15,664	3.245%	508	-	-	508
169		2028 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
170		2028 The Dalles	Historical	489	3.174%	16	-	-	16
171		2028 Bureau Direct	Historical	273,000	1.732%	4,729	-	-	4,729
172		2028 Construction (AS)	Historical	18,800	3.745%	704	-	-	704
173		2028 Corps	Historical	501,393	2.217%	11,118	-	(27)	11,090
174		2028 Fish and Wildlife	Historical	70,078	2.726%	1,910	-	-	1,910
175		2028 Replacements	Historical	235,389	4.127%	9,714	-	-	9,714
176		2028 Replacements	New	235,389	2.063%	4,857	-	-	4,857
177		2028 Technology (G)	Historical	2,378	3.399%	81	-	-	81
178		2028 Float	Historical	-	-	(482)	-	-	(482)
179	FY 2028	Subtotal:		2,331,569		62,572	-	(27)	62,545
180		2029 Boise	Historical		3.257%		-	-	
181		2029 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
182		2029 Chief Joseph	Historical	42	3.281%	1	-	-	1
183		2029 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
184		2029 Columbia River Fish Mitigation	Historical	835,406	2.981%	24,907	-	-	24,907
185		2029 Cougar	Historical	4,791	2.901%	139	-	-	139
186		2029 Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
187		2029 Dworshak	Historical	31	2.076%	1	-	-	1
188		2029 Green Peter/Foster	Historical	263	3.354%	9	-	-	9
189		2029 Hills Creek	Historical	154	3.404%	5	-	-	5
190		2029 Hungry Horse Dam	Historical	4	3.375%		-	-	
191		2029 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
192		2029 John Day	Historical	6,224	3.386%	211	-	-	211
193		2029 Libby	Historical	454	3.099%	14	-	-	14
194		2029 Little Goose	Historical	8,284	2.335%	193	-	-	193
195		2029 Lookout Dam	Historical	311	3.396%	11	-	-	11
196		2029 Lost Creek	Historical	7	3.748%		-	-	
197		2029 Lower Granite	Historical	22,728	2.263%	514	-	-	514
198		2029 Lower Monument	Historical	1,187	2.532%	30	-	-	30
199		2029 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
200		2029 McNary	Historical	2,294	3.093%	71	-	-	71
201		2029 Minidoka/Palises	Historical	15,664	3.245%	508	-	-	508
202		2029 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
203		2029 The Dalles	Historical	489	3.174%	16	-	-	16
204		2029 Bureau Direct	Historical	273,000	1.732%	4,729	-	-	4,729
205		2029 Construction (AS)	Historical	16,800	2.994%	503	-	-	503
206		2029 Corps	Historical	487,393	2.090%	10,188	-	(122)	10,067
207		2029 Fish and Wildlife	Historical	67,078	2.182%	1,464	-	(339)	1,124
208		2029 Replacements	Historical	470,778	4.127%	19,427	-	-	19,427
209		2029 Replacements	New	235,389	2.063%	4,857	-	-	4,857
210		2029 Technology (G)	Historical	2,300	2.661%	61	-	-	61
211		2029 Float	Historical	-	-	(1,639)	-	-	(1,639)
212	FY 2029	Subtotal:		2,497,034		67,531	-	(461)	67,070
213		2030 Boise	Historical		1.629%		-	-	
214		2030 Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
215		2030 Chief Joseph	Historical	10	2.876		-	-	
216		2030 Columbia Basin	Historical	23,424	2.296%	538	-	-	538

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

A		B		D	E	F	G	H	I	J
Column1	Fiscal Year	Project		Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
217	2030	Columbia River Fish Mitigation	Historical		555,933	2.610%	14,508	-	-	14,508
218	2030	Cougar	Historical		4,359	2.829%	123	-	-	123
219	2030	Detroit Lake/Big Cliff	Historical		560	2.878%	16	-	-	16
220	2030	Dworshak	Historical		31	2.077%	1	-	-	1
221	2030	Green Peter/Foster	Historical		148	3.017%	4	-	-	4
222	2030	Hungry Horse Dam	Historical		4	3.375%		-	-	
223	2030	Ice Harbor	Historical		4,363	3.200%	140	-	-	140
224	2030	Libby	Historical		287	2.739%	8	-	-	8
225	2030	Little Goose	Historical		8,284	2.335%	193	-	-	193
226	2030	Lower Granite	Historical		22,720	2.262%	514	-	-	514
227	2030	Lower Monument	Historical		1,098	2.463%	27	-	-	27
228	2030	Lower Snake Fish and Wildlife	Historical		3,160	2.791%	88	-	-	88
229	2030	McNary	Historical		1,717	2.875%	49	-	-	49
230	2030	Minidoka/Palisesades	Historical		15,664	3.245%	508	-	-	508
231	2030	RRP - Green Springs	Historical		1,109	3.125%	35	-	-	35
232	2030	The Dalles	Historical		489	3.174%	16	-	-	16
233	2030	Bureau Direct	Historical		273,000	1.732%	4,729	-	(42)	4,686
234	2030	Corps	Historical		447,393	2.117%	9,473	-	(219)	9,254
235	2030	Fish and Wildlife	Historical		46,000	2.183%	1,004	-	-	1,004
236	2030	Replacements	Historical		706,167	4.127%	29,141	-	-	29,141
237	2030	Replacements	New		235,389	2.063%	4,857	-	-	4,857
238	2030	Technology (G)	Historical		1,400	1.599%	22	-	-	22
239	2030	Float	Historical		-	-	(1,353)	-	-	(1,353)
240	FY 2030	Subtotal:			2,353,816		64,675	-	(262)	64,414
241	2031	Bonneville Dam	Historical		268	2.875%	8	-	-	8
242	2031	Chief Joseph	Historical		10	2.876%		-	-	
243	2031	Columbia Basin	Historical		16,093	1.965%	316	-	-	316
244	2031	Columbia River Fish Mitigation	Historical		342,272	2.239%	7,662	-	-	7,662
245	2031	Cougar	Historical		4,357	2.829%	123	-	-	123
246	2031	Dworshak	Historical		31	2.077%	1	-	-	1
247	2031	Green Peter/Foster	Historical		1	2.156%		-	-	
248	2031	Libby	Historical		287	2.739%	8	-	-	8
249	2031	Little Goose	Historical		8,218	2.330%	191	-	-	191
250	2031	Lower Granite	Historical		19,245	2.109%	406	-	-	406
251	2031	Lower Monument	Historical		942	2.375%	22	-	-	22
252	2031	Lower Snake Fish and Wildlife	Historical		1,903	2.653%	50	-	-	50
253	2031	McNary	Historical		239	2.375%	6	-	-	6
254	2031	Minidoka/Palisesades	Historical		145	2.750%	4	-	-	4
255	2031	RRP - Green Springs	Historical		1	1.934%		-	-	
256	2031	The Dalles	Historical		25	2.600%	1	-	-	1
257	2031	Bureau Direct	Historical		261,000	1.664%	4,344	-	(209)	4,135
258	2031	Corps	Historical		407,393	1.803%	7,345	-	(417)	6,928
259	2031	Fish and Wildlife	Historical		38,000	2.508%	953	-	-	953
260	2031	Replacements	Historical		941,556	4.127%	38,854	-	-	38,854
261	2031	Replacements	New		235,389	2.063%	4,857	-	-	4,857
262	2031	Float	Historical		-	-	(1,181)	-	-	(1,181)
263	FY 2031	Subtotal:			2,277,376		63,972	-	(627)	63,345
264	2032	Columbia Basin	Historical		16,093	1.961%	316	-	-	316
265	2032	Columbia River Fish Mitigation	Historical		220,034	1.530%	3,367	-	-	3,367
266	2032	Cougar	Historical		269	1.072%	3	-	-	3
267	2032	Dworshak	Historical		31	2.077%	1	-	-	1
268	2032	Green Peter/Foster	Historical		1	2.156%		-	-	
269	2032	Libby	Historical		5	2.109%		-	-	
270	2032	Little Goose	Historical		5,511	2.124%	117	-	-	117
271	2032	Lower Granite	Historical		19,245	2.109%	406	-	-	406
272	2032	Lower Monument	Historical		942	2.375%	22	-	-	22
273	2032	Lower Snake Fish and Wildlife	Historical		295	1.062%	3	-	-	3
274	2032	McNary	Historical		239	2.375%	6	-	-	6
275	2032	RRP - Green Springs	Historical		1	1.934%		-	-	
276	2032	The Dalles	Historical		10	2.371%		-	-	
277	2032	Bureau Direct	Historical		235,000	1.602%	3,765	-	(103)	3,662
278	2032	Corps	Historical		302,389	1.770%	5,355	-	(47)	5,308
279	2032	Fish and Wildlife	Historical		38,000	1.251%	475	-	(81)	394
280	2032	Replacements	Historical		1,176,945	4.127%	48,568	-	-	48,568
281	2032	Replacements	New		235,389	2.063%	4,857	-	-	4,857
282	2032	Float	Historical		-	-	(991)	-	-	(991)
283	FY 2032	Subtotal:			2,250,399		66,269	-	(231)	66,038
284	2033	Columbia Basin	Historical		13,165	0.938%	123	-	-	123
285	2033	Columbia River Fish Mitigation	Historical		84,879	1.356%	1,151	-	-	1,151
286	2033	Dworshak	Historical		31	1.083%		-	-	
287	2033	Green Peter/Foster	Historical		1	1.078%		-	-	
288	2033	Libby	Historical		5	1.055%		-	-	

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
289	2033	Little Goose	Historical	5,511	1.063%	59	-	-	59
290	2033	Lower Granite	Historical	19,245	1.069%	206	-	-	206
291	2033	RRP - Green Springs	Historical	1	0.966%	-	-	-	-
292	2033	Bureau Direct	Historical	209,000	1.524%	3,186	-	(385)	2,800
293	2033	Corps	Historical	282,000	1.711%	4,826	-	(303)	4,523
294	2033	Replacements	Historical	1,412,334	4.127%	58,281	-	-	58,281
295	2033	Replacements	New	235,389	2.063%	4,857	-	-	4,857
296	2033	Float	Historical	-	-	(920)	-	-	(920)
297	FY 2033	Subtotal:		2,261,561		71,768	-	(688)	71,080
298	2034	Columbia River Fish Mitigation	Historical	80,420	1.375%	1,106	-	-	1,106
299	2034	Dworshak	Historical	2	1.413%	-	-	-	-
300	2034	Little Goose	Historical	7	1.369%	-	-	-	-
301	2034	Lower Granite	Historical	423	1.374%	6	-	-	6
302	2034	Bureau Direct	Historical	121,000	1.347%	1,630	-	(384)	1,245
303	2034	Corps	Historical	211,823	1.314%	2,784	-	(997)	1,787
304	2034	Replacements	Historical	1,647,723	4.127%	67,995	-	-	67,995
305	2034	Replacements	New	235,389	2.063%	4,857	-	-	4,857
306	2034	Float	Historical	-	-	(1,161)	-	-	(1,161)
307	FY 2034	Subtotal:		2,296,787		77,215	-	(1,381)	75,834
308	2035	Columbia River Fish Mitigation	Historical	80,420	0.687%	553	-	-	553
309	2035	Dworshak	Historical	2	0.706%	-	-	-	-
310	2035	Little Goose	Historical	7	0.685%	-	-	-	-
311	2035	Lower Granite	Historical	423	0.687%	3	-	-	3
312	2035	Bureau Direct	Historical	48,000	0.753%	362	-	(119)	242
313	2035	Corps	Historical	17,496	0.824%	144	-	(48)	97
314	2035	Replacements	Historical	1,883,112	4.017%	75,646	-	-	75,646
315	2035	Replacements	New	235,389	2.063%	4,857	-	-	4,857
316	2035	Float	Historical	-	-	(1,119)	-	-	(1,119)
317	FY 2035	Subtotal:		2,264,850		80,445	-	(167)	80,278
318	2036	Replacements	Historical	2,018,522	3.861%	77,930	-	-	77,930
319	2036	Replacements	New	235,389	2.063%	4,857	-	-	4,857
320	2036	Float	Historical	-	-	(1,250)	-	-	(1,250)
321	FY 2036	Subtotal:		2,253,911		81,537	-	-	81,537
322	2037	Replacements	Historical	1,993,834	3.843%	76,625	-	-	76,625
323	2037	Replacements	New	235,389	2.063%	4,857	-	-	4,857
324	2037	Float	Historical	-	-	(1,250)	-	-	(1,250)
325	FY 2037	Subtotal:		2,229,223		80,231	-	-	80,231
326	2038	Replacements	Historical	1,955,263	3.799%	74,283	-	-	74,283
327	2038	Replacements	New	235,389	2.063%	4,857	-	-	4,857
328	2038	Float	Historical	-	-	(1,322)	-	-	(1,322)
329	FY 2038	Subtotal:		2,190,652		77,818	-	-	77,818
330	2039	Replacements	Historical	1,880,312	3.791%	71,283	-	-	71,283
331	2039	Replacements	New	235,389	2.063%	4,857	-	-	4,857
332	2039	Float	Historical	-	-	(1,352)	-	-	(1,352)
333	FY 2039	Subtotal:		2,115,701		74,788	-	-	74,788
334	2040	Replacements	Historical	1,809,893	3.752%	67,900	-	-	67,900
335	2040	Replacements	New	235,389	2.063%	4,857	-	-	4,857
336	2040	Float	Historical	-	-	(1,379)	-	-	(1,379)
337	FY 2040	Subtotal:		2,045,282		71,378	-	-	71,378
338	2041	Replacements	Historical	1,716,343	3.809%	65,384	-	-	65,384
339	2041	Replacements	New	235,389	2.063%	4,857	-	-	4,857
340	2041	Float	Historical	-	-	(1,409)	-	-	(1,409)
341	FY 2041	Subtotal:		1,951,732		68,831	-	-	68,831
342	2042	Replacements	Historical	1,687,942	3.705%	62,536	-	-	62,536
343	2042	Replacements	New	235,389	2.063%	4,857	-	-	4,857
344	2042	Float	Historical	-	-	(1,429)	-	-	(1,429)
345	FY 2042	Subtotal:		1,923,331		65,964	-	-	65,964
346	2043	Replacements	Historical	1,578,333	3.549%	56,011	-	-	56,011
347	2043	Replacements	New	235,389	2.063%	4,857	-	-	4,857
348	2043	Float	Historical	-	-	(1,781)	-	-	(1,781)
349	FY 2043	Subtotal:		1,813,722		59,087	-	-	59,087
350	2044	Replacements	Historical	1,371,670	3.215%	44,103	-	-	44,103
351	2044	Replacements	New	235,389	2.063%	4,857	-	-	4,857
352	2044	Float	Historical	-	-	(2,372)	-	-	(2,372)
353	FY 2044	Subtotal:		1,607,059		46,588	-	-	46,588
354	2045	Replacements	Historical	1,001,221	3.566%	35,708	-	-	35,708
355	2045	Replacements	New	235,389	2.063%	4,857	-	-	4,857
356	2045	Float	Historical	-	-	(1,151)	-	-	(1,151)
357	FY 2045	Subtotal:		1,236,610		39,414	-	-	39,414
358	2046	Replacements	Historical	964,797	3.515%	33,914	-	-	33,914
359	2046	Replacements	New	235,389	2.063%	4,857	-	-	4,857
360	2046	Float	Historical	-	-	(1,154)	-	-	(1,154)

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
361	FY 2046	Subtotal:		1,200,186		37,617	-	-	37,617
362		2047 Replacements	Historical	914,254	3.476%	31,784	-	-	31,784
363		2047 Replacements	New	235,389	2.063%	4,857	-	-	4,857
364		2047 Float	Historical	-	-	(1,158)	-	-	(1,158)
365	FY 2047	Subtotal:		1,149,643		35,483	-	-	35,483
366		2048 Replacements	Historical	861,580	3.431%	29,564	-	-	29,564
367		2048 Replacements	New	235,389	2.063%	4,857	-	-	4,857
368		2048 Float	Historical	-	-	(1,162)	-	-	(1,162)
369	FY 2048	Subtotal:		1,096,969		33,259	-	-	33,259
370		2049 Replacements	Historical	806,680	3.378%	27,251	-	-	27,251
371		2049 Replacements	New	235,389	2.063%	4,857	-	-	4,857
372		2049 Float	Historical	-	-	(1,166)	-	-	(1,166)
373	FY 2049	Subtotal:		1,042,069		30,942	-	-	30,942
374		2050 Replacements	Historical	749,462	3.314%	24,840	-	-	24,840
375		2050 Replacements	New	235,389	2.063%	4,857	-	-	4,857
376		2050 Float	Historical	-	-	(1,171)	-	-	(1,171)
377	FY 2050	Subtotal:		984,851		28,526	-	-	28,526
378		2051 Replacements	Historical	689,830	3.237%	22,327	-	-	22,327
379		2051 Replacements	New	235,389	2.063%	4,857	-	-	4,857
380		2051 Float	Historical	-	-	(1,175)	-	-	(1,175)
381	FY 2051	Subtotal:		925,219		26,009	-	-	26,009
382		2052 Replacements	Historical	627,678	3.140%	19,708	-	-	19,708
383		2052 Replacements	New	235,389	2.063%	4,857	-	-	4,857
384		2052 Float	Historical	-	-	(1,180)	-	-	(1,180)
385	FY 2052	Subtotal:		863,067		23,385	-	-	23,385
386		2053 Replacements	Historical	562,904	3.016%	16,979	-	-	16,979
387		2053 Replacements	New	235,389	2.063%	4,857	-	-	4,857
388		2053 Float	Historical	-	-	(1,185)	-	-	(1,185)
389	FY 2053	Subtotal:		798,293		20,651	-	-	20,651
390		2054 Replacements	Historical	495,395	2.853%	14,134	-	-	14,134
391		2054 Replacements	New	235,389	2.063%	4,857	-	-	4,857
392		2054 Float	Historical	-	-	(1,191)	-	-	(1,191)
393	FY 2054	Subtotal:		730,784		17,801	-	-	17,801
394		2055 Replacements	Historical	425,037	2.628%	11,170	-	-	11,170
395		2055 Replacements	New	235,389	2.063%	4,857	-	-	4,857
396		2055 Float	Historical	-	-	(1,196)	-	-	(1,196)
397	FY 2055	Subtotal:		660,426		14,830	-	-	14,830
398		2056 Replacements	Historical	351,708	2.297%	8,080	-	-	8,080
399		2056 Replacements	New	235,389	2.063%	4,857	-	-	4,857
400		2056 Float	Historical	-	-	(1,202)	-	-	(1,202)
401	FY 2056	Subtotal:		587,097		11,735	-	-	11,735
402		2057 Replacements	Historical	275,282	2.063%	5,680	-	-	5,680
403		2057 Replacements	New	235,389	2.063%	4,857	-	-	4,857
404		2057 Float	Historical	-	-	(1,208)	-	-	(1,208)
405	FY 2057	Subtotal:		510,671		9,329	-	-	9,329
406		2058 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
407		2058 Replacements	New	235,389	2.063%	4,857	-	-	4,857
408		2058 Float	Historical	-	-	(1,211)	-	-	(1,211)
409	FY 2058	Subtotal:		470,778		8,503	-	-	8,503
410		2059 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
411		2059 Replacements	New	235,389	2.063%	4,857	-	-	4,857
412		2059 Float	Historical	-	-	(1,211)	-	-	(1,211)
413	FY 2059	Subtotal:		470,778		8,503	-	-	8,503
414		2060 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
415		2060 Replacements	New	235,389	2.063%	4,857	-	-	4,857
416		2060 Float	Historical	-	-	(1,211)	-	-	(1,211)
417	FY 2060	Subtotal:		470,778		8,503	-	-	8,503
418		2061 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
419		2061 Replacements	New	235,389	2.063%	4,857	-	-	4,857
420		2061 Float	Historical	-	-	(1,211)	-	-	(1,211)
421	FY 2061	Subtotal:		470,778		8,503	-	-	8,503
422		2062 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
423		2062 Replacements	New	235,389	2.063%	4,857	-	-	4,857
424		2062 Float	Historical	-	-	(1,211)	-	-	(1,211)
425	FY 2062	Subtotal:		470,778		8,503	-	-	8,503
426		2063 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
427		2063 Replacements	New	235,389	2.063%	4,857	-	-	4,857
428		2063 Float	Historical	-	-	(1,211)	-	-	(1,211)
429	FY 2063	Subtotal:		470,778		8,503	-	-	8,503
430		2064 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
431		2064 Replacements	New	235,389	2.063%	4,857	-	-	4,857
432		2064 Float	Historical	-	-	(1,211)	-	-	(1,211)

TABLE 11B
INTEREST CALCULATION SUMMARY
FY 2026
(\$000s)

	A	B	D	E	F	G	H	I	J
Column1	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
433	FY 2064	Subtotal:		470,778		8,503	-	-	8,503
434		2065 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
435		2065 Replacements	New	235,389	2.063%	4,857	-	-	4,857
436		2065 Float	Historical	-	-	(1,211)	-	-	(1,211)
437	FY 2065	Subtotal:		470,778		8,503	-	-	8,503
438		2066 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
439		2066 Replacements	New	235,389	2.063%	4,857	-	-	4,857
440		2066 Float	Historical	-	-	(1,211)	-	-	(1,211)
441	FY 2066	Subtotal:		470,778		8,503	-	-	8,503
442		2067 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
443		2067 Replacements	New	235,389	2.063%	4,857	-	-	4,857
444		2067 Float	Historical	-	-	(1,211)	-	-	(1,211)
445	FY 2067	Subtotal:		470,778		8,503	-	-	8,503
446		2068 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
447		2068 Replacements	New	235,389	2.063%	4,857	-	-	4,857
448		2068 Float	Historical	-	-	(1,211)	-	-	(1,211)
449	FY 2068	Subtotal:		470,778		8,503	-	-	8,503
450		2069 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
451		2069 Replacements	New	235,389	2.063%	4,857	-	-	4,857
452		2069 Float	Historical	-	-	(1,211)	-	-	(1,211)
453	FY 2069	Subtotal:		470,778		8,503	-	-	8,503
454		2070 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
455		2070 Replacements	New	235,389	2.063%	4,857	-	-	4,857
456		2070 Float	Historical	-	-	(1,211)	-	-	(1,211)
457	FY 2070	Subtotal:		470,778		8,503	-	-	8,503
458		2071 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
459		2071 Replacements	New	235,389	2.063%	4,857	-	-	4,857
460		2071 Float	Historical	-	-	(1,211)	-	-	(1,211)
461	FY 2071	Subtotal:		470,778		8,503	-	-	8,503
462		2072 Replacements	Historical	235,389	2.0633	4,857	-	-	4,857
463		2072 Replacements	New	235,389	2.063%	4,857	-	-	4,857
464		2072 Float	Historical	-	-	(1,211)	-	-	(1,211)
465	FY 2072	Subtotal:		470,778		8,503	-	-	8,503
466		2073 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
467		2073 Replacements	New	235,389	2.063%	4,857	-	-	4,857
468		2073 Float	Historical	-	-	(1,211)	-	-	(1,211)
469	FY 2073	Subtotal:		470,778		8,503	-	-	8,503
470		2074 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
471		2074 Replacements	New	235,389	2.063%	4,857	-	-	4,857
472		2074 Float	Historical	-	-	(1,211)	-	-	(1,211)
473	FY 2074	Subtotal:		470,778		8,503	-	-	8,503
474		2075 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
475		2075 Replacements	New	235,389	2.063%	4,857	-	-	4,857
476		2075 Float	Historical	-	-	(1,211)	-	-	(1,211)
477	FY 2075	Subtotal:		470,778		8,503	-	-	8,503
478		2076 Replacements	Historical	235,389	2.063%	4,857	-	-	4,857
479		2076 Replacements	New	235,389	2.063%	4,857	-	-	4,857
480		2076 Float	Historical	-	-	(1,211)	-	-	(1,211)
481	FY 2076	Subtotal:		470,778		8,503	-	-	8,503
482	Grand Total:			67,798,694		1,954,109	-	(7,674)	1,946,435

TABLE 11C
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2024	Conservation	-	4/30/2024	9/30/2024	5,000	5,000	5.454%	5.454%					5,000		
2	2024	Construction (AS)	-	12/31/2023	9/30/2024	4,200	4,200	5.399%	5.399%					4,200		
3	2024	Conservation	-	12/31/2023	9/30/2024	7,000	7,000	5.399%	5.399%					7,000		
4	2024	Conservation	-	12/31/2023	9/30/2024	55,000	55,000	5.399%	5.399%					55,000		
5	2024	Fish and Wildlife	-	6/30/2024	9/30/2024	20,000	20,000	5.454%	5.454%					20,000		
6	2024	Bureau Direct	-	2/27/2012	9/30/2024	55,000	16,500	5.060%	5.060%					16,500		
7	2024	Conservation	-	4/30/2014	9/30/2024	30,000	30,000	5.419%	5.419%					30,000		
8	2024	Bureau Direct	-	8/31/2022	9/30/2024	18,000	3,000	5.060%	5.060%					3,000		
9	2024	Fish and Wildlife	-	8/31/2022	9/30/2024	29,000	29,000	5.060%	5.060%					29,000		
10	2024	Corps	-	8/31/2022	9/30/2024	18,300	18,300	5.060%	5.060%					18,300		
11	2024	Bureau Direct	-	6/22/2011	6/30/2036	30,000	30,000	4.629%	4.629%					30,000		
12	2024	Bureau Direct	-	6/22/2011	6/30/2038	30,000	30,000	4.700%	4.700%					30,000		
13	2024	Bureau Direct	-	1/31/2011	1/31/2039	35,000	35,000	5.040%	5.040%					35,000		
14	2024	Bureau Direct	-	6/30/2009	6/30/2039	25,000	25,000	5.192%	5.192%					25,000		
15	2024	Bureau Direct	-	2/28/2011	2/28/2040	50,000	50,000	4.995%	4.995%					50,000		
16	2024	Corps	-	8/31/2022	8/31/2047	13,700	13,700	5.060%	5.060%					13,700		
17	2024	Corps	-	8/31/2022	8/31/2049	33,000	33,000	5.060%	5.060%					33,000		
18	2024	Corps	-	3/31/2023	3/31/2053	13,000	13,000	4.548%	4.548%					2,300		
19		FY 2024 Subtotal:	-	-	-	471,200	417,700							407,000		
20	2025	Fish and Wildlife	-	2/28/2011	2/28/2026	15,000	15,000	4.398%	4.398%					15,000		
21	2025	Fish and Wildlife	-	6/22/2011	6/30/2026	15,000	15,000	4.205%	4.205%					15,000		
22	2025	Technology (G)	-	5/31/2023	5/31/2028	5,000	5,000	3.941%	3.941%					5,000		
23	2025	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	22,000	3.880%	3.880%					922		
24	2025	Fish and Wildlife	-	1/31/2014	1/31/2029	7,000	7,000	3.896%	3.896%					7,000		
25	2025	Bureau Direct	-	10/31/2010	10/31/2034	20,000	20,000	4.211%	4.211%					20,000		
26	2025	Corps	-	5/31/2023	11/30/2034	13,000	13,000	4.027%	4.027%					13,000		
27	2025	Corps	-	5/31/2023	5/31/2035	22,000	22,000	4.043%	4.043%					22,000		
28	2025	Bureau Direct	-	5/31/2023	11/30/2035	7,000	7,000	4.059%	4.059%					7,000		
29	2025	Bureau Direct	-	8/31/2023	8/31/2037	8,000	8,000	4.499%	4.499%					8,000		
30	2025	Bureau Direct	-	8/12/2011	8/31/2037	30,000	30,000	4.208%	4.208%					30,000		
31	2025	Fish and Wildlife	-	3/31/2023	9/30/2037	13,000	13,000	4.115%	4.115%					13,000		
32	2025	Corps	-	8/31/2023	2/28/2038	30,000	30,000	4.505%	4.505%					30,000		
33	2025	Fish and Wildlife	-	8/31/2023	2/28/2038	4,000	4,000	4.505%	4.505%					4,000		
34	2025	Corps	-	8/31/2023	8/31/2038	27,000	27,000	4.519%	4.519%					27,000		
35	2025	Bureau Direct	-	3/31/2023	9/30/2052	12,000	12,000	4.538%	4.538%					12,000		
36	2025	Corps	-	3/31/2023	3/31/2053	13,000	10,700	4.548%	4.548%					10,700		
37	2025	Bonneville Dam	Corps of Engineers	9/30/2009	9/30/2059	2,744	2,744	4.375%	4.375%					2,744		
38	2025	Chief Joseph	Corps of Engineers	9/30/2009	9/30/2059	24,727	24,727	4.375%	4.375%					24,727		
39	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	103,203	4.375%	4.375%					103,203		
40	2025	Cougar	Corps of Engineers	9/30/2009	9/30/2059	121	121	4.375%	4.375%					121		
41	2025	Lower Granite	Corps of Engineers	9/30/2009	9/30/2059	5,669	446	4.375%	4.375%					446		
42	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2009	9/30/2059	1,540	1,540	4.375%	4.375%					1,540		
43	2025	Little Goose	Corps of Engineers	9/30/2010	9/30/2060	30	30	4.250%	4.250%					30		
44	2025	Lower Granite	Corps of Engineers	9/30/2010	9/30/2060	1,156	1,156	4.250%	4.250%					1,156		
45	2025	Albeni Falls	Corps of Engineers	9/30/2010	9/30/2060	42	42	4.250%	4.250%					42		
46	2025	Bonneville Dam	Corps of Engineers	9/30/2010	9/30/2060	1,425	1,425	4.250%	4.250%					1,425		
47	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2010	9/30/2060	56,832	56,832	4.250%	4.250%					56,832		
48	2025	Cougar	Corps of Engineers	9/30/2010	9/30/2060	59	59	4.250%	4.250%					59		
49	2025	Ice Harbor	Corps of Engineers	9/30/2010	9/30/2060	207	207	4.250%	4.250%					207		
50	2025	John Day	Corps of Engineers	9/30/2010	9/30/2060	356	356	4.250%	4.250%					356		

TABLE 11C
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
51	2025	Libby	Corps of Engineers	9/30/2010	9/30/2060	40	40	4.250%	4.250%					40		
52	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2010	9/30/2060	6	6	4.250%	4.250%					6		
53	2025	Columbia River Fish Mitigation		Corps of Engineers	9/30/2024	9/30/2074	-	13,444	4.375%	4.375%					13,444	
54	FY 2025 Subtotal:			-	-	-	461,156	467,078						446,000		
55	2026	Bureau Direct	-	3/31/2026	9/30/2026	-	37,500	3.346%	3.346%					37,500		
56	2026	Construction (AS)	-	3/31/2026	9/30/2026	-	10,400	3.346%	3.346%					10,400		
57	2026	Corps	-	3/31/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		
58	2026	Fish and Wildlife	-	3/31/2026	9/30/2026	-	37,900	3.346%	3.346%					37,900		
59	2026	Corps	-	4/30/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		
60	2026	Corps	-	5/31/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		
61	2026	Fish and Wildlife	-	10/31/2013	12/31/2026	28,000	28,000	3.717%	3.717%					28,000		
62	2026	Conservation	-	3/31/2020	3/31/2027	6,000	6,000	0.964%	0.964%					6,000		
63	2026	Fish and Wildlife	-	10/31/2013	5/31/2027	11,000	11,000	3.762%	3.762%					11,000		
64	2026	Corps	-	4/30/2020	4/30/2028	27,000	27,000	0.945%	0.945%					20,000		
65	2026	Bureau Direct	-	7/15/2024	9/30/2030	7,000	7,000	4.212%	4.212%					7,000		
66	2026	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	6,000	4.212%	4.212%					300		
67	2026	Bureau Direct	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
68	2026	Corps	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
69	FY 2026 Subtotal:			-	-	-	85,000	449,700						437,000		
70	2027	Technology (G)	-	7/15/2024	9/30/2028	5,000	5,000	4.190%	4.190%					5,000		
71	2027	Technology (G)	-	7/31/2024	9/30/2028	5,000	5,000	4.132%	4.132%					4,922		
72	2027	Corps	-	7/15/2024	9/30/2029	8,000	8,000	4.182%	4.182%					8,000		
73	2027	Bureau Direct	-	7/31/2024	9/30/2030	8,000	8,000	4.152%	4.152%					8,000		
74	2027	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	5,700	4.212%	4.212%					5,700		
75	2027	Fish and Wildlife	-	7/31/2024	9/30/2030	4,000	4,000	4.152%	4.152%					4,000		
76	2027	Fish and Wildlife	-	9/30/2024	9/30/2039	-	10,000	4.140%	4.139%					10,000		
77	2027	Fish and Wildlife	-	3/31/2025	3/31/2040	-	56,300	4.212%	4.212%					56,300		
78	2027	Bureau Direct	-	3/31/2025	3/31/2055	-	34,700	4.696%	4.696%					34,700		
79	2027	Corps	-	3/31/2025	3/31/2055	-	64,800	4.696%	4.696%					64,800		
80	2027	Corps	-	4/30/2025	4/30/2055	-	64,800	4.696%	4.696%					64,800		
81	2027	Corps	-	5/31/2025	5/31/2055	-	64,800	4.696%	4.696%					64,800		
82	FY 2027 Subtotal:			-	-	-	36,000	331,100						331,022		
83	2028	Fish and Wildlife	-	3/31/2015	3/31/2028	3,000	3,000	2.511%	2.511%					3,000		
84	2028	Corps	-	4/30/2020	4/30/2028	27,000	7,000	0.945%	0.945%					7,000		
85	2028	Technology (G)	-	7/31/2024	9/30/2028	5,000	78	4.132%	4.132%					78		
86	2028	Construction (AS)	-	3/31/2023	9/30/2028	2,000	2,000	3.855%	3.855%					2,000		
87	2028	Corps	-	7/31/2024	9/30/2029	7,000	7,000	4.123%	4.123%					7,000		
88	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	109,737	3.875%	3.875%					32,959		
89	2028	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2014	9/30/2064	18	18	3.875%	3.875%					18		
90	2028	Green Peter/Foster	Corps of Engineers	9/30/2014	9/30/2064	385	385	3.875%	3.875%					385		

TABLE 11C
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
91	2028	Lower Granite	Corps of Engineers	9/30/2014	9/30/2064	2,644	2,644	3.875%	3.875%					2,644		
92	2028	Lower Monument	Corps of Engineers	9/30/2014	9/30/2064	1,430	1,430	3.875%	3.875%					1,430		
93	2028	McNary	Corps of Engineers	9/30/2014	9/30/2064	759	759	3.875%	3.875%					759		
94	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2025	9/30/2075	-	12,651	4.125%	4.125%					12,651		
95		FY 2028 Subtotal:	-	-	-	159,307	146,702							69,924		
96	2029	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	21,078	3.880%	3.880%					21,078		
97	2029	Construction (AS)	-	9/30/2024	9/30/2029	-	10,000	3.789%	3.789%					10,000		
98	2029	Construction (AS)	-	3/31/2025	3/31/2030	-	6,800	3.649%	3.649%					6,800		
99	2029	Technology (G)	-	3/31/2025	3/31/2030	-	900	3.649%	3.649%					900		
100	2029	Corps	-	2/28/2023	2/28/2050	21,000	21,000	3.595%	3.595%					21,000		
101	2029	Corps	-	2/28/2023	2/28/2050	19,000	19,000	3.595%	3.595%					19,000		
102	2029	Bonneville Dam	Corps of Engineers	9/30/2011	9/30/2061	10,962	10,962	3.750%	3.750%					10,962		
103	2029	Chief Joseph	Corps of Engineers	9/30/2011	9/30/2061	4	4	3.750%	3.750%					4		
104	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	106,014	3.750%	3.750%					106,014		
105	2029	Cougar	Corps of Engineers	9/30/2011	9/30/2061	282	282	3.750%	3.750%					282		
106	2029	Green Peter/Foster	Corps of Engineers	9/30/2011	9/30/2061	87	87	3.750%	3.750%					87		
107	2029	Hills Creek	Corps of Engineers	9/30/2011	9/30/2061	12	12	3.750%	3.750%					12		
108	2029	Ice Harbor	Corps of Engineers	9/30/2011	9/30/2061	819	819	3.750%	3.750%					819		
109	2029	John Day	Corps of Engineers	9/30/2011	9/30/2061	175	175	3.750%	3.750%					175		
110	2029	Libby	Corps of Engineers	9/30/2011	9/30/2061	152	152	3.750%	3.750%					152		
111	2029	Lookout Dam	Corps of Engineers	9/30/2011	9/30/2061	17	17	3.750%	3.750%					17		
112	2029	Lost Creek	Corps of Engineers	9/30/2011	9/30/2061	7	7	3.750%	3.750%					7		
113	2029	Lower Granite	Corps of Engineers	9/30/2011	9/30/2061	8	8	3.750%	3.750%					8		
114	2029	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2011	9/30/2061	122	122	3.750%	3.750%					122		
115	2029	McNary	Corps of Engineers	9/30/2011	9/30/2061	565	565	3.750%	3.750%					565		
116	2029	Cougar	Corps of Engineers	9/30/2012	9/30/2062	139	139	3.375%	3.375%					139		
117	2029	Green Peter/Foster	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
118	2029	Chief Joseph	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
119	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	101,616	3.375%	3.375%					45,157		
120	2029	Hills Creek	Corps of Engineers	9/30/2012	9/30/2062	142	142	3.375%	3.375%					142		
121	2029	Ice Harbor	Corps of Engineers	9/30/2012	9/30/2062	115	115	3.375%	3.375%					115		
122	2029	John Day	Corps of Engineers	9/30/2012	9/30/2062	6,161	6,050	3.375%	3.375%					6,050		
123	2029	Libby	Corps of Engineers	9/30/2012	9/30/2062	16	16	3.375%	3.375%					16		
124	2029	Lookout Dam	Corps of Engineers	9/30/2012	9/30/2062	294	294	3.375%	3.375%					294		
125	2029	Lower Monument	Corps of Engineers	9/30/2012	9/30/2062	89	89	3.375%	3.375%					89		
126	2029	McNary	Corps of Engineers	9/30/2012	9/30/2062	12	11	3.375%	3.375%					11		
127	2029	Cougar	Corps of Engineers	9/30/2014	9/30/2064	12	12	3.875%	3.875%					12		
128	2029	Bonneville Dam	Corps of Engineers	9/30/2014	9/30/2064			3.875%	3.875%							
129	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	76,778	3.875%	3.875%					76,778		
130	2029	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2014	9/30/2064	222	222	3.875%	3.875%					222		
131	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2026	9/30/2076	-	51,524	3.736%	3.736%					51,524		
132		FY 2029 Subtotal:	-	-	-	400,168	435,065							378,607		
133	2030	Fish and Wildlife	-	3/31/2020	3/31/2030	8,000	8,000	1.274%	1.274%					8,000		
134	2030	Corps	-	5/31/2016	5/31/2030	15,000	15,000	2.599%	2.599%					15,000		
135	2030	Bureau Direct	-	7/31/2016	7/31/2030	12,000	12,000	2.145%	2.145%					12,000		
136	2030	Corps	-	7/31/2016	7/31/2030	25,000	25,000	2.145%	2.145%					25,000		
137	2030	Technology (G)	-	3/31/2026	3/31/2031	-	1,400	3.198%	3.198%					1,400		
138	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	56,458	3.375%	3.375%					56,458		
139	2030	Columbia Basin	Bureau of Reclamation	9/30/2013	9/30/2063	3,078	3,078	2.875%	2.875%					3,078		
140	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	84,600	2.875%	2.875%					10,808		

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Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
141	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2013	9/30/2063	528	528	2.875%	2.875%					528		
142	2030	Little Goose	Corps of Engineers	9/30/2013	9/30/2063	66	66	2.875%	2.875%					66		
143	2030	McNary	Corps of Engineers	9/30/2013	9/30/2063	1,000	1,000	2.875%	2.875%					1,000		
144	2030	Bonneville Dam	Corps of Engineers	9/30/2015	9/30/2065	102	102	3.250%	3.250%					102		
145	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	64,291	3.250%	3.250%					64,291		
146	2030	Green Peter/Foster	Corps of Engineers	9/30/2015	9/30/2065	68	68	3.250%	3.250%					68		
147	2030	Ice Harbor	Corps of Engineers	9/30/2015	9/30/2065	3,175	3,175	3.250%	3.250%					3,175		
148	2030	Lower Granite	Corps of Engineers	9/30/2015	9/30/2065	1,597	1,597	3.250%	3.250%					1,597		
149	2030	Minidoka/Palisades	Bureau of Reclamation	9/30/2015	9/30/2065	19,237	15,518	3.250%	3.250%					15,518		
150	2030	The Dalles	Corps of Engineers	9/30/2015	9/30/2065	302	302	3.250%	3.250%					302		
151	2030	Boise	Bureau of Reclamation	9/30/2016	9/30/2066	118		3.000%	3.000%							
152	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2016	9/30/2066	30,066	29,635	3.000%	3.000%					29,635		
153	2030	Cougar	Corps of Engineers	9/30/2016	9/30/2066	2	2	3.000%	3.000%					2		
154	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2016	9/30/2066	31	31	3.000%	3.000%					31		
155	2030	Green Peter/Foster	Corps of Engineers	9/30/2016	9/30/2066	70	70	3.000%	3.000%					70		
156	2030	Ice Harbor	Corps of Engineers	9/30/2016	9/30/2066	558	558	3.000%	3.000%					558		
157	2030	Lower Granite	Corps of Engineers	9/30/2016	9/30/2066	1,878	1,878	3.000%	3.000%					1,878		
158	2030	Lower Monument	Corps of Engineers	9/30/2016	9/30/2066	155	155	3.000%	3.000%					155		
159	2030	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2016	9/30/2066	1,256	1,256	3.000%	3.000%					1,256		
160	2030	The Dalles	Corps of Engineers	9/30/2016	9/30/2066	4	4	3.000%	3.000%					4		
161	2030	Bonneville Dam	Corps of Engineers	9/30/2019	9/30/2069	703	736	3.125%	3.125%					736		
162	2030	Columbia Basin	Bureau of Reclamation	9/30/2019	9/30/2069	4,130	4,221	3.125%	3.125%					4,221		
163	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2019	9/30/2069	49,505	47,997	3.125%	3.125%					47,997		
164	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2019	9/30/2069	2	2	3.125%	3.125%					2		
165	2030	Green Peter/Foster	Corps of Engineers	9/30/2019	9/30/2069	10	10	3.125%	3.125%					10		
166	2030	Ice Harbor	Corps of Engineers	9/30/2019	9/30/2069	630	630	3.125%	3.125%					630		
167	2030	McNary	Corps of Engineers	9/30/2019	9/30/2069	479	479	3.125%	3.125%					479		
168	2030	RRP - Green Springs	Bureau of Reclamation	9/30/2019	9/30/2069	1,099	1,099	3.125%	3.125%					1,099		
169	2030	The Dalles	Corps of Engineers	9/30/2019	9/30/2069	129	158	3.125%	3.125%					158		
170	2030	Columbia Basin	Bureau of Reclamation	9/30/2023	9/30/2073	32	32	3.375%	3.375%					32		
171	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2023	9/30/2073	4,472	4,472	3.375%	3.375%					4,472		
172	2030	Hungry Horse Dam	Bureau of Reclamation	9/30/2023	9/30/2073	4	4	3.375%	3.375%					4		
173	2030	RRP - Green Springs	Bureau of Reclamation	9/30/2023	9/30/2073	9	9	3.375%	3.375%					9		
174		FY 2030 Subtotal:	-	-	-	445,674	385,620							311,829		
175	2031	Corps	-	4/30/2016	4/30/2031	53,000	19,393	2.661%	2.661%					19,393		
176	2031	Bureau Direct	-	4/30/2016	4/30/2031	17,000	17,000	2.661%	2.661%					17,000		
177	2031	Corps	-	2/17/2022	2/28/2042	37,000	37,000	2.732%	2.732%					16,611		
178	2031	Corps	-	2/28/2022	2/28/2051	35,000	35,000	2.825%	2.825%					35,000		
179	2031	Corps	-	2/28/2022	2/29/2052	34,000	34,000	2.829%	2.829%					34,000		
180	2031	Bureau Direct	-	2/28/2022	2/29/2052	9,000	9,000	2.829%	2.829%					9,000		
181	2031	Bonneville Dam	Corps of Engineers	9/30/2013	9/30/2063	268	268	2.875%	2.875%					268		
182	2031	Chief Joseph	Corps of Engineers	9/30/2013	9/30/2063	10	10	2.875%	2.875%					10		
183	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	73,792	2.875%	2.875%					73,792		
184	2031	Cougar	Corps of Engineers	9/30/2013	9/30/2063	4,088	4,088	2.875%	2.875%					4,088		

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Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
185	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	48,446	2.750%	2.750%					48,446		
186	2031	Libby	Corps of Engineers	9/30/2018	9/30/2068	282	282	2.750%	2.750%					282		
187	2031	Little Goose	Corps of Engineers	9/30/2018	9/30/2068	2,707	2,707	2.750%	2.750%					2,707		
188	2031	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2018	9/30/2068	1,608	1,608	2.750%	2.750%					1,608		
189	2031	Minidoka/Palisades	Bureau of Reclamation	9/30/2018	9/30/2068	145	145	2.750%	2.750%					145		
190	2031	The Dalles	Corps of Engineers	9/30/2018	9/30/2068	15	15	2.750%	2.750%					15		
191		FY 2031 Subtotal:	-	-	-	337,845	282,755							262,366		
192	2032	Bureau Direct	-	5/31/2020	5/31/2032	16,000	16,000	1.188%	1.188%					16,000		
193	2032	Bureau Direct	-	5/31/2020	5/31/2032	10,000	10,000	1.188%	1.188%					10,000		
194	2032	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	38,000	2.515%	2.515%					38,000		
195	2032	Corps	-	2/17/2022	2/28/2042	37,000	20,389	2.732%	2.732%					20,389		
196	2032	Columbia Basin	Bureau of Reclamation	9/30/2017	9/30/2067	2,865	2,865	2.375%	2.375%					2,865		
197	2032	Cougar	Corps of Engineers	9/30/2017	9/30/2067	2	2	2.375%	2.375%					2		
198	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	55,950	2.375%	2.375%					55,950		
199	2032	Lower Monument	Corps of Engineers	9/30/2017	9/30/2067	942	942	2.375%	2.375%					942		
200	2032	McNary	Corps of Engineers	9/30/2017	9/30/2067	239	239	2.375%	2.375%					239		
201	2032	The Dalles	Corps of Engineers	9/30/2017	9/30/2067	10	10	2.375%	2.375%					10		
202	2032	Columbia Basin	Bureau of Reclamation	9/30/2020	9/30/2070	202	63	2.125%	2.125%					63		
203	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	82,089	2.125%	2.125%					79,204		
204	2032	Cougar	Corps of Engineers	9/30/2020	9/30/2070	267	267	2.125%	2.125%					267		
205	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2020	9/30/2070	295	295	2.125%	2.125%					295		
206		FY 2032 Subtotal:	-	-	-	245,935	227,112							224,227		
207	2033	Bureau Direct	-	6/30/2020	6/30/2033	11,000	11,000	1.238%	1.238%					11,000		
208	2033	Bureau Direct	-	6/30/2020	6/30/2033	12,000	12,000	1.238%	1.238%					12,000		
209	2033	Bureau Direct	-	7/31/2020	7/31/2033	15,000	15,000	1.157%	1.157%					15,000		
210	2033	Bureau Direct	-	5/31/2020	5/31/2043	24,000	24,000	1.869%	1.869%					24,000		
211	2033	Bureau Direct	-	3/31/2020	6/30/2046	26,000	26,000	2.083%	2.083%					26,000		
212	2033	Corps	-	3/31/2020	9/30/2047	24,000	24,000	2.103%	2.103%					24,000		
213	2033	Corps	-	5/31/2020	5/31/2048	21,000	21,000	1.953%	1.953%					21,000		
214	2033	Corps	-	5/31/2020	11/30/2048	25,000	25,000	1.957%	1.957%					25,000		
215	2033	Corps	-	4/30/2020	4/30/2050	50,000	50,000	1.827%	1.827%					177		
216	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	2,885	2.125%	2.125%					2,885		
217	2033	Dworshak	Corps of Engineers	9/30/2020	9/30/2070	29	29	2.125%	2.125%					29		
218	2033	Green Peter/Foster	Corps of Engineers	9/30/2020	9/30/2070	1	1	2.125%	2.125%					1		
219	2033	Libby	Corps of Engineers	9/30/2020	9/30/2070	5	5	2.125%	2.125%					5		
220	2033	Little Goose	Corps of Engineers	9/30/2020	9/30/2070	5,504	5,504	2.125%	2.125%					5,504		
221	2033	Lower Granite	Corps of Engineers	9/30/2020	9/30/2070	18,822	18,822	2.125%	2.125%					18,822		
222	2033	Columbia Basin	Bureau of Reclamation	9/30/2022	9/30/2072	13,165	13,165	1.875%	1.875%					13,165		
223	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2022	9/30/2072	1,574	1,574	1.875%	1.875%					1,574		
224	2033	RRP - Green Springs	Bureau of Reclamation	9/30/2022	9/30/2072	1	1	1.875%	1.875%					1		
225		FY 2033 Subtotal:	-	-	-	329,494	249,986							200,163		
226	2034	Corps	-	4/30/2020	4/30/2044	40,000	40,000	1.744%	1.744%					40,000		
227	2034	Bureau Direct	-	4/30/2020	4/30/2045	30,000	30,000	1.760%	1.760%					30,000		
228	2034	Corps	-	7/31/2020	7/31/2046	32,000	32,000	1.651%	1.651%					16,504		
229	2034	Corps	-	7/31/2020	7/31/2047	64,000	64,000	1.667%	1.667%					64,000		
230	2034	Corps	-	6/30/2020	6/30/2049	24,000	24,000	1.812%	1.812%					24,000		
231	2034	Bureau Direct	-	6/30/2020	6/30/2049	10,000	10,000	1.812%	1.812%					10,000		
232	2034	Bureau Direct	-	6/30/2020	6/30/2049	16,000	16,000	1.812%	1.812%					16,000		
233	2034	Bureau Direct	-	7/31/2020	7/31/2049	17,000	17,000	1.680%	1.680%					17,000		
234	2034	Corps	-	4/30/2020	4/30/2050	50,000	49,823	1.827%	1.827%					49,823		

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235		FY 2034 Subtotal:	-	-	-	283,000	282,823							267,326		
236	2035	Bureau Direct	-	7/31/2020	1/31/2041	35,000	35,000	1.457%	1.457%					35,000		
237	2035	Corps	-	7/31/2020	1/31/2046	2,000	2,000	1.640%	1.640%					2,000		
238	2035	Bureau Direct	-	7/31/2020	1/31/2046	13,000	13,000	1.640%	1.640%					13,000		
239	2035	Corps	-	7/31/2020	7/31/2046	32,000	15,496	1.651%	1.651%					15,496		
240	2035	Replacements	-	3/31/2027	3/31/2062	235,389	235,389	4.127%	4.126%					99,979		
241	2035	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	80,420	1.375%	1.375%					80,420		
242	2035	Dworshak	Corps of Engineers	9/30/2021	9/30/2071	2	2	1.375%	1.375%					2		
243	2035	Little Goose	Corps of Engineers	9/30/2021	9/30/2071	7	7	1.375%	1.375%					7		
244	2035	Lower Granite	Corps of Engineers	9/30/2021	9/30/2071	423	423	1.375%	1.375%					423		
245		FY 2035 Subtotal:	-	-	-	398,241	381,738							246,328		
246	2036	Replacements	-	3/31/2027	3/31/2062	235,389	135,410	4.127%	4.126%					135,410		
247	2036	Replacements	-	3/31/2028	3/31/2063	235,389	235,389	4.127%	4.126%					124,667		
248		FY 2036 Subtotal:	-	-	-	470,778	370,799							260,077		
249	2037	Replacements	-	3/31/2028	3/31/2063	235,389	110,722	4.127%	4.126%					110,722		
250	2037	Replacements	-	3/31/2029	3/31/2064	235,389	235,389	4.127%	4.126%					163,238		
251		FY 2037 Subtotal:	-	-	-	470,778	346,111							273,960		
252	2038	Replacements	-	3/31/2029	3/31/2064	235,389	72,151	4.127%	4.126%					72,151		
253	2038	Replacements	-	3/31/2030	3/31/2065	235,389	235,389	4.127%	4.126%					235,389		
254	2038	Replacements	-	3/31/2031	3/31/2066	235,389	235,389	4.127%	4.126%					2,800		
255		FY 2038 Subtotal:	-	-	-	706,167	542,929							310,340		
256	2039	Replacements	-	3/31/2031	3/31/2066	235,389	232,589	4.127%	4.126%					232,589		
257	2039	Replacements	-	3/31/2032	3/31/2067	235,389	235,389	4.127%	4.126%					73,219		
258		FY 2039 Subtotal:	-	-	-	470,778	467,978							305,808		
259	2040	Replacements	-	3/31/2032	3/31/2067	235,389	162,170	4.127%	4.126%					162,170		
260	2040	Replacements	-	3/31/2033	3/31/2068	235,389	235,389	4.127%	4.126%					166,769		
261		FY 2040 Subtotal:	-	-	-	470,778	397,559							328,939		
262	2041	Replacements	-	3/31/2033	3/31/2068	235,389	68,620	4.127%	4.126%					68,620		
263	2041	Replacements	-	3/31/2034	3/31/2069	235,389	235,389	4.127%	4.126%					195,170		
264		FY 2041 Subtotal:	-	-	-	470,778	304,009							263,790		
265	2042	Replacements	-	3/31/2034	3/31/2069	235,389	40,219	4.127%	4.126%					40,219		
266	2042	Replacements	-	3/31/2035	3/31/2070	235,389	235,389	4.127%	4.126%					235,389		
267	2042	Replacements	-	3/31/2036	3/31/2071	235,389	235,389	4.127%	4.126%					69,390		
268		FY 2042 Subtotal:	-	-	-	706,167	510,997							344,998		
269	2043	Replacements	-	3/31/2036	3/31/2071	235,389	165,999	4.127%	4.126%					165,999		
270	2043	Replacements	-	3/31/2037	3/31/2072	235,389	235,389	4.127%	4.126%					235,389		
271	2043	Replacements	-	3/31/2038	3/31/2073	235,389	235,389	4.127%	4.126%					40,664		
272		FY 2043 Subtotal:	-	-	-	706,167	636,777							442,052		
273	2044	Replacements	-	3/31/2038	3/31/2073	235,389	194,725	4.127%	4.126%					194,725		
274	2044	Replacements	-	3/31/2039	3/31/2074	235,389	235,389	4.127%	4.126%					235,389		
275	2044	Replacements	-	3/31/2040	3/31/2075	235,389	235,389	4.127%	4.126%					175,724		
276		FY 2044 Subtotal:	-	-	-	706,167	665,503							605,838		
277	2045	Replacements	-	3/31/2040	3/31/2075	235,389	59,665	4.127%	4.126%					59,665		
278	2045	Replacements	-	3/31/2041	3/31/2076	235,389	235,389	4.127%	4.126%					212,148		
279		FY 2045 Subtotal:	-	-	-	470,778	295,054							271,813		
280	2046	Replacements	-	3/31/2041	3/31/2076	235,389	23,241	4.127%	4.126%					23,241		
281	2046	Replacements	-	3/31/2042	3/31/2077	235,389	235,389	4.127%	4.126%					235,389		
282	2046	Replacements	-	3/31/2043	3/31/2078	235,389	235,389	4.127%	4.126%					27,302		
283		FY 2046 Subtotal:	-	-	-	706,167	494,019							285,932		
284	2047	Replacements	-	3/31/2043	3/31/2078	235,389	208,087	4.127%	4.126%					208,087		
285	2047	Replacements	-	3/31/2044	3/31/2079	235,389	235,389	4.127%	4.126%					79,976		
286		FY 2047 Subtotal:	-	-	-	470,778	443,476							288,063		
287	2048	Replacements	-	3/31/2044	3/31/2079	235,389	155,413	4.127%	4.126%					155,413		

TABLE 11C
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
288	2048	Replacements	-	3/31/2045	3/31/2080	235,389	235,389	4.127%	4.126%					134,876		
289		FY 2048 Subtotal:	-	-	-	470,778	390,802							290,289		
290	2049	Replacements	-	3/31/2045	3/31/2080	235,389	100,513	4.127%	4.126%					100,513		
291	2049	Replacements	-	3/31/2046	3/31/2081	235,389	235,389	4.127%	4.126%					192,094		
292		FY 2049 Subtotal:	-	-	-	470,778	335,902							292,606		
293	2050	Replacements	-	3/31/2046	3/31/2081	235,389	43,295	4.127%	4.126%					43,295		
294	2050	Replacements	-	3/31/2047	3/31/2082	235,389	235,389	4.127%	4.126%					235,389		
295	2050	Replacements	-	3/31/2048	3/31/2083	235,389	235,389	4.127%	4.126%					16,337		
296		FY 2050 Subtotal:	-	-	-	706,167	514,073							295,022		
297	2051	Replacements	-	3/31/2048	3/31/2083	235,389	219,052	4.127%	4.126%					219,052		
298	2051	Replacements	-	3/31/2049	3/31/2084	235,389	235,389	4.127%	4.126%					78,489		
299		FY 2051 Subtotal:	-	-	-	470,778	454,441							297,540		
300	2052	Replacements	-	3/31/2049	3/31/2084	235,389	156,900	4.127%	4.126%					156,900		
301	2052	Replacements	-	3/31/2050	3/31/2085	235,389	235,389	4.127%	4.126%					143,263		
302		FY 2052 Subtotal:	-	-	-	470,778	392,289							300,164		
303	2053	Replacements	-	3/31/2050	3/31/2085	235,389	92,126	4.127%	4.126%					92,126		
304	2053	Replacements	-	3/31/2051	3/31/2086	235,389	235,389	4.127%	4.126%					210,772		
305		FY 2053 Subtotal:	-	-	-	470,778	327,515							302,898		
306	2054	Replacements	-	3/31/2051	3/31/2086	235,389	24,617	4.127%	4.126%					24,617		
307	2054	Replacements	-	3/31/2052	3/31/2087	235,389	235,389	4.127%	4.126%					235,389		
308	2054	Replacements	-	3/31/2053	3/31/2088	235,389	235,389	4.127%	4.126%					45,741		
309		FY 2054 Subtotal:	-	-	-	706,167	495,395							305,747		
310	2055	Replacements	-	3/31/2053	3/31/2088	235,389	189,648	4.127%	4.126%					189,648		
311	2055	Replacements	-	3/31/2054	3/31/2089	235,389	235,389	4.127%	4.126%					119,070		
312		FY 2055 Subtotal:	-	-	-	470,778	425,037							308,717		
313	2056	Replacements	-	3/31/2054	3/31/2089	235,389	116,319	4.127%	4.126%					116,319		
314	2056	Replacements	-	3/31/2055	3/31/2090	235,389	235,389	4.127%	4.126%					195,496		
315		FY 2056 Subtotal:	-	-	-	470,778	351,708							311,815		
316	2057	Replacements	-	3/31/2055	3/31/2090	235,389	39,893	4.127%	4.126%					39,893		
317	2057	Replacements	-	3/31/2056	3/31/2091	235,389	235,389	4.127%	4.126%					235,389		
318		FY 2057 Subtotal:	-	-	-	470,778	275,282							275,282		
319	2058	Replacements	-	3/31/2057	3/31/2092	235,389	235,389	4.127%	4.126%					235,389		
320		FY 2058 Subtotal:	-	-	-	235,389	235,389							235,389		
321	2059	Replacements	-	3/31/2058	3/31/2093	235,389	235,389	4.127%	4.126%					235,389		
322		FY 2059 Subtotal:	-	-	-	235,389	235,389							235,389		
323	2060	Replacements	-	3/31/2059	3/31/2094	235,389	235,389	4.127%	4.126%					235,389		
324		FY 2060 Subtotal:	-	-	-	235,389	235,389							235,389		
325	2061	Replacements	-	3/31/2060	3/31/2095	235,389	235,389	4.127%	4.126%					235,389		
326		FY 2061 Subtotal:	-	-	-	235,389	235,389							235,389		
327	2062	Replacements	-	3/31/2061	3/31/2096	235,389	235,389	4.127%	4.126%					235,389		
328		FY 2062 Subtotal:	-	-	-	235,389	235,389							235,389		
329	2063	Replacements	-	3/31/2062	3/31/2097	235,389	235,389	4.127%	4.126%					235,389		
330		FY 2063 Subtotal:	-	-	-	235,389	235,389							235,389		
331	2064	Replacements	-	3/31/2063	3/31/2098	235,389	235,389	4.127%	4.126%					235,389		
332		FY 2064 Subtotal:	-	-	-	235,389	235,389							235,389		

TABLE 11C
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Column1	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
333	2065	Replacements	-	3/31/2064	3/31/2099	235,389	235,389	4.127%	4.126%					235,389		
334		FY 2065 Subtotal:	-	-	-	235,389	235,389							235,389		
335	2066	Replacements	-	3/31/2065	3/31/2100	235,389	235,389	4.127%	4.126%					235,389		
336		FY 2066 Subtotal:	-	-	-	235,389	235,389							235,389		
337	2067	Replacements	-	3/31/2066	3/31/2101	235,389	235,389	4.127%	4.126%					235,389		
338		FY 2067 Subtotal:	-	-	-	235,389	235,389							235,389		
339	2068	Replacements	-	3/31/2067	3/31/2102	235,389	235,389	4.127%	4.126%					235,389		
340		FY 2068 Subtotal:	-	-	-	235,389	235,389							235,389		
341	2069	Replacements	-	3/31/2068	3/31/2103	235,389	235,389	4.127%	4.126%					235,389		
342		FY 2069 Subtotal:	-	-	-	235,389	235,389							235,389		
343	2070	Replacements	-	3/31/2069	3/31/2104	235,389	235,389	4.127%	4.126%					235,389		
344		FY 2070 Subtotal:	-	-	-	235,389	235,389							235,389		
345	2071	Replacements	-	3/31/2070	3/31/2105	235,389	235,389	4.127%	4.126%					235,389		
346		FY 2071 Subtotal:	-	-	-	235,389	235,389							235,389		
347	2072	Replacements	-	3/31/2071	3/31/2106	235,389	235,389	4.127%	4.126%					235,389		
348		FY 2072 Subtotal:	-	-	-	235,389	235,389							235,389		
349	2073	Replacements	-	3/31/2072	3/31/2107	235,389	235,389	4.127%	4.126%					235,389		
350		FY 2073 Subtotal:	-	-	-	235,389	235,389							235,389		
351	2074	Replacements	-	3/31/2073	3/31/2108	235,389	235,389	4.127%	4.126%					235,389		
352		FY 2074 Subtotal:	-	-	-	235,389	235,389							235,389		
353	2075	Replacements	-	3/31/2074	3/31/2109	235,389	235,389	4.127%	4.126%					235,389		
354		FY 2075 Subtotal:	-	-	-	235,389	235,389							235,389		
355	2076	Replacements	-	3/31/2075	3/31/2110	235,389	235,389	4.127%	4.126%					235,389		
356		FY 2076 Subtotal:	-	-	-	235,389	235,389	-						235,389		
357	Grand					20,130,251	17,967,426	-						15,015,873		

**TABLE 11D
SUMMARY OF INTEREST
FY 2026
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
2	Appropriation	Bureau of Reclamation	Boise																
3			Columbia Basin	538	538	538	538	538	538	538	316	316	123	-	-	-	-	-	-
4			Hungry Horse Dam								-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	508	508	508	508	508	508	508	4	-	-	-	-	-	-	-	-
6			RRP - Green Springs	35	35	35	35	35	35	35									
7			Bureau of Reclamation Subtotal:	1,081	1,081	1,081	1,081	1,081	1,081	1,081	320	316	123	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	626	626	445	445	445	445	34	8	-	-	-	-	-	-	-	-
10			Chief Joseph	1,083	1,083	1	1	1	1										
11			Columbia River Fish Mitigation	31,190	31,778	24,782	26,707	26,707	24,907	14,508	7,662	3,367	1,151	1,106	553	-	-	-	-
12			Cougar	147	147	139	139	139	139	123	123	3	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	17	17	17	17	17	16	16	-	-	-	-	-	-	-	-	-
14			Dworshak	1	1	1	1	1	1	1	1	1							
15			Green Peter/Foster	24	24	24	24	24	9	4									
16			Hills Creek	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	183	183	174	174	174	174	140	-	-	-	-	-	-	-	-	-
18			John Day	226	226	211	211	211	211	-	-	-	-	-	-	-	-	-	-
19			Libby	16	16	14	14	14	14	8	8								
20			Little Goose	195	195	193	193	193	193	193	191	117	59	-	-	-	-	-	-
21			Lookout Dam	11	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-
22			Lost Creek							-	-	-	-	-	-	-	-	-	-
23			Lower Granite	685	685	617	617	617	514	514	406	406	206	6	3	-	-	-	-
24			Lower Monument	85	85	85	85	85	30	27	22	22							
25			McNary	100	100	100	100	100	71	49	6	6	-	-	-	-	-	-	-
26			The Dalles	16	16	16	16	16	16	16	1								
27			Corps of Engineers Subtotal:	34,611	35,199	26,835	28,760	28,760	26,758	15,634	8,428	3,922	1,416	1,112	556	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	169	169	101	101	101	101	88	50	3	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	169	169	101	101	101	101	88	50	3	-	-	-	-	-	-	-
30		Appropriation Subtotal:		35,861	36,449	28,017	29,942	29,942	27,940	16,803	8,799	4,240	1,539	1,112	556	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(2,742)	(2,314)	(1,906)	(1,445)	(482)	(1,639)	(1,353)	(1,181)	(991)	(920)	(1,161)	(1,119)	(1,250)	(1,250)	(1,322)	(1,352)
32			BPA Borrowing Subtotal:	(2,742)	(2,314)	(1,906)	(1,445)	(482)	(1,639)	(1,353)	(1,181)	(991)	(920)	(1,161)	(1,119)	(1,250)	(1,250)	(1,322)	(1,352)
33		Interest Income Subtotal:		(2,742)	(2,314)	(1,906)	(1,445)	(482)	(1,639)	(1,353)	(1,181)	(991)	(920)	(1,161)	(1,119)	(1,250)	(1,250)	(1,322)	(1,352)
34	Treasury	BPA Borrowing	Bureau Direct	17,356	9,989	7,808	5,710	4,729	4,729	4,729	4,344	3,765	3,186	1,630	362	-	-	-	-
35			Interest Accrual	1,941	1,244	1,244	1,244	1,244	1,244	1,202	992	889	503	119	-	-	-	-	-
36			Interest Accrual Reversal	(3,352)	(1,941)	(1,244)	(1,244)	(1,244)	(1,244)	(1,202)	(992)	(889)	(503)	(119)	-	-	-	-	-
37			Conservation	4,308	58	58	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	247	580	878	704	704	503	-	-	-	-	-	-	-	-	-	-
39			Corps	18,961	18,331	24,727	19,037	11,118	10,188	9,473	7,345	5,355	4,826	2,784	144	-	-	-	-
40			Interest Accrual	3,065	4,541	4,462	2,180	2,152	2,031	1,812	1,394	1,347	1,045	48	-	-	-	-	-
41			Interest Accrual Reversal	(3,149)	(3,065)	(4,541)	(4,462)	(2,180)	(2,152)	(2,031)	(1,812)	(1,394)	(1,347)	(1,045)	(48)	-	-	-	-
42			Fish and Wildlife	7,455	7,546	7,235	3,544	1,910	1,464	1,004	953	475	-	-	-	-	-	-	-
43			Interest Accrual	1,187	819	420	420	420	81	81	81	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	(1,108)	(1,187)	(819)	(420)	(420)	(420)	(81)	(81)	(81)	-	-	-	-	-	-	-
45			Technology (G)	197	708	471	287	81	61	22	-	-	-	-	-	-	-	-	-
46			Interest Accrual	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	(66)	(143)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	47,186	37,478	40,700	27,000	18,515	16,484	14,967	12,016	9,364	7,323	3,032	339	-	-	-	-
49		Federal Generation Replacements	Replacements	-	-	-	4,857	14,570	24,284	33,997	43,711	53,425	63,138	72,852	80,502	82,787	81,482	79,139	76,140
50			Federal Generation Replacements Subtotal:	-	-	-	4,857	14,570	24,284	33,997	43,711	53,425	63,138	72,852	80,502	82,787	81,482	79,139	76,140
51		Treasury Subtotal:		47,186	37,478	40,700	31,856	33,085	40,768	48,965	55,727	62,789	70,461	75,884	80,841	82,787	81,482	79,139	76,140
52	Grand Total:			80,305	71,613	66,811	60,353	62,545	67,070	64,414	63,345	66,038	71,080	75,834	80,278	81,537	80,231	77,818	74,788

**TABLE 11D
SUMMARY OF INTEREST
FY 2026
(\$000s)**

	A	B	C	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	Obligation Type	General Project	Specific Project	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,379)	(1,409)	(1,429)	(1,781)	(2,372)	(1,151)	(1,154)	(1,158)	(1,162)	(1,166)	(1,171)	(1,175)	(1,180)	(1,185)	(1,191)	(1,196)
32			BPA Borrowing Subtotal:	(1,379)	(1,409)	(1,429)	(1,781)	(2,372)	(1,151)	(1,154)	(1,158)	(1,162)	(1,166)	(1,171)	(1,175)	(1,180)	(1,185)	(1,191)	(1,196)
33		Interest Income Subtotal:		(1,379)	(1,409)	(1,429)	(1,781)	(2,372)	(1,151)	(1,154)	(1,158)	(1,162)	(1,166)	(1,171)	(1,175)	(1,180)	(1,185)	(1,191)	(1,196)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	72,757	70,241	67,393	60,867	48,960	40,565	38,770	36,641	34,421	32,108	29,697	27,184	24,565	21,836	18,991	16,027
50			Federal Generation Replacements Subtotal:	72,757	70,241	67,393	60,867	48,960	40,565	38,770	36,641	34,421	32,108	29,697	27,184	24,565	21,836	18,991	16,027
51		Treasury Subtotal:		72,757	70,241	67,393	60,867	48,960	40,565	38,770	36,641	34,421	32,108	29,697	27,184	24,565	21,836	18,991	16,027
52	Grand Total:			71,378	68,831	65,964	59,087	46,588	39,414	37,617	35,483	33,259	30,942	28,526	26,009	23,385	20,651	17,801	14,830

**TABLE 11D
SUMMARY OF INTEREST
FY 2026
(\$000s)**

	A	B	C	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY
1	Obligation Type	General Project	Specific Project	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,202)	(1,208)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)
32			BPA Borrowing Subtotal:	(1,202)	(1,208)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)
33		Interest Income Subtotal:		(1,202)	(1,208)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48		BPA Borrowing Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements		Replacements	12,937	10,537	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714
50		Federal Generation Replacements Subtotal:		12,937	10,537	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714
51	Treasury Subtotal:			12,937	10,537	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714	9,714
52	Grand Total:			11,735	9,329	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503	8,503

**TABLE 11D
SUMMARY OF INTEREST
FY 2026
(\$000s)**

	A	B	C	AZ	BA	BB	BC	BD	BE
1	Obligation Type	General Project	Specific Project	2072	2073	2074	2075	2076	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	4,519
4			Hungry Horse Dam	-	-	-	-	-	1
5			Minidoka/Palisades	-	-	-	-	-	3,562
6			RRP - Green Springs	-	-	-	-	-	243
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	8,325
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	4
9			Bonneville Dam	-	-	-	-	-	3,074
10			Chief Joseph	-	-	-	-	-	2,172
11			Columbia River Fish Mitigation	-	-	-	-	-	194,418
12			Cougar	-	-	-	-	-	1,099
13			Detroit Lake/Big Cliff	-	-	-	-	-	116
14			Dworshak	-	-	-	-	-	6
15			Green Peter/Foster	-	-	-	-	-	132
16			Hills Creek	-	-	-	-	-	31
17			Ice Harbor	-	-	-	-	-	1,202
18			John Day	-	-	-	-	-	1,295
19			Libby	-	-	-	-	-	104
20			Little Goose	-	-	-	-	-	1,724
21			Lookout Dam	-	-	-	-	-	63
22			Lost Creek	-	-	-	-	-	2
23			Lower Granite	-	-	-	-	-	5,276
24			Lower Monument	-	-	-	-	-	529
25			McNary	-	-	-	-	-	633
26			The Dalles	-	-	-	-	-	110
27			Corps of Engineers Subtotal:	-	-	-	-	-	211,990
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	885
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	885
30		Appropriation Subtotal:		-	-	-	-	-	221,200
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(69,107)
32			BPA Borrowing Subtotal:	(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(69,107)
33		Interest Income Subtotal:		(1,211)	(1,211)	(1,211)	(1,211)	(1,211)	(69,107)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	68,334
35			Interest Accrual	-	-	-	-	-	11,867
36			Interest Accrual Reversal	-	-	-	-	-	(15,219)
37			Conservation	-	-	-	-	-	4,423
38			Construction (AS)	-	-	-	-	-	3,617
39			Corps	-	-	-	-	-	132,291
40			Interest Accrual	-	-	-	-	-	24,077
41			Interest Accrual Reversal	-	-	-	-	-	(27,225)
42			Fish and Wildlife	-	-	-	-	-	31,585
43			Interest Accrual	-	-	-	-	-	3,509
44			Interest Accrual Reversal	-	-	-	-	-	(4,616)
45			Technology (G)	-	-	-	-	-	1,828
46			Interest Accrual	-	-	-	-	-	143
47			Interest Accrual Reversal	-	-	-	-	-	(209)
48			BPA Borrowing Subtotal:	-	-	-	-	-	234,404
49		Federal Generation Replacements	Replacements	9,714	9,714	9,714	9,714	9,714	1,559,939
50			Federal Generation Replacements Subtotal:	9,714	9,714	9,714	9,714	9,714	1,559,939
51		Treasury Subtotal:		9,714	9,714	9,714	9,714	9,714	1,794,342
52	Grand Total:			8,503	8,503	8,503	8,503	8,503	1,946,435

**TABLE 11E
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	7,332	-	2,928	13,165	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	4	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	15,518	145	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	1,108	-	-	1	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	23,962	145	2,928	13,166	-	-	-
8		Corps of Engineers	Albion Falls	-	42	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	4,169	-	-	-	10,963	838	268	-	-	-	-	-
10			Chief Joseph	-	24,727	-	-	-	31	-	10	-	-	-	-	-
11			Columbia River Fish Mitigation	-	173,479	-	-	45,610	279,473	213,662	122,238	135,155	4,458	-	80,420	-
12			Cougar	-	180	-	-	-	432	2	4,088	269	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	18	-	560	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	29	-	2	-
15			Green Peter/Foster	-	-	-	-	385	115	148	-	-	1	-	-	-
16			Hills Creek	-	-	-	-	-	154	-	-	-	-	-	-	-
17			Ice Harbor	-	207	-	-	-	934	4,363	-	-	-	-	-	-
18			John Day	-	356	-	-	-	6,224	-	-	-	-	-	-	-
19			Libby	-	40	-	-	-	167	-	282	-	5	-	-	-
20			Little Goose	-	30	-	-	-	-	66	2,707	-	5,504	-	7	-
21			Lookout Dam	-	-	-	-	-	311	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	7	-	-	-	-	-	-	-
23			Lower Granite	-	1,603	-	-	2,644	8	3,475	-	-	18,822	-	423	-
24			Lower Monument	-	-	-	-	1,430	89	155	-	942	-	-	-	-
25			McNary	-	-	-	-	759	576	1,479	-	239	-	-	-	-
26			The Dalles	-	-	-	-	-	464	15	10	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	204,832	-	-	50,846	299,486	225,211	129,609	136,614	28,819	-	80,852	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	1,545	-	-	-	343	1,256	1,608	295	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	1,545	-	-	-	343	1,256	1,608	295	-	-	-	-
30		Appropriation Subtotal:		-	206,378	-	-	50,846	299,829	250,429	131,362	139,838	41,986	-	80,852	-
31	Bond	BPA Borrowing	Bureau Direct	109,500	77,000	59,500	42,700	-	-	12,000	26,000	26,000	88,000	73,000	48,000	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	97,000	-	6,000	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	4,200	-	10,400	-	2,000	16,800	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	67,300	102,700	283,900	202,400	14,000	40,000	40,000	105,004	20,389	70,177	194,326	17,496	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	49,000	54,922	77,200	76,000	3,000	21,078	8,000	-	38,000	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	5,000	-	9,922	78	900	1,400	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	407,000	239,622	437,000	331,022	19,078	78,778	61,400	131,004	84,389	158,177	267,326	65,496	-
50		Federal Generation Replacements	Replacements	-	-	-	-	-	-	-	-	-	-	-	99,979	260,077
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	-	-	-	-	-	-	-	-	-	-	-	99,979	260,077
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		407,000	239,622	437,000	331,022	19,078	78,778	61,400	131,004	84,389	158,177	267,326	165,475	260,077
57	Irrigation	Irrigation Assistance	Irrigation Assistance	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
58			Irrigation Assistance Subtotal:	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
59		Irrigation Subtotal:		8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
60	Grand Total:			415,275	459,216	457,662	337,391	81,558	382,671	313,825	273,564	224,227	284,510	267,326	254,586	288,997

**TABLE 11E
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)**

	A	B	C	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1	Obligation Type	General Project	Specific Project	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albion Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation Replacements	Replacements	273,960	310,340	305,808	328,939	263,790	344,998	442,052	605,838	271,813	285,932	288,063	290,289	292,606
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	273,960	310,340	305,808	328,939	263,790	344,998	442,052	605,838	271,813	285,932	288,063	290,289	292,606
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		273,960	310,340	305,808	328,939	263,790	344,998	442,052	605,838	271,813	285,932	288,063	290,289	292,606
57	Irrigation	Irrigation Assistance	Irrigation Assistance	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
58			Irrigation Assistance Subtotal:	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
59		Irrigation Subtotal:		16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
60	Grand Total:			289,978	310,340	319,772	328,939	337,449	344,998	442,052	605,838	284,134	285,932	288,063	290,289	292,606

**TABLE 11E
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)**

	A	B	C	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP
1	Obligation Type	General Project	Specific Project	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palmsades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lest Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation Replacements	Replacements	295,022	297,540	300,164	302,898	305,747	308,717	311,815	275,282	235,389	235,389	235,389	235,389	235,389
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	295,022	297,540	300,164	302,898	305,747	308,717	311,815	275,282	235,389	235,389	235,389	235,389	235,389
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		295,022	297,540	300,164	302,898	305,747	308,717	311,815	275,282	235,389	235,389	235,389	235,389	235,389
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
60	Grand Total:			295,022	297,540	300,164	302,898	305,747	308,717	311,815	275,282	235,389	235,389	235,389	235,389	235,389

**TABLE 11E
APPLICATION OF AMORTIZATION
FY 2026
(\$000s)**

	A	B	C	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE
1	Obligation Type	General Project	Specific Project	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23,424
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15,664
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,109
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40,202
8		Corps of Engineers	Albion Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16,237
10			Chief Joseph	-	-	-	-	-	24,769	-	-	-	-	-	-	-	-	24,769
11			Columbia River Fish Mitigation	-	-	-	-	-	1,054,495	-	-	-	-	-	-	-	-	1,054,495
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,971
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	578
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	648
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,503
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6,580
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	494
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,314
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26,975
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,617
25			McNary	-	-	-	-	-	3,052	-	-	-	-	-	-	-	-	3,052
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	489
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,156,269
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,049
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5,049
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,201,519
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	641,700
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	103,000
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33,400
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,157,693
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	327,200
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17,300
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,280,293
50		Federal Generation Replacements	Replacements	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	11,534,061
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	11,534,061
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	13,814,354
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	-	234,903
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	234,903
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	234,903
60	Grand Total:			235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	235,389	15,250,776

12. REPAYMENT STUDY DATA, FY 2027 STUDY

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1995	09/2045	7.150%	1,105	0		
2	Albeni Falls	09/1995	09/2045	7.150%	443	0		
3	Albeni Falls	09/1995	09/2045	7.150%	531	0		
4	Albeni Falls	09/1997	09/2047	7.150%	431	0		
5	Albeni Falls	09/2005	09/2055	5.125%	481	0		
6	Albeni Falls	09/2009	09/2059	4.375%	57	0		
7	Albeni Falls	09/2010	09/2060	4.250%	42	42		
8	Boise	09/1996	09/2046	6.950%	7	0		
9	Boise	09/1996	09/2046	7.150%	442	0		
10	Boise	09/1996	09/2046	7.150%	656	0		
11	Boise	09/1997	09/2047	6.950%	9	0		
12	Boise	09/1997	09/2047	7.150%	2,266	0		
13	Boise	09/2005	09/2055	5.125%	903	0		
14	Boise	09/2006	09/2056	4.500%	15	0		
15	Boise	09/2007	09/2057	5.000%	76	0		
16	Boise	09/2008	09/2058	4.875%	64	0		
17	Boise	09/2009	09/2059	4.375%	2	0		
18	Boise	09/2015	09/2065	3.250%	0	0		
19	Boise	09/2016	09/2066	3.000%	118			
20	Boise	09/2018	09/2068	2.750%		0		
21	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
22	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
23	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
24	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
25	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
26	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
27	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
28	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
29	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
30	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
31	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
32	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
33	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
34	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
35	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
36	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
37	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
38	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
39	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
40	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
41	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
42	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
43	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
44	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
45	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
46	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
47	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
48	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
49	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
50	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
51	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
52	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
53	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
54	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
55	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
56	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
57	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
58	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
59	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
60	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
61	Bonneville Dam	09/1997	09/2047	7.150%	161	0		
62	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
63	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
64	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
65	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
66	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
67	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
68	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
69	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
70	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
71	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
72	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
73	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
74	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
75	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
76	Bonneville Dam	09/2014	09/2064	3.875%				
77	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
78	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
79	Chief Joseph	09/1977	09/2027	7.150%	30,512	0		
80	Chief Joseph	09/1978	09/2028	7.150%	75,669	0		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
81	Chief Joseph	09/1979	09/2029	7.150%	60,079	0		
82	Chief Joseph	09/1985	09/2029	7.150%	16,372	0		
83	Chief Joseph	09/1986	09/2029	7.150%	5,363	0		
84	Chief Joseph	09/1987	09/2029	7.150%	3,036	0		
85	Chief Joseph	09/1988	09/2029	7.150%	2,722	0		
86	Chief Joseph	09/1989	09/2029	7.150%	2,227	0		
87	Chief Joseph	09/1990	09/2029	7.150%	4,505	0		
88	Chief Joseph	09/1991	09/2029	8.750%	3,840	0		
89	Chief Joseph	09/1992	09/2029	8.500%	2,032	0		
90	Chief Joseph	09/1993	09/2029	7.875%	1,360	0		
91	Chief Joseph	09/1994	09/2029	7.125%	129	0		
92	Chief Joseph	09/1994	09/2029	7.125%	65	0		
93	Chief Joseph	09/1994	09/2044	7.150%	4,280	0		
94	Chief Joseph	09/1995	09/2045	7.150%	147	0		
95	Chief Joseph	09/1995	09/2045	7.150%	562	0		
96	Chief Joseph	09/1995	09/2045	7.150%	712	0		
97	Chief Joseph	09/1995	09/2045	7.150%	784	0		
98	Chief Joseph	09/1996	09/2031	7.150%	27	0		
99	Chief Joseph	09/1996	09/2046	7.150%	3	0		
100	Chief Joseph	09/1996	09/2046	7.150%	4	0		
101	Chief Joseph	09/1996	09/2046	7.150%	355	0		
102	Chief Joseph	09/1996	09/2046	7.150%	729	0		
103	Chief Joseph	09/1997	09/2032	7.150%	166	0		
104	Chief Joseph	09/1997	09/2047	7.150%	657	0		
105	Chief Joseph	09/2001	09/2051	5.875%	345	0		
106	Chief Joseph	09/2002	09/2052	5.500%	2	0		
107	Chief Joseph	09/2003	09/2053	5.125%	992	0		
108	Chief Joseph	09/2008	09/2058	4.875%	3,500	0		
109	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
110	Chief Joseph	09/2011	09/2061	3.750%	4	4		
111	Chief Joseph	09/2012	09/2062	3.375%	28	28		
112	Chief Joseph	09/2013	09/2063	2.875%	10	10		
113	Columbia Basin	09/1995	09/2020	7.250%	206	0		
114	Columbia Basin	09/1995	09/2030	7.150%	25	0		
115	Columbia Basin	09/1995	09/2030	7.860%	270	0		
116	Columbia Basin	09/1995	09/2030	7.860%	321	0		
117	Columbia Basin	09/1995	09/2030	7.860%	323	0		
118	Columbia Basin	09/1995	09/2030	7.860%	20	0		
119	Columbia Basin	09/1995	09/2045	7.150%	287	0		
120	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
121	Columbia Basin	09/1995	09/2045	7.860%	450	0		
122	Columbia Basin	09/1995	09/2045	7.860%	450	0		
123	Columbia Basin	09/1996	09/2026	7.150%	72	0		
124	Columbia Basin	09/1996	09/2031	7.150%	109	0		
125	Columbia Basin	09/1996	09/2031	7.150%	251	0		
126	Columbia Basin	09/1996	09/2046	7.150%	426	0		
127	Columbia Basin	09/1996	09/2046	7.150%	368	0		
128	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
129	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		
130	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
131	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
132	Columbia Basin	09/2007	09/2057	5.000%	929	0		
133	Columbia Basin	09/2008	09/2058	4.875%	835	0		
134	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
135	Columbia Basin	09/2010	09/2060	4.250%	877	0		
136	Columbia Basin	09/2011	09/2061	3.750%	1,723	0		
137	Columbia Basin	09/2012	09/2062	3.375%	11	0		
138	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
139	Columbia Basin	09/2014	09/2064	3.875%	0	0		
140	Columbia Basin	09/2015	09/2065	3.250%	0	0		
141	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
142	Columbia Basin	09/2018	09/2068	2.750%	17	0		
143	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
144	Columbia Basin	09/2020	09/2070	2.125%	202	63		
145	Columbia Basin	09/2022	09/2072	1.875%	13,165	13,165		
146	Columbia Basin	09/2023	09/2073	3.375%	32	32		
147	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
148	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
149	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
150	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
151	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
152	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
153	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
154	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
155	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
156	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
157	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
158	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
159	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
160	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		

**TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
161	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
162	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
163	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
164	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
165	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
166	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
167	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
168	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
169	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
170	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
171	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
172	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
173	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
174	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
175	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
176	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
177	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
178	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
179	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
180	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
181	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
182	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
183	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		
184	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
185	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
186	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
187	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	0		
188	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
189	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
190	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
191	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
192	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
193	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
194	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
195	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
196	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
197	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
198	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
199	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
200	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
201	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
202	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		
203	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,574	1,574		
204	Columbia River Fish Mitigation	09/2023	09/2073	3.375%	4,472	4,472		
205	Cougar	09/1997	09/2047	7.150%	26	0		
206	Cougar	09/2004	09/2054	5.375%	3,622	0		
207	Cougar	09/2005	09/2055	5.125%	8,130	0		
208	Cougar	09/2006	09/2056	4.500%	109	0		
209	Cougar	09/2007	09/2057	5.000%	120	0		
210	Cougar	09/2009	09/2059	4.375%	121	121		
211	Cougar	09/2010	09/2060	4.250%	59	59		
212	Cougar	09/2011	09/2061	3.750%	282	282		
213	Cougar	09/2012	09/2062	3.375%	139	139		
214	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
215	Cougar	09/2014	09/2064	3.875%	12	12		
216	Cougar	09/2016	09/2066	3.000%	2	2		
217	Cougar	09/2017	09/2067	2.375%	2	2		
218	Cougar	09/2020	09/2070	2.125%	267	267		
219	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
220	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
221	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
222	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
223	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
224	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
225	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
226	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
227	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
228	Dworshak	09/1973	09/2023	7.190%	138,443	0		
229	Dworshak	09/1973	09/2023	7.190%	836	0		
230	Dworshak	09/1974	09/2023	7.190%	515	0		
231	Dworshak	09/1974	09/2023	7.190%	3	0		
232	Dworshak	09/1975	09/2023	7.190%	518	0		
233	Dworshak	09/1975	09/2023	7.190%	3	0		
234	Dworshak	09/1976	09/2023	7.190%	518	0		
235	Dworshak	09/1976	09/2023	7.190%	3	0		
236	Dworshak	09/1977	09/2023	7.190%	518	0		
237	Dworshak	09/1977	09/2023	7.190%	3	0		
238	Dworshak	09/1978	09/2023	7.190%	518	0		
239	Dworshak	09/1978	09/2023	7.190%	3	0		
240	Dworshak	09/1979	09/2023	7.190%	518	0		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
241	Dworshak	09/1979	09/2023	7.190%	3	0		
242	Dworshak	09/1980	09/2023	7.190%	518	0		
243	Dworshak	09/1980	09/2023	7.190%	3	0		
244	Dworshak	09/1981	09/2023	7.190%	518	0		
245	Dworshak	09/1981	09/2023	7.190%	3	0		
246	Dworshak	09/1982	09/2023	7.190%	518	0		
247	Dworshak	09/1982	09/2023	7.190%	3	0		
248	Dworshak	09/1983	09/2023	7.190%	523	0		
249	Dworshak	09/1983	09/2023	7.190%	3	0		
250	Dworshak	09/1984	09/2023	10.750%	2,499	0		
251	Dworshak	09/1984	09/2023	10.750%	15	0		
252	Dworshak	09/1985	09/2023	7.190%	1,141	0		
253	Dworshak	09/1986	09/2023	7.190%	197	0		
254	Dworshak	09/1987	09/2023	7.190%	36	0		
255	Dworshak	09/1987	09/2023	8.875%	65	0		
256	Dworshak	09/1988	09/2023	8.500%	61	0		
257	Dworshak	09/1989	09/2023	9.250%	63	0		
258	Dworshak	09/1990	09/2023	8.875%	245	0		
259	Dworshak	09/1990	09/2023	8.875%	24	0		
260	Dworshak	09/1991	09/2023	8.750%	224	0		
261	Dworshak	09/1992	09/2023	2.625%	4	0		
262	Dworshak	09/1992	09/2023	8.500%	28	0		
263	Dworshak	09/1992	09/2023	8.500%	24	0		
264	Dworshak	09/1993	09/2023	7.875%	41	0		
265	Dworshak	09/1993	09/2023	7.875%	1,872	0		
266	Dworshak	09/1994	09/2029	7.125%	1,351	0		
267	Dworshak	09/1994	09/2029	7.125%	964	0		
268	Dworshak	09/1995	09/2020	7.930%	55	0		
269	Dworshak	09/1995	09/2030	7.150%	218	0		
270	Dworshak	09/1995	09/2045	7.150%	1,162	0		
271	Dworshak	09/1996	09/2021	7.230%	26	0		
272	Dworshak	09/1996	09/2021	7.230%	184	0		
273	Dworshak	09/1996	09/2031	7.150%	6	0		
274	Dworshak	09/1996	09/2031	7.150%	203	0		
275	Dworshak	09/1996	09/2046	7.150%	3	0		
276	Dworshak	09/1996	09/2046	7.150%	4	0		
277	Dworshak	09/1996	09/2046	7.150%	46	0		
278	Dworshak	09/1997	09/2047	7.150%	7,588	0		
279	Dworshak	09/1999	09/2049	5.375%	630	0		
280	Dworshak	09/2002	09/2052	5.500%	199	0		
281	Dworshak	09/2003	09/2053	5.125%	761	0		
282	Dworshak	09/2005	09/2055	5.125%	713	0		
283	Dworshak	09/2006	09/2056	4.500%	73	0		
284	Dworshak	09/2008	09/2058	4.875%	10	0		
285	Dworshak	09/2009	09/2059	4.375%	2,307	0		
286	Dworshak	09/2014	09/2064	3.875%	50	0		
287	Dworshak	09/2020	09/2070	2.125%	29	29		
288	Dworshak	09/2021	09/2071	1.375%	2	2		
289	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
290	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
291	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
292	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
293	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
294	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
295	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
296	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
297	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
298	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
299	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
300	Hills Creek	09/1996	09/2046	7.150%	28	0		
301	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
302	Hills Creek	09/2001	09/2051	5.875%	8	0		
303	Hills Creek	09/2002	09/2052	5.500%	2	0		
304	Hills Creek	09/2005	09/2055	5.125%	46	0		
305	Hills Creek	09/2011	09/2061	3.750%	12	12		
306	Hills Creek	09/2012	09/2062	3.375%	142	142		
307	Hills Creek	09/2022	09/2072	1.875%	0	0		
308	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0		
309	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0		
310	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0		
311	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0		
312	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0		
313	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0		
314	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0		
315	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0		
316	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0		
317	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0		
318	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0		
319	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0		
320	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
321	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0		
322	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0		
323	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0		
324	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0		
325	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0		
326	Hungry Horse Dam	09/2023	09/2073	3.375%	4	4		
327	Ice Harbor	09/1976	09/2026	7.150%	20,472	0		
328	Ice Harbor	09/1976	09/2026	7.150%	228	0		
329	Ice Harbor	09/1985	09/2026	7.150%	21	0		
330	Ice Harbor	09/1994	09/2029	7.125%	328	0		
331	Ice Harbor	09/1994	09/2029	7.125%	520	0		
332	Ice Harbor	09/1996	09/2031	7.150%	78	0		
333	Ice Harbor	09/1996	09/2041	7.150%	371	0		
334	Ice Harbor	09/1997	09/2022	7.230%	66	0		
335	Ice Harbor	09/1997	09/2047	7.150%	67	0		
336	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
337	Ice Harbor	09/2000	09/2050	6.125%	548	0		
338	Ice Harbor	09/2001	09/2051	5.875%	764	0		
339	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
340	Ice Harbor	09/2003	09/2053	5.125%	50	0		
341	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
342	Ice Harbor	09/2008	09/2058	4.875%	14	0		
343	Ice Harbor	09/2009	09/2059	4.375%	2,615	0		
344	Ice Harbor	09/2010	09/2060	4.250%	207	207		
345	Ice Harbor	09/2011	09/2061	3.750%	819	819		
346	Ice Harbor	09/2012	09/2062	3.375%	115	115		
347	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
348	Ice Harbor	09/2016	09/2066	3.000%	558	558		
349	Ice Harbor	09/2019	09/2069	3.125%	630	630		
350	John Day	09/1970	09/2020	7.250%	23,656	0		
351	John Day	09/1971	09/2021	7.230%	34,974	0		
352	John Day	09/1972	09/2022	7.210%	11,502	0		
353	John Day	09/1984	09/2022	10.750%	3,677	0		
354	John Day	09/1985	09/2022	7.210%	6,490	0		
355	John Day	09/1985	09/2022	12.375%	1,209	0		
356	John Day	09/1986	09/2022	7.210%	3,227	0		
357	John Day	09/1986	09/2022	11.375%	713	0		
358	John Day	09/1987	09/2022	7.210%	706	0		
359	John Day	09/1987	09/2022	8.875%	4,353	0		
360	John Day	09/1988	09/2022	8.500%	332	0		
361	John Day	09/1988	09/2022	8.500%	199	0		
362	John Day	09/1989	09/2022	7.210%	30	0		
363	John Day	09/1989	09/2022	9.250%	377	0		
364	John Day	09/1990	09/2022	7.210%	37	0		
365	John Day	09/1990	09/2022	8.875%	543	0		
366	John Day	09/1991	09/2022	8.750%	13,218	0		
367	John Day	09/1991	09/2022	8.750%	144	0		
368	John Day	09/1992	09/2022	7.210%	19	0		
369	John Day	09/1992	09/2022	8.500%	95	0		
370	John Day	09/1993	09/2022	7.875%	7,810	0		
371	John Day	09/1993	09/2022	7.875%	9,585	0		
372	John Day	09/1994	09/2029	7.125%	1,252	0		
373	John Day	09/1995	09/2020	7.250%	79	0		
374	John Day	09/1995	09/2035	7.150%	22	0		
375	John Day	09/1995	09/2035	7.150%	52	0		
376	John Day	09/1995	09/2035	7.150%	121	0		
377	John Day	09/1995	09/2045	7.150%	37	0		
378	John Day	09/1995	09/2045	7.150%	608	0		
379	John Day	09/1995	09/2045	7.150%	7,653	0		
380	John Day	09/1997	09/2022	7.230%	133	0		
381	John Day	09/1997	09/2047	7.150%	179	0		
382	John Day	09/1999	09/2049	5.375%	3,510	0		
383	John Day	09/2000	09/2050	6.125%	2,761	0		
384	John Day	09/2001	09/2051	5.875%	619	0		
385	John Day	09/2004	09/2054	5.375%	2,830	0		
386	John Day	09/2005	09/2055	5.125%	2,827	0		
387	John Day	09/2006	09/2056	4.500%	601	0		
388	John Day	09/2007	09/2057	5.000%	233	0		
389	John Day	09/2009	09/2059	4.375%	1,548	0		
390	John Day	09/2010	09/2060	4.250%	356	356		
391	John Day	09/2011	09/2061	3.750%	175	175		
392	John Day	09/2012	09/2062	3.375%	6,161	6,050		
393	John Day	09/2013	09/2063	2.875%	17	0		
394	John Day	09/2015	09/2065	3.250%	163	0		
395	Libby	09/1975	09/2025	7.160%	54,644	0		
396	Libby	09/1976	09/2026	7.150%	153,432	0		
397	Libby	09/1977	09/2026	7.150%	1,465	0		
398	Libby	09/1978	09/2026	7.150%	1,465	0		
399	Libby	09/1979	09/2026	7.150%	1,465	0		
400	Libby	09/1980	09/2026	7.150%	1,465	0		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
401	Libby	09/1981	09/2026	7.150%	1,465	0		
402	Libby	09/1982	09/2026	7.150%	1,465	0		
403	Libby	09/1983	09/2026	7.150%	1,465	0		
404	Libby	09/1984	09/2026	10.750%	104	0		
405	Libby	09/1985	09/2026	7.150%	518	0		
406	Libby	09/1986	09/2026	7.150%	283	0		
407	Libby	09/1987	09/2026	7.150%	2	0		
408	Libby	09/1988	09/2026	8.505%	35	0		
409	Libby	09/1988	09/2038	7.150%	18,043	0		
410	Libby	09/1989	09/2026	7.150%	1	0		
411	Libby	09/1989	09/2026	9.250%	131	0		
412	Libby	09/1990	09/2026	8.875%	11	0		
413	Libby	09/1991	09/2026	8.750%	134	0		
414	Libby	09/1992	09/2026	8.500%	100	0		
415	Libby	09/1992	09/2026	8.500%	70	0		
416	Libby	09/1993	09/2026	7.875%	600	0		
417	Libby	09/1994	09/2029	7.125%	215	0		
418	Libby	09/1994	09/2029	7.150%	286	0		
419	Libby	09/1995	09/2030	7.150%	15	0		
420	Libby	09/1995	09/2030	7.150%	41	0		
421	Libby	09/1995	09/2030	7.150%	94	0		
422	Libby	09/1997	09/2022	7.230%	432	0		
423	Libby	09/1997	09/2047	7.150%	660	0		
424	Libby	09/2001	09/2051	5.875%	5,562	0		
425	Libby	09/2008	09/2058	4.875%	1,567	0		
426	Libby	09/2010	09/2060	4.250%	40	40		
427	Libby	09/2011	09/2061	3.750%	152	152		
428	Libby	09/2012	09/2062	3.375%	16	16		
429	Libby	09/2018	09/2068	2.750%	282	282		
430	Libby	09/2020	09/2070	2.125%	5	5		
431	Little Goose	09/1970	09/2020	7.250%	22,326	0		
432	Little Goose	09/1971	09/2021	7.230%	42,962	0		
433	Little Goose	09/1972	09/2021	7.230%	28	0		
434	Little Goose	09/1973	09/2021	7.230%	29	0		
435	Little Goose	09/1974	09/2021	7.230%	28	0		
436	Little Goose	09/1975	09/2021	7.230%	29	0		
437	Little Goose	09/1976	09/2021	7.230%	28	0		
438	Little Goose	09/1977	09/2021	7.230%	29	0		
439	Little Goose	09/1978	09/2021	7.230%	28	0		
440	Little Goose	09/1978	09/2028	7.150%	49,578	0		
441	Little Goose	09/1979	09/2021	7.230%	29	0		
442	Little Goose	09/1980	09/2021	7.230%	28	0		
443	Little Goose	09/1981	09/2021	7.230%	29	0		
444	Little Goose	09/1982	09/2021	7.230%	28	0		
445	Little Goose	09/1983	09/2021	7.230%	29	0		
446	Little Goose	09/1984	09/2021	10.750%	201	0		
447	Little Goose	09/1985	09/2021	7.230%	174	0		
448	Little Goose	09/1985	09/2028	7.150%	47	0		
449	Little Goose	09/1986	09/2021	7.230%	239	0		
450	Little Goose	09/1987	09/2021	7.230%	6	0		
451	Little Goose	09/1987	09/2021	8.875%	72	0		
452	Little Goose	09/1988	09/2021	8.500%	12	0		
453	Little Goose	09/1988	09/2021	8.500%	68	0		
454	Little Goose	09/1989	09/2021	9.250%	77	0		
455	Little Goose	09/1990	09/2021	8.875%	408	0		
456	Little Goose	09/1990	09/2021	8.875%	21	0		
457	Little Goose	09/1991	09/2021	8.750%	266	0		
458	Little Goose	09/1992	09/2021	8.500%	66	0		
459	Little Goose	09/1992	09/2021	8.500%	27	0		
460	Little Goose	09/1993	09/2021	7.875%	276	0		
461	Little Goose	09/1993	09/2021	7.875%	3,359	0		
462	Little Goose	09/1994	09/2029	7.125%	2,044	0		
463	Little Goose	09/1995	09/2040	7.150%	17	0		
464	Little Goose	09/1995	09/2040	7.150%	450	0		
465	Little Goose	09/1995	09/2040	7.150%	733	0		
466	Little Goose	09/1996	09/2046	7.150%	10	0		
467	Little Goose	09/1996	09/2046	7.150%	10	0		
468	Little Goose	09/1996	09/2046	7.150%	211	0		
469	Little Goose	09/1996	09/2046	7.150%	241	0		
470	Little Goose	09/1996	09/2046	7.150%	520	0		
471	Little Goose	09/1996	09/2046	7.150%	3,909	0		
472	Little Goose	09/1997	09/2047	7.150%	1	0		
473	Little Goose	09/2001	09/2051	5.875%	4,608	0		
474	Little Goose	09/2002	09/2052	5.500%	27	0		
475	Little Goose	09/2003	09/2053	5.125%	146	0		
476	Little Goose	09/2004	09/2054	5.375%	67	0		
477	Little Goose	09/2008	09/2058	4.875%	13	0		
478	Little Goose	09/2009	09/2059	4.375%	3,171	0		
479	Little Goose	09/2010	09/2060	4.250%	30	30		
480	Little Goose	09/2013	09/2063	2.875%	66	66		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
481	Little Goose	09/2018	09/2068	2.750%	2,707	2,707		
482	Little Goose	09/2020	09/2070	2.125%	5,504	5,504		
483	Little Goose	09/2021	09/2071	1.375%	7	7		
484	Lookout Dam	09/1995	09/2045	7.150%	80	0		
485	Lookout Dam	09/1995	09/2045	7.150%	33	0		
486	Lookout Dam	09/1995	09/2045	7.860%	9	0		
487	Lookout Dam	09/1995	09/2045	7.860%	15	0		
488	Lookout Dam	09/1995	09/2045	7.860%	31	0		
489	Lookout Dam	09/1995	09/2045	7.860%	157	0		
490	Lookout Dam	09/2000	09/2050	6.125%	5,098	0		
491	Lookout Dam	09/2003	09/2053	5.125%	135	0		
492	Lookout Dam	09/2005	09/2055	5.125%	7,355	0		
493	Lookout Dam	09/2007	09/2057	5.000%	572	0		
494	Lookout Dam	09/2011	09/2061	3.750%	17	17		
495	Lookout Dam	09/2012	09/2062	3.375%	294	294		
496	Lost Creek	09/1977	09/2027	7.150%	14,293	0		
497	Lost Creek	09/1978	09/2027	7.150%	58	0		
498	Lost Creek	09/1979	09/2027	7.150%	60	0		
499	Lost Creek	09/1980	09/2027	7.150%	60	0		
500	Lost Creek	09/1981	09/2027	7.150%	60	0		
501	Lost Creek	09/1982	09/2027	7.150%	60	0		
502	Lost Creek	09/1983	09/2027	7.150%	60	0		
503	Lost Creek	09/1984	09/2027	10.750%	243	0		
504	Lost Creek	09/1985	09/2027	7.150%	12	0		
505	Lost Creek	09/1986	09/2027	7.150%	6	0		
506	Lost Creek	09/1986	09/2027	11.375%	5	0		
507	Lost Creek	09/1987	09/2027	7.150%	4	0		
508	Lost Creek	09/1987	09/2027	8.875%	3	0		
509	Lost Creek	09/1988	09/2027	8.500%	7	0		
510	Lost Creek	09/1989	09/2027	9.250%	9	0		
511	Lost Creek	09/1990	09/2027	8.875%	1	0		
512	Lost Creek	09/1991	09/2027	8.750%	31	0		
513	Lost Creek	09/1992	09/2027	8.500%	1	0		
514	Lost Creek	09/1992	09/2027	8.500%	1	0		
515	Lost Creek	09/1993	09/2027	7.875%	1	0		
516	Lost Creek	09/1993	09/2027	7.875%	14	0		
517	Lost Creek	09/1995	09/2045	7.150%	94	0		
518	Lost Creek	09/1996	09/2031	7.150%	31	0		
519	Lost Creek	09/1996	09/2046	7.150%	24	0		
520	Lost Creek	09/2001	09/2051	5.875%	147	0		
521	Lost Creek	09/2011	09/2061	3.750%	7	7		
522	Lower Granite	09/1975	09/2025	7.160%	119,237	0		
523	Lower Granite	09/1976	09/2025	7.160%	510	0		
524	Lower Granite	09/1977	09/2025	7.160%	510	0		
525	Lower Granite	09/1978	09/2025	7.160%	510	0		
526	Lower Granite	09/1978	09/2028	7.150%	40,611	0		
527	Lower Granite	09/1979	09/2025	7.160%	510	0		
528	Lower Granite	09/1980	09/2025	7.160%	510	0		
529	Lower Granite	09/1981	09/2025	7.160%	510	0		
530	Lower Granite	09/1982	09/2025	7.160%	510	0		
531	Lower Granite	09/1983	09/2025	7.160%	510	0		
532	Lower Granite	09/1984	09/2025	10.750%	311	0		
533	Lower Granite	09/1985	09/2025	7.160%	328	0		
534	Lower Granite	09/1986	09/2025	7.160%	215	0		
535	Lower Granite	09/1986	09/2025	11.375%	4	0		
536	Lower Granite	09/1987	09/2025	7.160%	8	0		
537	Lower Granite	09/1987	09/2025	8.875%	60	0		
538	Lower Granite	09/1988	09/2025	8.500%	22	0		
539	Lower Granite	09/1988	09/2025	8.500%	95	0		
540	Lower Granite	09/1989	09/2025	9.250%	112	0		
541	Lower Granite	09/1990	09/2025	8.875%	392	0		
542	Lower Granite	09/1991	09/2025	8.750%	281	0		
543	Lower Granite	09/1991	09/2025	8.750%	6	0		
544	Lower Granite	09/1992	09/2025	8.500%	83	0		
545	Lower Granite	09/1992	09/2025	8.500%	121	0		
546	Lower Granite	09/1993	09/2025	7.875%	26	0		
547	Lower Granite	09/1993	09/2025	7.875%	3,272	0		
548	Lower Granite	09/1994	09/2029	7.150%	3,543	0		
549	Lower Granite	09/1995	09/2025	7.160%	96	0		
550	Lower Granite	09/1996	09/2031	7.150%	206	0		
551	Lower Granite	09/1996	09/2046	7.150%	9	0		
552	Lower Granite	09/1996	09/2046	7.150%	625	0		
553	Lower Granite	09/1997	09/2047	7.150%	677	0		
554	Lower Granite	09/1999	09/2049	5.375%	856	0		
555	Lower Granite	09/2001	09/2051	5.875%	2,025	0		
556	Lower Granite	09/2002	09/2052	5.500%	1,275	0		
557	Lower Granite	09/2003	09/2053	5.125%	42	0		
558	Lower Granite	09/2005	09/2055	5.125%	393	0		
559	Lower Granite	09/2008	09/2058	4.875%	24	0		
560	Lower Granite	09/2009	09/2059	4.375%	5,669	446		

**TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
561	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156		
562	Lower Granite	09/2011	09/2061	3.750%	8	8		
563	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644		
564	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597		
565	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878		
566	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822		
567	Lower Granite	09/2021	09/2071	1.375%	423	423		
568	Lower Monument	09/1970	09/2020	7.250%	51,218	0		
569	Lower Monument	09/1971	09/2020	7.250%	214	0		
570	Lower Monument	09/1972	09/2020	7.250%	214	0		
571	Lower Monument	09/1973	09/2020	7.250%	214	0		
572	Lower Monument	09/1974	09/2020	7.250%	214	0		
573	Lower Monument	09/1975	09/2020	7.250%	214	0		
574	Lower Monument	09/1976	09/2020	7.250%	214	0		
575	Lower Monument	09/1977	09/2020	7.250%	214	0		
576	Lower Monument	09/1978	09/2020	7.250%	214	0		
577	Lower Monument	09/1979	09/2020	7.250%	214	0		
578	Lower Monument	09/1979	09/2029	7.150%	40,669	0		
579	Lower Monument	09/1980	09/2020	7.250%	214	0		
580	Lower Monument	09/1981	09/2020	7.250%	214	0		
581	Lower Monument	09/1982	09/2020	7.250%	214	0		
582	Lower Monument	09/1983	09/2020	7.250%	214	0		
583	Lower Monument	09/1985	09/2020	7.250%	8	0		
584	Lower Monument	09/1985	09/2029	7.150%	256	0		
585	Lower Monument	09/1986	09/2020	7.250%	132	0		
586	Lower Monument	09/1987	09/2020	7.250%	3	0		
587	Lower Monument	09/1987	09/2020	8.875%	50	0		
588	Lower Monument	09/1988	09/2020	8.500%	58	0		
589	Lower Monument	09/1988	09/2020	8.500%	1	0		
590	Lower Monument	09/1989	09/2020	9.250%	93	0		
591	Lower Monument	09/1990	09/2020	8.875%	358	0		
592	Lower Monument	09/1991	09/2020	8.750%	594	0		
593	Lower Monument	09/1992	09/2020	8.500%	4,484	0		
594	Lower Monument	09/1993	09/2020	7.875%	24	0		
595	Lower Monument	09/1993	09/2020	7.875%	2,175	0		
596	Lower Monument	09/1994	09/2029	7.125%	2,167	0		
597	Lower Monument	09/1995	09/2045	7.150%	41	0		
598	Lower Monument	09/1995	09/2045	7.150%	99	0		
599	Lower Monument	09/1995	09/2045	7.150%	624	0		
600	Lower Monument	09/1995	09/2045	7.150%	1,122	0		
601	Lower Monument	09/1996	09/2021	7.230%	37	0		
602	Lower Monument	09/1996	09/2021	7.230%	51	0		
603	Lower Monument	09/1996	09/2036	7.150%	264	0		
604	Lower Monument	09/1996	09/2046	7.150%	10	0		
605	Lower Monument	09/2001	09/2051	5.875%	3,301	0		
606	Lower Monument	09/2002	09/2052	5.500%	29	0		
607	Lower Monument	09/2003	09/2053	5.125%	22	0		
608	Lower Monument	09/2004	09/2054	5.375%	3,423	0		
609	Lower Monument	09/2005	09/2055	5.125%	527	0		
610	Lower Monument	09/2006	09/2056	4.500%	285	0		
611	Lower Monument	09/2008	09/2058	4.875%	9	0		
612	Lower Monument	09/2009	09/2059	4.375%	2,332	0		
613	Lower Monument	09/2012	09/2062	3.375%	89	89		
614	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430		
615	Lower Monument	09/2016	09/2066	3.000%	155	155		
616	Lower Monument	09/2017	09/2067	2.375%	942	942		
617	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0		
618	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0		
619	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0		
620	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0		
621	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0		
622	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0		
623	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0		
624	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0		
625	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0		
626	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0		
627	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0		
628	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0		
629	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0		
630	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0		
631	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0		
632	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0		
633	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0		
634	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	0		
635	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0		
636	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540		
637	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6		
638	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122		
639	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222		
640	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
641	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608		
642	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295		
643	McNary	09/1995	09/2045	7.150%	16	0		
644	McNary	09/1996	09/2026	7.150%	74	0		
645	McNary	09/1996	09/2026	7.150%	277	0		
646	McNary	09/1996	09/2046	7.150%	619	0		
647	McNary	09/1997	09/2032	7.150%	30	0		
648	McNary	09/2001	09/2051	5.875%	1,046	0		
649	McNary	09/2003	09/2053	5.125%	97	0		
650	McNary	09/2004	09/2054	5.375%	6,138	0		
651	McNary	09/2005	09/2055	5.125%	550	0		
652	McNary	09/2006	09/2056	4.500%	4,080	0		
653	McNary	09/2008	09/2058	4.875%	215	0		
654	McNary	09/2011	09/2061	3.750%	565	565		
655	McNary	09/2012	09/2062	3.375%	11	11		
656	McNary	09/2013	09/2063	2.875%	1,000	1,000		
657	McNary	09/2014	09/2064	3.875%	759	759		
658	McNary	09/2017	09/2067	2.375%	239	239		
659	McNary	09/2019	09/2069	3.125%	479	479		
660	Minidoka/Palises	09/1994	09/2029	7.125%	351	0		
661	Minidoka/Palises	09/1997	09/2047	7.150%	50,911	0		
662	Minidoka/Palises	09/2001	09/2051	5.875%	42	0		
663	Minidoka/Palises	09/2012	09/2062	3.375%	7	0		
664	Minidoka/Palises	09/2015	09/2065	3.250%	19,237	15,518		
665	Minidoka/Palises	09/2016	09/2066	3.000%	206	0		
666	Minidoka/Palises	09/2017	09/2067	2.375%	127	0		
667	Minidoka/Palises	09/2018	09/2068	2.750%	145	145		
668	Minidoka/Palises	09/2019	09/2069	3.125%		0		
669	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0		
670	RRP - Green Springs	09/2012	09/2062	3.375%	2	0		
671	RRP - Green Springs	09/2013	09/2063	2.875%		0		
672	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099		
673	RRP - Green Springs	09/2020	09/2070	2.125%	64	0		
674	RRP - Green Springs	09/2021	09/2071	1.375%	692	0		
675	RRP - Green Springs	09/2022	09/2072	1.875%	1	1		
676	RRP - Green Springs	09/2023	09/2073	3.375%	9	9		
677	The Dalles	09/1973	09/2023	7.190%	21,983	0		
678	The Dalles	09/1974	09/2024	7.170%	7,268	0		
679	The Dalles	09/1994	09/2029	7.125%	1,425	0		
680	The Dalles	09/1996	09/2046	7.150%	1,991	0		
681	The Dalles	09/2000	09/2050	6.125%	2,588	0		
682	The Dalles	09/2002	09/2052	5.500%	1,226	0		
683	The Dalles	09/2004	09/2054	5.375%	182	0		
684	The Dalles	09/2005	09/2055	5.125%	36,019	0		
685	The Dalles	09/2006	09/2056	4.500%	2,030	0		
686	The Dalles	09/2007	09/2057	5.000%	140	0		
687	The Dalles	09/2008	09/2058	4.875%	1,651	0		
688	The Dalles	09/2015	09/2065	3.250%	302	302		
689	The Dalles	09/2016	09/2066	3.000%	4	4		
690	The Dalles	09/2017	09/2067	2.375%	10	10		
691	The Dalles	09/2018	09/2068	2.750%	15	15		
692	The Dalles	09/2019	09/2069	3.125%	129	158		
693	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	1,068	0		
694	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	481	0		
695	Yakima Chandler/Kenniwick	09/1959	09/2022	7.210%	1	0		
696	Yakima Chandler/Kenniwick	09/1960	09/2022	7.210%	1	0		
697	Yakima Chandler/Kenniwick	09/1961	09/2022	7.210%	1	0		
698	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	10	0		
699	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	35	0		
700	Yakima Chandler/Kenniwick	09/1985	09/2022	12.375%	357	0		
701	Yakima Chandler/Kenniwick	09/1986	09/2022	7.210%	439	0		
702	Yakima Chandler/Kenniwick	09/1986	09/2022	11.375%	7	0		
703	Yakima Chandler/Kenniwick	09/1987	09/2022	8.875%	126	0		
704	Yakima Chandler/Kenniwick	09/1989	09/2022	9.250%	18	0		
705	Yakima Chandler/Kenniwick	09/1990	09/2022	8.875%	40	0		
706	Yakima Chandler/Kenniwick	09/1991	09/2022	8.750%	109	0		
707	Yakima Chandler/Kenniwick	09/2005	09/2055	5.125%	833	0		
708	Yakima Chandler/Kenniwick	09/2009	09/2059	4.375%	15	0		
709	Yakima Chandler/Kenniwick	09/2018	09/2068	2.750%	49	0		
710	Yakima Roza	09/2001	09/2051	5.875%	15	0		
711	Bureau Direct	01/2009	01/2021	3.999%	25,000	0		
712	Bureau Direct	04/2009	04/2023	4.391%	25,000	0		
713	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000		
714	Bureau Direct	03/2010	03/2020	4.083%	30,000	0		
715	Bureau Direct	04/2010	04/2020	3.973%	18,000	0		
716	Bureau Direct	05/2010	05/2020	3.574%	15,000	0		
717	Bureau Direct	06/2010	06/2020	3.243%	10,000	0		
718	Bureau Direct	06/2010	06/2020	3.243%	30,000	0		
719	Bureau Direct	07/2010	07/2020	3.118%	17,000	0		
720	Bureau Direct	08/2010	08/2020	0.165%	5,000	0		

**TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
721	Bureau Direct	09/2010	09/2021	2.883%	22,000	0		
722	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000		
723	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000		
724	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000		
725	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000		
726	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000		
727	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000		
728	Bureau Direct	09/2011	07/2041	3.825%	30,000	0		
729	Bureau Direct	12/2011	12/2038	3.880%	35,000	0		
730	Bureau Direct	01/2012	01/2038	3.893%	15,000	0		
731	Bureau Direct	02/2012	09/2024	5.060%	55,000	16,500		
732	Bureau Direct	06/2012	06/2041	3.666%	50,000	0		
733	Bureau Direct	08/2012	07/2042	3.834%	44,000	0		
734	Bureau Direct	09/2012	09/2042	3.668%	25,000	0		
735	Bureau Direct	01/2013	01/2043	6.194%	70,000	0		
736	Bureau Direct	02/2013	02/2043	5.993%	18,000	0		
737	Bureau Direct	03/2013	03/2043	5.958%	15,000	0		
738	Bureau Direct	04/2013	04/2043	5.633%	15,000	0		
739	Bureau Direct	05/2013	05/2043	6.192%	18,000	0		
740	Bureau Direct	06/2013	01/2039	1.580%	35,000	0		
741	Bureau Direct	06/2013	06/2043	6.938%	21,000	0		
742	Bureau Direct	07/2013	07/2034	7.164%	25,000	0		
743	Bureau Direct	08/2013	08/2034	7.413%	15,000	0		
744	Bureau Direct	11/2013	09/2020	2.473%	51,000	0		
745	Bureau Direct	11/2013	09/2021	2.812%	50,000	0		
746	Bureau Direct	11/2013	09/2022	3.125%	19,000	0		
747	Bureau Direct	09/2014	05/2032	1.669%	16,000	0		
748	Bureau Direct	09/2014	05/2032	1.669%	10,000	0		
749	Bureau Direct	09/2014	06/2033	1.630%	11,000	0		
750	Bureau Direct	09/2014	06/2033	1.630%	12,000	0		
751	Bureau Direct	09/2014	07/2033	1.580%	15,000	0		
752	Bureau Direct	09/2015	09/2033	3.134%	10,000	0		
753	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000		
754	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000		
755	Bureau Direct	08/2018	01/2048	1.580%	13,000	0		
756	Bureau Direct	08/2018	02/2048	0.059%	5,000	0		
757	Bureau Direct	08/2018	03/2048	1.896%	26,000	0		
758	Bureau Direct	08/2018	06/2048	1.630%	16,000	0		
759	Bureau Direct	09/2018	02/2048	0.668%	29,000	0		
760	Bureau Direct	12/2018	09/2029	3.100%	13,000	0		
761	Bureau Direct	12/2018	09/2029	3.100%	43,000	0		
762	Bureau Direct	08/2019	08/2021	0.119%	20,000	0		
763	Bureau Direct	10/2019	09/2021	0.112%	20,000	0		
764	Bureau Direct	11/2019	09/2020	0.302%	7,000	0		
765	Bureau Direct	12/2019	09/2020	0.302%	13,000	0		
766	Bureau Direct	03/2020	09/2020	0.326%	30,000	0		
767	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000		
768	Bureau Direct	04/2020	09/2020	0.240%	18,000	0		
769	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000		
770	Bureau Direct	05/2020	09/2020	0.179%	15,000	0		
771	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000		
772	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000		
773	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000		
774	Bureau Direct	06/2020	09/2020	0.148%	30,000	0		
775	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000		
776	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000		
777	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000		
778	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000		
779	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000		
780	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000		
781	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000		
782	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000		
783	Bureau Direct	09/2020	09/2021	0.112%	51,000	0		
784	Bureau Direct	09/2020	09/2021	0.112%	30,000	0		
785	Bureau Direct	09/2020	09/2021	0.112%	5,000	0		
786	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000		
787	Bureau Direct	08/2022	09/2024	5.060%	18,000	3,000		
788	Bureau Direct	03/2023	09/2052	4.538%	12,000	12,000		
789	Bureau Direct	05/2023	11/2035	4.059%	7,000	7,000		
790	Bureau Direct	08/2023	08/2037	4.499%	8,000	8,000		
791	Bureau Direct	07/2024	09/2030	4.212%	7,000	7,000		
792	Bureau Direct	07/2024	09/2030	4.152%	8,000	8,000		
793	Conservation	01/2011	01/2023	4.046%	40,000	0		
794	Conservation	04/2011	04/2023	3.932%	35,000	0		
795	Conservation	08/2011	08/2023	3.206%	40,000	0		
796	Conservation	12/2011	12/2037	0.189%	55,000	0		
797	Conservation	08/2012	08/2024	2.788%	15,000	0		
798	Conservation	03/2013	03/2025	4.992%	10,000	0		
799	Conservation	04/2013	04/2025	4.553%	12,000	0		
800	Conservation	08/2013	08/2025	6.973%	5,000	0		

**TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
801	Conservation	10/2013	10/2025	3.568%	34,000	0		
802	Conservation	11/2013	09/2023	3.375%	27,000	0		
803	Conservation	12/2013	12/2021	3.142%	6,000	0		
804	Conservation	12/2013	12/2023	5.536%	55,000	0		
805	Conservation	01/2014	01/2026	3.621%	5,000	0		
806	Conservation	04/2014	09/2024	5.419%	30,000	30,000		
807	Conservation	05/2014	04/2024	0.230%	15,000	0		
808	Conservation	05/2014	04/2025	5.011%	3,000	0		
809	Conservation	06/2014	10/2024	5.011%	5,000	0		
810	Conservation	07/2014	07/2025	4.809%	12,000	0		
811	Conservation	08/2014	09/2025	4.886%	4,000	0		
812	Conservation	10/2014	12/2024	4.787%	10,000	0		
813	Conservation	11/2014	03/2027	1.896%	6,000	0		
814	Conservation	12/2014	12/2023	2.403%	7,000	0		
815	Conservation	01/2015	01/2024	1.908%	7,000	0		
816	Conservation	02/2015	02/2024	2.251%	8,000	0		
817	Conservation	03/2015	03/2025	2.295%	5,000	0		
818	Conservation	04/2015	04/2024	2.269%	5,000	0		
819	Conservation	05/2015	05/2021	1.898%	5,000	0		
820	Conservation	07/2015	07/2021	2.067%	14,000	0		
821	Conservation	08/2015	08/2022	2.233%	6,000	0		
822	Conservation	09/2015	09/2022	2.062%	4,000	0		
823	Conservation	10/2015	10/2027	5.011%	25,000	0		
824	Conservation	01/2018	09/2022	2.513%	9,000	0		
825	Conservation	01/2018	09/2022	2.513%	20,000	0		
826	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
827	Conservation	09/2022	09/2028	4.886%	5,000	0		
828	Conservation	12/2023	09/2024	5.399%	7,000	7,000		
829	Conservation	12/2023	09/2024	5.399%	55,000	55,000		
830	Conservation	04/2024	09/2024	5.454%	5,000	5,000		
831	Construction (AS)	10/1992	10/2032	8.350%	38	0		
832	Construction (AS)	07/1995	07/2025	7.700%	67	0		
833	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
834	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
835	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
836	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
837	Construction (AS)	05/2014	04/2020	1.681%	700	0		
838	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
839	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
840	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		
841	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
842	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
843	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
844	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
845	Construction (AS)	09/2018	12/2023	3.064%	4,200	0		
846	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
847	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
848	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
849	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
850	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
851	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
852	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
853	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
854	Construction (AS)	04/2020	09/2020	0.240%	700	0		
855	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
856	Construction (AS)	03/2023	09/2028	3.855%	2,000	2,000		
857	Construction (AS)	12/2023	09/2024	5.399%	4,200	4,200		
858	Corps	09/2015	09/2033	3.134%	4,000	0		
859	Corps	02/2016	02/2045	0.668%	3,000	0		
860	Corps	04/2016	04/2031	2.661%	53,000	19,393		
861	Corps	05/2016	05/2030	2.599%	15,000	15,000		
862	Corps	07/2016	07/2030	2.145%	25,000	25,000		
863	Corps	08/2018	02/2048	0.668%	7,000	0		
864	Corps	08/2018	03/2048	1.896%	24,000	0		
865	Corps	08/2018	05/2048	1.669%	21,000	0		
866	Corps	08/2018	06/2048	1.630%	24,000	0		
867	Corps	08/2018	07/2048	1.580%	32,000	0		
868	Corps	08/2018	10/2048	1.681%	27,000	0		
869	Corps	08/2018	11/2048	1.669%	25,000	0		
870	Corps	09/2018	01/2048	1.580%	2,000	0		
871	Corps	09/2018	03/2048	1.896%	54,200	0		
872	Corps	09/2018	07/2048	1.580%	64,000	0		
873	Corps	09/2018	08/2048	0.668%	17,000	0		
874	Corps	08/2019	08/2021	0.119%	21,000	0		
875	Corps	11/2019	07/2021	0.138%	34,000	0		
876	Corps	11/2019	09/2021	0.112%	40,000	0		
877	Corps	03/2020	09/2047	2.103%	24,000	24,000		
878	Corps	04/2020	04/2028	0.945%	27,000	27,000		
879	Corps	04/2020	04/2044	1.744%	40,000	40,000		
880	Corps	04/2020	04/2050	1.827%	50,000	50,000		

**TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
881	Corps	05/2020	05/2048	1.953%	21,000	21,000		
882	Corps	05/2020	11/2048	1.957%	25,000	25,000		
883	Corps	06/2020	06/2049	1.812%	24,000	24,000		
884	Corps	07/2020	01/2046	1.640%	2,000	2,000		
885	Corps	07/2020	07/2046	1.651%	32,000	32,000		
886	Corps	07/2020	07/2047	1.667%	64,000	64,000		
887	Corps	05/2021	05/2022	0.074%	45,000	0		
888	Corps	06/2021	06/2022	0.118%	30,000	0		
889	Corps	06/2021	06/2022	0.118%	20,000	0		
890	Corps	06/2021	06/2022	0.118%	17,000	0		
891	Corps	07/2021	07/2022	0.090%	28,000	0		
892	Corps	07/2021	07/2022	0.090%	24,000	0		
893	Corps	07/2021	07/2022	0.090%	15,000	0		
894	Corps	08/2021	08/2022	0.087%	29,000	0		
895	Corps	08/2021	08/2022	0.087%	22,000	0		
896	Corps	08/2021	08/2022	0.087%	16,000	0		
897	Corps	02/2022	02/2042	2.732%	37,000	37,000		
898	Corps	02/2022	02/2051	2.825%	35,000	35,000		
899	Corps	02/2022	02/2052	2.829%	34,000	34,000		
900	Corps	08/2022	09/2024	5.060%	18,300	18,300		
901	Corps	08/2022	08/2047	5.060%	13,700	13,700		
902	Corps	08/2022	08/2049	5.060%	33,000	33,000		
903	Corps	02/2023	02/2050	3.595%	21,000	21,000		
904	Corps	02/2023	02/2050	3.595%	19,000	19,000		
905	Corps	03/2023	03/2053	4.548%	13,000	13,000		
906	Corps	05/2023	11/2034	4.027%	13,000	13,000		
907	Corps	05/2023	05/2035	4.043%	22,000	22,000		
908	Corps	08/2023	02/2038	4.505%	30,000	30,000		
909	Corps	08/2023	08/2038	4.519%	27,000	27,000		
910	Corps	07/2024	09/2029	4.182%	8,000	8,000		
911	Corps	07/2024	09/2029	4.123%	7,000	7,000		
912	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	0		
913	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	0		
914	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
915	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		
916	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0		
917	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0		
918	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0		
919	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0		
920	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0		
921	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0		
922	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0		
923	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0		
924	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0		
925	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000		
926	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000		
927	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000		
928	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0		
929	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	0		
930	Fish and Wildlife	11/2013	05/2027	4.697%	5,000	0		
931	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000		
932	Fish and Wildlife	04/2014	02/2029	5.026%	7,000	0		
933	Fish and Wildlife	05/2014	04/2027	5.011%	11,000	0		
934	Fish and Wildlife	08/2014	07/2029	4.809%	5,000	0		
935	Fish and Wildlife	10/2014	01/2029	4.809%	15,000	0		
936	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0		
937	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0		
938	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000		
939	Fish and Wildlife	10/2015	02/2031	5.026%	4,000	0		
940	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0		

TABLE 12A
HISTORICAL INVESTMENTS
FY 2027
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
941	Fish and Wildlife	02/2016	02/2031	5.026%	4,000	0		
942	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0		
943	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0		
944	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0		
945	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0		
946	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0		
947	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000		
948	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0		
949	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000		
950	Fish and Wildlife	08/2022	09/2024	5.060%	29,000	29,000		
951	Fish and Wildlife	03/2023	09/2037	4.115%	13,000	13,000		
952	Fish and Wildlife	08/2023	02/2038	4.505%	4,000	4,000		
953	Fish and Wildlife	06/2024	09/2024	5.454%	20,000	20,000		
954	Fish and Wildlife	07/2024	09/2030	4.212%	6,000	6,000		
955	Fish and Wildlife	07/2024	09/2030	4.152%	4,000	4,000		
956	Technology (G)	01/2015	01/2021	1.469%	35,000	0		
957	Technology (G)	10/2015	07/2022	0.443%	6,000	0		
958	Technology (G)	08/2019	08/2021	0.119%	3,000	0		
959	Technology (G)	05/2023	05/2028	3.941%	5,000	5,000		
960	Technology (G)	07/2024	09/2028	4.190%	5,000	5,000		
961	Technology (G)	07/2024	09/2028	4.132%	5,000	5,000		
962	Totals:				\$15,142,377	\$2,724,993		

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2024	Albeni Falls	Historical	42	4.249%	2	-	-	2
2	2024	Boise	Historical		3.257%		-	-	
3	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2024	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
6	2024	Columbia River Fish Mitigation	Historical	976,876	3.193%	31,190	-	-	31,190
7	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2024	Dworshak	Historical	31	2.077%	1	-	-	1
10	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2024	Hills Creek	Historical	154	3.404%	5	-	-	5
12	2024	Hungry Horse Dam	Historical	4	3.375%		-	-	
13	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
14	2024	John Day	Historical	6,580	3.432%	226	-	-	226
15	2024	Libby	Historical	494	3.192%	16	-	-	16
16	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
17	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
18	2024	Lost Creek	Historical	7	3.748%		-	-	
19	2024	Lower Granite	Historical	26,975	2.541%	685	-	-	685
20	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
21	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
22	2024	McNary	Historical	3,052	3.287%	100	-	-	100
23	2024	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
24	2024	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
25	2024	The Dalles	Historical	489	3.174%	16	-	-	16
26	2024	Bureau Direct	Historical	539,500	3.217%	17,356	-	(1,526)	15,829
27	2024	Bureau Direct	New	15,000	-	-	-	115	115
28	2024	Conservation	Historical	36,000	4.677%	1,684	-	-	1,684
29	2024	Conservation	New	67,000	3.917%	2,624	-	-	2,624
30	2024	Construction (AS)	Historical	2,000	3.855%	77	-	-	77
31	2024	Construction (AS)	New	4,200	4.049%	170	-	-	170
32	2024	Corps	Historical	684,393	2.771%	18,961	-	(200)	18,762
33	2024	Corps	New	15,000	-	-	-	116	116
34	2024	Fish and Wildlife	Historical	193,000	3.721%	7,182	-	-	7,182
35	2024	Fish and Wildlife	New	30,000	0.909%	273	-	79	352
36	2024	Technology (G)	Historical	5,000	3.941%	197	-	-	197
37	2024	Technology (G)	New	10,000	-	-	-	77	77
38	2024	Float	Historical	-	-	(2,742)	-	-	(2,742)
39	FY 2024	Subtotal:		2,724,993		81,642	-	(1,337)	80,305
40	2025	Albeni Falls	Historical	42	4.249%	2	-	-	2
41	2025	Boise	Historical		3.257%		-	-	
42	2025	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
43	2025	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
44	2025	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
45	2025	Columbia River Fish Mitigation	Historical	990,321	3.209%	31,778	-	-	31,778
46	2025	Cougar	Historical	4,971	2.953%	147	-	-	147
47	2025	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
48	2025	Dworshak	Historical	31	2.077%	1	-	-	1
49	2025	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
50	2025	Hills Creek	Historical	154	3.404%	5	-	-	5
51	2025	Hungry Horse Dam	Historical	4	3.375%		-	-	
52	2025	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
53	2025	John Day	Historical	6,580	3.432%	226	-	-	226
54	2025	Libby	Historical	494	3.192%	16	-	-	16
55	2025	Little Goose	Historical	8,314	2.341%	195	-	-	195
56	2025	Lookout Dam	Historical	311	3.396%	11	-	-	11
57	2025	Lost Creek	Historical	7	3.748%		-	-	
58	2025	Lower Granite	Historical	26,975	2.541%	685	-	-	685
59	2025	Lower Monument	Historical	2,617	3.266%	85	-	-	85
60	2025	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
61	2025	McNary	Historical	3,052	3.287%	100	-	-	100
62	2025	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
63	2025	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
64	2025	The Dalles	Historical	489	3.174%	16	-	-	16
65	2025	Bureau Direct	Historical	380,000	2.414%	9,174	-	(697)	8,477
66	2025	Bureau Direct	New	34,700	2.348%	815	-	-	815
67	2025	Conservation	Historical	6,000	0.964%	58	-	-	58
68	2025	Construction (AS)	Historical	12,000	3.800%	456	-	-	456
69	2025	Construction (AS)	New	6,800	1.825%	124	-	-	124
70	2025	Corps	Historical	647,093	2.598%	16,809	-	(807)	16,002
71	2025	Corps	New	194,400	0.783%	1,522	-	2,282	3,804
72	2025	Fish and Wildlife	Historical	184,000	3.457%	6,360	-	(368)	5,992

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
73	2025 Fish and Wildlife	New	56,300	2.106%	1,186	-	-	1,186
74	2025 Technology (G)	Historical	15,000	4.608%	691	-	(143)	548
75	2025 Technology (G)	New	900	1.824%	16	-	-	16
76	2025 Float	Historical	-	-	(2,314)	-	-	(2,314)
77	FY 2025 Subtotal:		2,674,538		71,347	-	267	71,613
78	2026 Boise	Historical		3.257%		-	-	
79	2026 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
80	2026 Chief Joseph	Historical	42	3.281%	1	-	-	1
81	2026 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
82	2026 Columbia River Fish Mitigation	Historical	829,492	2.988%	24,782	-	-	24,782
83	2026 Cougar	Historical	4,791	2.901%	139	-	-	139
84	2026 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
85	2026 Dworshak	Historical	31	2.077%	1	-	-	1
86	2026 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
87	2026 Hills Creek	Historical	154	3.404%	5	-	-	5
88	2026 Hungry Horse Dam	Historical	4	3.375%		-	-	
89	2026 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
90	2026 John Day	Historical	6,224	3.386%	211	-	-	211
91	2026 Libby	Historical	454	3.099%	14	-	-	14
92	2026 Little Goose	Historical	8,284	2.335%	193	-	-	193
93	2026 Lookout Dam	Historical	311	3.396%	11	-	-	11
94	2026 Lost Creek	Historical	7	3.748%		-	-	
95	2026 Lower Granite	Historical	25,373	2.431%	617	-	-	617
96	2026 Lower Monument	Historical	2,617	3.266%	85	-	-	85
97	2026 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
98	2026 McNary	Historical	3,052	3.287%	100	-	-	100
99	2026 Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
100	2026 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
101	2026 The Dalles	Historical	489	3.174%	16	-	-	16
102	2026 Bureau Direct	Historical	337,700	2.126%	7,181	-	-	7,181
103	2026 Bureau Direct	New	37,500	1.673%	627	-	-	627
104	2026 Conservation	Historical	6,000	0.964%	58	-	-	58
105	2026 Construction (AS)	Historical	18,800	3.745%	704	-	-	704
106	2026 Construction (AS)	New	10,400	1.673%	174	-	-	174
107	2026 Corps	Historical	738,793	2.877%	21,257	-	(78)	21,179
108	2026 Corps	New	248,900	1.394%	3,470	-	-	3,470
109	2026 Fish and Wildlife	Historical	185,378	3.561%	6,600	-	(399)	6,202
110	2026 Fish and Wildlife	New	37,900	1.673%	634	-	-	634
111	2026 Technology (G)	Historical	10,900	4.119%	449	-	-	449
112	2026 Technology (G)	New	1,400	1.599%	22	-	-	22
113	2026 Float	Historical	-	-	(1,906)	-	-	(1,906)
114	FY 2026 Subtotal:		2,577,289		67,288	-	(477)	66,811
115	2027 Boise	Historical		3.257%		-	-	
116	2027 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
117	2027 Chief Joseph	Historical	42	3.281%	1	-	-	1
118	2027 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
119	2027 Columbia River Fish Mitigation	Historical	881,016	3.031%	26,707	-	-	26,707
120	2027 Cougar	Historical	4,791	2.901%	139	-	-	139
121	2027 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
122	2027 Dworshak	Historical	31	2.077%	1	-	-	1
123	2027 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
124	2027 Hills Creek	Historical	154	3.404%	5	-	-	5
125	2027 Hungry Horse Dam	Historical	4	3.375%		-	-	
126	2027 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
127	2027 John Day	Historical	6,224	3.386%	211	-	-	211
128	2027 Libby	Historical	454	3.099%	14	-	-	14
129	2027 Little Goose	Historical	8,284	2.335%	193	-	-	193
130	2027 Lookout Dam	Historical	311	3.396%	11	-	-	11
131	2027 Lost Creek	Historical	7	3.748%		-	-	
132	2027 Lower Granite	Historical	25,373	2.431%	617	-	-	617
133	2027 Lower Monument	Historical	2,617	3.266%	85	-	-	85
134	2027 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
135	2027 McNary	Historical	3,052	3.287%	100	-	-	100
136	2027 Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
137	2027 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
138	2027 The Dalles	Historical	489	3.174%	16	-	-	16
139	2027 Bureau Direct	Historical	315,700	1.861%	5,876	-	-	5,876
140	2027 Bureau Direct	New	50,800	2.091%	1,062	-	-	1,062
141	2027 Construction (AS)	Historical	18,800	3.745%	704	-	-	704
142	2027 Construction (AS)	New	9,800	1.544%	151	-	-	151
143	2027 Corps	Historical	703,793	2.729%	19,204	-	(2,282)	16,922
144	2027 Corps	New	235,500	1.125%	2,649	-	336	2,985

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
145	2027	Fish and Wildlife	Historical	146,078	3.513%	5,131	-	-	5,131
146	2027	Fish and Wildlife	New	67,000	1.831%	1,226	-	-	1,226
147	2027	Technology (G)	Historical	12,300	4.014%	494	-	-	494
148	2027	Technology (G)	New	1,400	1.544%	22	-	-	22
149	2027	Float	Historical	-	-	(1,823)	-	-	(1,823)
150	FY 2027	Subtotal:		2,556,313		64,638	-	(1,946)	62,692
151	2028	Boise	Historical		3.257%		-	-	
152	2028	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
153	2028	Chief Joseph	Historical	42	3.281%	1	-	-	1
154	2028	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
155	2028	Columbia River Fish Mitigation	Historical	885,720	3.034%	26,876	-	-	26,876
156	2028	Cougar	Historical	4,791	2.901%	139	-	-	139
157	2028	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
158	2028	Dworshak	Historical	31	2.077%	1	-	-	1
159	2028	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
160	2028	Hills Creek	Historical	154	3.404%	5	-	-	5
161	2028	Hungry Horse Dam	Historical	4	3.375%		-	-	
162	2028	Ice Harbor	Historical	5,296	3.289%	174	-	-	174
163	2028	John Day	Historical	6,224	3.386%	211	-	-	211
164	2028	Libby	Historical	454	3.099%	14	-	-	14
165	2028	Little Goose	Historical	8,284	2.335%	193	-	-	193
166	2028	Lookout Dam	Historical	311	3.396%	11	-	-	11
167	2028	Lost Creek	Historical	7	3.748%		-	-	
168	2028	Lower Granite	Historical	25,373	2.431%	617	-	-	617
169	2028	Lower Monument	Historical	2,617	3.266%	85	-	-	85
170	2028	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
171	2028	McNary	Historical	3,052	3.287%	100	-	-	100
172	2028	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
173	2028	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
174	2028	The Dalles	Historical	489	3.174%	16	-	-	16
175	2028	Bureau Direct	Historical	331,800	2.115%	7,019	-	-	7,019
176	2028	Construction (AS)	Historical	28,600	2.618%	749	-	-	749
177	2028	Corps	Historical	533,393	2.304%	12,289	-	(27)	12,261
178	2028	Fish and Wildlife	Historical	212,678	2.798%	5,951	-	-	5,951
179	2028	Replacements	New	252,830	2.036%	5,149	-	-	5,149
180	2028	Technology (G)	Historical	13,700	3.799%	521	-	-	521
181	2028	Float	Historical	-	-	(1,805)	-	-	(1,805)
182	FY 2028	Subtotal:		2,372,846		59,982	-	(27)	59,955
183	2029	Boise	Historical		3.257%		-	-	
184	2029	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
185	2029	Chief Joseph	Historical	38	3.237%	1	-	-	1
186	2029	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
187	2029	Columbia River Fish Mitigation	Historical	605,794	2.674%	16,201	-	-	16,201
188	2029	Cougar	Historical	4,498	2.846%	128	-	-	128
189	2029	Detroit Lake/Big Cliff	Historical	560	2.883%	16	-	-	16
190	2029	Dworshak	Historical	31	2.077%	1	-	-	1
191	2029	Green Peter/Foster	Historical	177	3.160%	6	-	-	6
192	2029	Hills Creek	Historical	142	3.375%	5	-	-	5
193	2029	Hungry Horse Dam	Historical	4	3.375%		-	-	
194	2029	Ice Harbor	Historical	4,478	3.204%	143	-	-	143
195	2029	John Day	Historical	6,050	3.375%	204	-	-	204
196	2029	Libby	Historical	302	2.772%	8	-	-	8
197	2029	Little Goose	Historical	8,284	2.335%	193	-	-	193
198	2029	Lookout Dam	Historical	294	3.375%	10	-	-	10
199	2029	Lower Granite	Historical	22,720	2.262%	514	-	-	514
200	2029	Lower Monument	Historical	1,187	2.532%	30	-	-	30
201	2029	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
202	2029	McNary	Historical	1,729	2.879%	50	-	-	50
203	2029	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
204	2029	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
205	2029	The Dalles	Historical	489	3.174%	16	-	-	16
206	2029	Bureau Direct	Historical	323,800	1.788%	5,791	-	-	5,791
207	2029	Construction (AS)	Historical	12,852	2.787%	358	-	-	358
208	2029	Corps	Historical	511,393	2.189%	11,192	-	(458)	10,734
209	2029	Fish and Wildlife	Historical	134,078	2.007%	2,690	-	(339)	2,351
210	2029	Replacements	Historical	252,830	4.073%	10,297	-	-	10,297
211	2029	Replacements	New	252,830	2.036%	5,149	-	-	5,149
212	2029	Technology (G)	Historical	2,800	3.143%	88	-	-	88
213	2029	Float	Historical	-	-	(1,502)	-	-	(1,502)
214	FY 2029	Subtotal:		2,191,823		52,793	-	(797)	51,995
215	2030	Boise	Historical		1.629%		-	-	
216	2030	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34

TABLE 12B
INTEREST CALCULATION
FY 2027
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	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
217	2030	Chief Joseph	Historical	10	2.876%		-	-	
218	2030	Columbia Basin	Historical	23,392	2.294%	537	-	-	537
219	2030	Columbia River Fish Mitigation	Historical	472,823	2.481%	11,731	-	-	11,731
220	2030	Cougar	Historical	4,359	2.829%	123	-	-	123
221	2030	Detroit Lake/Big Cliff	Historical	560	2.878%	16	-	-	16
222	2030	Dworshak	Historical	31	2.077%	1	-	-	1
223	2030	Green Peter/Foster	Historical	80	2.818%	2	-	-	2
224	2030	Ice Harbor	Historical	1,188	3.066%	36	-	-	36
225	2030	Libby	Historical	287	2.739%	8	-	-	8
226	2030	Little Goose	Historical	8,284	2.335%	193	-	-	193
227	2030	Lower Granite	Historical	21,123	2.188%	462	-	-	462
228	2030	Lower Monument	Historical	1,098	2.463%	27	-	-	27
229	2030	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
230	2030	McNary	Historical	1,717	2.875%	49	-	-	49
231	2030	Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
232	2030	RRP - Green Springs	Historical	1,100	3.123%	34	-	-	34
233	2030	The Dalles	Historical	187	3.052%	6	-	-	6
234	2030	Bureau Direct	Historical	273,000	1.732%	4,729	-	(42)	4,686
235	2030	Construction (AS)	Historical	9,800	1.544%	151	-	-	151
236	2030	Corps	Historical	447,393	2.117%	9,473	-	(219)	9,254
237	2030	Fish and Wildlife	Historical	46,000	2.183%	1,004	-	-	1,004
238	2030	Replacements	Historical	505,660	4.073%	20,595	-	-	20,595
239	2030	Replacements	New	252,830	2.036%	5,149	-	-	5,149
240	2030	Technology (G)	Historical	2,800	1.571%	44	-	-	44
241	2030	Float	Historical	-	-	(1,208)	-	-	(1,208)
242	FY 2030	Subtotal:		2,078,133		53,289	-	(262)	53,028
243	2031	Bonneville Dam	Historical	268	2.875%	8	-	-	8
244	2031	Chief Joseph	Historical	10	2.876%		-	-	
245	2031	Columbia Basin	Historical	16,093	1.965%	316	-	-	316
246	2031	Columbia River Fish Mitigation	Historical	271,661	2.073%	5,632	-	-	5,632
247	2031	Cougar	Historical	4,357	2.829%	123	-	-	123
248	2031	Dworshak	Historical	31	2.077%	1	-	-	1
249	2031	Green Peter/Foster	Historical	1	2.156%		-	-	
250	2031	Libby	Historical	287	2.739%	8	-	-	8
251	2031	Little Goose	Historical	8,218	2.330%	191	-	-	191
252	2031	Lower Granite	Historical	19,245	2.109%	406	-	-	406
253	2031	Lower Monument	Historical	942	2.375%	22	-	-	22
254	2031	Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
255	2031	McNary	Historical	239	2.375%	6	-	-	6
256	2031	Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
257	2031	RRP - Green Springs	Historical	1	1.934%		-	-	
258	2031	The Dalles	Historical	25	2.600%	1	-	-	1
259	2031	Bureau Direct	Historical	261,000	1.664%	4,344	-	(209)	4,135
260	2031	Corps	Historical	407,393	1.735%	7,067	-	(464)	6,602
261	2031	Fish and Wildlife	Historical	38,000	2.237%	850	-	(17)	833
262	2031	Replacements	Historical	758,490	4.073%	30,892	-	-	30,892
263	2031	Replacements	New	252,830	2.036%	5,149	-	-	5,149
264	2031	Float	Historical	-	-	(972)	-	-	(972)
265	FY 2031	Subtotal:		2,041,140		54,098	-	(691)	53,407
266	2032	Columbia Basin	Historical	16,093	1.961%	316	-	-	316
267	2032	Columbia River Fish Mitigation	Historical	220,034	1.607%	3,535	-	-	3,535
268	2032	Cougar	Historical	269	1.072%	3	-	-	3
269	2032	Dworshak	Historical	31	2.077%	1	-	-	1
270	2032	Green Peter/Foster	Historical	1	2.156%		-	-	
271	2032	Libby	Historical	5	2.109%		-	-	
272	2032	Little Goose	Historical	5,511	2.124%	117	-	-	117
273	2032	Lower Granite	Historical	19,245	2.109%	406	-	-	406
274	2032	Lower Monument	Historical	942	2.375%	22	-	-	22
275	2032	Lower Snake Fish and Wildlife	Historical	295	1.062%	3	-	-	3
276	2032	McNary	Historical	239	2.375%	6	-	-	6
277	2032	RRP - Green Springs	Historical	1	1.934%		-	-	
278	2032	The Dalles	Historical	10	2.371%		-	-	
279	2032	Bureau Direct	Historical	235,000	1.602%	3,765	-	(103)	3,662
280	2032	Corps	Historical	282,000	1.801%	5,078	-	-	5,078
281	2032	Fish and Wildlife	Historical	29,802	1.251%	373	-	(63)	309
282	2032	Replacements	Historical	1,011,319	4.073%	41,189	-	-	41,189
283	2032	Replacements	New	252,830	2.036%	5,149	-	-	5,149
284	2032	Float	Historical	-	-	(790)	-	-	(790)
285	FY 2032	Subtotal:		2,073,627		59,173	-	(167)	59,006
286	2033	Columbia Basin	Historical	13,165	1.875%	247	-	-	247
287	2033	Columbia River Fish Mitigation	Historical	100,727	1.325%	1,334	-	-	1,334
288	2033	Dworshak	Historical	31	1.083%		-	-	

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
289	2033 Green Peter/Foster	Historical	1	1.078%		-	-	
290	2033 Libby	Historical	5	1.055%		-	-	
291	2033 Little Goose	Historical	5,511	1.063%	59	-	-	59
292	2033 Lower Granite	Historical	19,245	1.069%	206	-	-	206
293	2033 RRP - Green Springs	Historical	1	1.934%		-	-	
294	2033 Bureau Direct	Historical	209,000	1.524%	3,186	-	(235)	2,950
295	2033 Corps	Historical	282,000	1.711%	4,826	-	(97)	4,729
296	2033 Replacements	Historical	1,264,149	4.073%	51,486	-	-	51,486
297	2033 Replacements	New	252,830	2.036%	5,149	-	-	5,149
298	2033 Float	Historical	-	-	(687)	-	-	(687)
299	FY 2033 Subtotal:		2,146,665		65,805	-	(332)	65,473
300	2034 Columbia Basin	Historical	13,165	0.938%	123	-	-	123
301	2034 Columbia River Fish Mitigation	Historical	81,994	1.367%	1,121	-	-	1,121
302	2034 Dworshak	Historical	2	1.413%		-	-	
303	2034 Little Goose	Historical	7	1.369%		-	-	
304	2034 Lower Granite	Historical	423	1.375%	6	-	-	6
305	2034 RRP - Green Springs	Historical	1	0.967%		-	-	
306	2034 Bureau Direct	Historical	145,000	1.532%	2,221	-	(439)	1,782
307	2034 Corps	Historical	243,275	1.672%	4,068	-	(693)	3,375
308	2034 Replacements	Historical	1,516,979	4.073%	61,784	-	-	61,784
309	2034 Replacements	New	252,830	2.036%	5,149	-	-	5,149
310	2034 Float	Historical	-	-	(857)	-	-	(857)
311	FY 2034 Subtotal:		2,253,677		73,614	-	(1,132)	72,482
312	2035 Columbia River Fish Mitigation	Historical	80,420	1.375%	1,106	-	-	1,106
313	2035 Dworshak	Historical	2	1.413%		-	-	
314	2035 Little Goose	Historical	7	1.369%		-	-	
315	2035 Lower Granite	Historical	423	1.375%	6	-	-	6
316	2035 Bureau Direct	Historical	71,553	1.090%	780	-	(161)	618
317	2035 Corps	Historical	138,000	1.095%	1,512	-	(558)	953
318	2035 Replacements	Historical	1,769,809	4.073%	72,081	-	-	72,081
319	2035 Replacements	New	252,830	2.036%	5,149	-	-	5,149
320	2035 Float	Historical	-	-	(873)	-	-	(873)
321	FY 2035 Subtotal:		2,313,045		79,760	-	(720)	79,040
322	2036 Columbia River Fish Mitigation	Historical	80,420	0.687%	553	-	-	553
323	2036 Dworshak	Historical	2	0.707%		-	-	
324	2036 Little Goose	Historical	7	0.685%		-	-	
325	2036 Lower Granite	Historical	423	0.687%	3	-	-	3
326	2036 Bureau Direct	Historical	21,980	0.728%	160	-	(53)	107
327	2036 Replacements	Historical	2,022,639	4.008%	81,065	-	-	81,065
328	2036 Replacements	New	252,830	2.036%	5,149	-	-	5,149
329	2036 Float	Historical	-	-	(890)	-	-	(890)
330	FY 2036 Subtotal:		2,378,301		86,040	-	(53)	85,987
331	2037 Replacements	Historical	2,210,989	3.904%	86,311	-	-	86,311
332	2037 Replacements	New	252,830	2.036%	5,149	-	-	5,149
333	2037 Float	Historical	-	-	(907)	-	-	(907)
334	FY 2037 Subtotal:		2,463,819		90,553	-	-	90,553
335	2038 Replacements	Historical	2,280,267	3.890%	88,708	-	-	88,708
336	2038 Replacements	New	252,830	2.036%	5,149	-	-	5,149
337	2038 Float	Historical	-	-	(928)	-	-	(928)
338	FY 2038 Subtotal:		2,533,097		92,929	-	-	92,929
339	2039 Replacements	Historical	2,328,696	3.902%	90,870	-	-	90,870
340	2039 Replacements	New	252,830	2.036%	5,149	-	-	5,149
341	2039 Float	Historical	-	-	(950)	-	-	(950)
342	FY 2039 Subtotal:		2,581,526		95,068	-	-	95,068
343	2040 Replacements	Historical	2,386,406	3.891%	92,850	-	-	92,850
344	2040 Replacements	New	252,830	2.036%	5,149	-	-	5,149
345	2040 Float	Historical	-	-	(968)	-	-	(968)
346	FY 2040 Subtotal:		2,639,236		97,030	-	-	97,030
347	2041 Replacements	Historical	2,425,924	3.953%	95,890	-	-	95,890
348	2041 Replacements	New	252,830	2.036%	5,149	-	-	5,149
349	2041 Float	Historical	-	-	(989)	-	-	(989)
350	FY 2041 Subtotal:		2,678,754		100,049	-	-	100,049
351	2042 Replacements	Historical	2,535,708	3.897%	98,816	-	-	98,816
352	2042 Replacements	New	252,830	2.036%	5,149	-	-	5,149
353	2042 Float	Historical	-	-	(1,000)	-	-	(1,000)
354	FY 2042 Subtotal:		2,788,538		102,965	-	-	102,965
355	2043 Replacements	Historical	2,569,605	3.816%	98,049	-	-	98,049
356	2043 Replacements	New	252,830	2.036%	5,149	-	-	5,149
357	2043 Float	Historical	-	-	(1,383)	-	-	(1,383)
358	FY 2043 Subtotal:		2,822,435		101,815	-	-	101,815
359	2044 Replacements	Historical	2,498,062	3.640%	90,923	-	-	90,923
360	2044 Replacements	New	252,830	2.036%	5,149	-	-	5,149

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
361	2044 Float	Historical	-	-	(2,125)	-	-	(2,125)
362	FY 2044 Subtotal:		2,750,892		93,947	-	-	93,947
363	2045 Replacements	Historical	2,219,681	3.877%	86,066	-	-	86,066
364	2045 Replacements	New	252,830	2.036%	5,149	-	-	5,149
365	2045 Float	Historical	-	-	(1,000)	-	-	(1,000)
366	FY 2045 Subtotal:		2,472,511		90,215	-	-	90,215
367	2046 Replacements	Historical	2,259,548	3.871%	87,468	-	-	87,468
368	2046 Replacements	New	252,830	2.036%	5,149	-	-	5,149
369	2046 Float	Historical	-	-	(997)	-	-	(997)
370	FY 2046 Subtotal:		2,512,378		91,619	-	-	91,619
371	2047 Replacements	Historical	2,288,498	3.875%	88,671	-	-	88,671
372	2047 Replacements	New	252,830	2.036%	5,149	-	-	5,149
373	2047 Float	Historical	-	-	(995)	-	-	(995)
374	FY 2047 Subtotal:		2,541,328		92,825	-	-	92,825
375	2048 Replacements	Historical	2,318,655	3.878%	89,925	-	-	89,925
376	2048 Replacements	New	252,830	2.036%	5,149	-	-	5,149
377	2048 Float	Historical	-	-	(993)	-	-	(993)
378	FY 2048 Subtotal:		2,571,485		94,081	-	-	94,081
379	2049 Replacements	Historical	2,350,067	3.882%	91,231	-	-	91,231
380	2049 Replacements	New	252,830	2.036%	5,149	-	-	5,149
381	2049 Float	Historical	-	-	(990)	-	-	(990)
382	FY 2049 Subtotal:		2,602,897		95,390	-	-	95,390
383	2050 Replacements	Historical	2,382,788	3.886%	92,592	-	-	92,592
384	2050 Replacements	New	252,830	2.036%	5,149	-	-	5,149
385	2050 Float	Historical	-	-	(988)	-	-	(988)
386	FY 2050 Subtotal:		2,635,618		96,752	-	-	96,752
387	2051 Replacements	Historical	2,416,871	3.890%	94,009	-	-	94,009
388	2051 Replacements	New	252,830	2.036%	5,149	-	-	5,149
389	2051 Float	Historical	-	-	(985)	-	-	(985)
390	FY 2051 Subtotal:		2,669,701		98,172	-	-	98,172
391	2052 Replacements	Historical	2,452,373	3.894%	95,485	-	-	95,485
392	2052 Replacements	New	252,830	2.036%	5,149	-	-	5,149
393	2052 Float	Historical	-	-	(983)	-	-	(983)
394	FY 2052 Subtotal:		2,705,203		99,651	-	-	99,651
395	2053 Replacements	Historical	2,489,354	3.897%	97,022	-	-	97,022
396	2053 Replacements	New	252,830	2.036%	5,149	-	-	5,149
397	2053 Float	Historical	-	-	(980)	-	-	(980)
398	FY 2053 Subtotal:		2,742,184		101,191	-	-	101,191
399	2054 Replacements	Historical	2,527,876	3.901%	98,624	-	-	98,624
400	2054 Replacements	New	252,830	2.036%	5,149	-	-	5,149
401	2054 Float	Historical	-	-	(977)	-	-	(977)
402	FY 2054 Subtotal:		2,780,706		102,796	-	-	102,796
403	2055 Replacements	Historical	2,568,003	3.905%	100,292	-	-	100,292
404	2055 Replacements	New	252,830	2.036%	5,149	-	-	5,149
405	2055 Float	Historical	-	-	(974)	-	-	(974)
406	FY 2055 Subtotal:		2,820,832		104,467	-	-	104,467
407	2056 Replacements	Historical	2,609,801	3.909%	102,030	-	-	102,030
408	2056 Replacements	New	252,830	2.036%	5,149	-	-	5,149
409	2056 Float	Historical	-	-	(971)	-	-	(971)
410	FY 2056 Subtotal:		2,862,631		106,208	-	-	106,208
411	2057 Replacements	Historical	2,653,338	3.914%	103,840	-	-	103,840
412	2057 Replacements	New	252,830	2.036%	5,149	-	-	5,149
413	2057 Float	Historical	-	-	(967)	-	-	(967)
414	FY 2057 Subtotal:		2,906,168		108,021	-	-	108,021
415	2058 Replacements	Historical	2,698,688	3.918%	105,726	-	-	105,726
416	2058 Replacements	New	252,830	2.036%	5,149	-	-	5,149
417	2058 Float	Historical	-	-	(964)	-	-	(964)
418	FY 2058 Subtotal:		2,951,518		109,910	-	-	109,910
419	2059 Replacements	Historical	2,745,928	3.922%	107,690	-	-	107,690
420	2059 Replacements	New	252,830	2.036%	5,149	-	-	5,149
421	2059 Float	Historical	-	-	(960)	-	-	(960)
422	FY 2059 Subtotal:		2,998,758		111,878	-	-	111,878
423	2060 Replacements	Historical	2,795,139	3.926%	109,736	-	-	109,736
424	2060 Replacements	New	252,830	2.036%	5,149	-	-	5,149
425	2060 Float	Historical	-	-	(957)	-	-	(957)
426	FY 2060 Subtotal:		3,047,969		113,928	-	-	113,928
427	2061 Replacements	Historical	2,846,399	3.930%	111,867	-	-	111,867
428	2061 Replacements	New	252,830	2.036%	5,149	-	-	5,149
429	2061 Float	Historical	-	-	(953)	-	-	(953)
430	FY 2061 Subtotal:		3,099,229		116,063	-	-	116,063
431	2062 Replacements	Historical	2,899,794	3.934%	114,087	-	-	114,087
432	2062 Replacements	New	252,830	2.036%	5,149	-	-	5,149

TABLE 12B
INTEREST CALCULATION
FY 2027
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
433	2062	Float	Historical	-	-	(949)	-	-	(949)
434	FY 2062	Subtotal:		3,152,624		118,287	-	-	118,287
435	2063	Replacements	Historical	2,955,411	3.939%	116,399	-	-	116,399
436	2063	Replacements	New	252,830	2.036%	5,149	-	-	5,149
437	2063	Float	Historical	-	-	(945)	-	-	(945)
438	FY 2063	Subtotal:		3,208,241		120,603	-	-	120,603
439	2064	Replacements	Historical	3,013,345	3.943%	118,808	-	-	118,808
440	2064	Replacements	New	252,830	2.036%	5,149	-	-	5,149
441	2064	Float	Historical	-	-	(940)	-	-	(940)
442	FY 2064	Subtotal:		3,266,175		123,016	-	-	123,016
443	2065	Replacements	Historical	3,073,693	3.947%	121,317	-	-	121,317
444	2065	Replacements	New	252,830	2.036%	5,149	-	-	5,149
445	2065	Float	Historical	-	-	(936)	-	-	(936)
446	FY 2065	Subtotal:		3,326,523		125,530	-	-	125,530
447	2066	Replacements	Historical	3,136,553	3.951%	123,930	-	-	123,930
448	2066	Replacements	New	252,830	2.036%	5,149	-	-	5,149
449	2066	Float	Historical	-	-	(931)	-	-	(931)
450	FY 2066	Subtotal:		3,389,383		128,148	-	-	128,148
451	2067	Replacements	Historical	3,202,031	3.955%	126,653	-	-	126,653
452	2067	Replacements	New	252,830	2.036%	5,149	-	-	5,149
453	2067	Float	Historical	-	-	(926)	-	-	(926)
454	FY 2067	Subtotal:		3,454,861		130,875	-	-	130,875
455	2068	Replacements	Historical	3,270,238	3.960%	129,488	-	-	129,488
456	2068	Replacements	New	252,830	2.036%	5,149	-	-	5,149
457	2068	Float	Historical	-	-	(921)	-	-	(921)
458	FY 2068	Subtotal:		3,523,068		133,716	-	-	133,716
459	2069	Replacements	Historical	3,341,283	3.964%	132,442	-	-	132,442
460	2069	Replacements	New	252,830	2.036%	5,149	-	-	5,149
461	2069	Float	Historical	-	-	(916)	-	-	(916)
462	FY 2069	Subtotal:		3,594,113		136,675	-	-	136,675
463	2070	Replacements	Historical	3,415,288	3.968%	135,519	-	-	135,519
464	2070	Replacements	New	252,830	2.036%	5,149	-	-	5,149
465	2070	Float	Historical	-	-	(910)	-	-	(910)
466	FY 2070	Subtotal:		3,668,118		139,758	-	-	139,758
467	2071	Replacements	Historical	3,492,376	3.972%	138,724	-	-	138,724
468	2071	Replacements	New	252,830	2.036%	5,149	-	-	5,149
469	2071	Float	Historical	-	-	(904)	-	-	(904)
470	FY 2071	Subtotal:		3,745,205		142,968	-	-	142,968
471	2072	Replacements	Historical	3,572,674	3.976%	142,063	-	-	142,063
472	2072	Replacements	New	252,830	2.036%	5,149	-	-	5,149
473	2072	Float	Historical	-	-	(898)	-	-	(898)
474	FY 2072	Subtotal:		3,825,504		146,313	-	-	146,313
475	2073	Replacements	Historical	3,656,320	3.981%	145,540	-	-	145,540
476	2073	Replacements	New	252,830	2.036%	5,149	-	-	5,149
477	2073	Float	Historical	-	-	(892)	-	-	(892)
478	FY 2073	Subtotal:		3,909,150		149,797	-	-	149,797
479	2074	Replacements	Historical	3,743,448	3.985%	149,163	-	-	149,163
480	2074	Replacements	New	252,830	2.036%	5,149	-	-	5,149
481	2074	Float	Historical	-	-	(885)	-	-	(885)
482	FY 2074	Subtotal:		3,996,278		153,426	-	-	153,426
483	2075	Replacements	Historical	3,834,205	3.989%	152,936	-	-	152,936
484	2075	Replacements	New	252,830	2.036%	5,149	-	-	5,149
485	2075	Float	Historical	-	-	(878)	-	-	(878)
486	FY 2075	Subtotal:		4,087,035		157,206	-	-	157,206
487	2076	Replacements	Historical	3,928,744	3.993%	156,867	-	-	156,867
488	2076	Replacements	New	252,830	2.036%	5,149	-	-	5,149
489	2076	Float	Historical	-	-	(871)	-	-	(871)
490	FY 2076	Subtotal:		4,181,574		161,144	-	-	161,144
491	2077	Replacements	Historical	4,027,218	3.997%	160,961	-	-	160,961
492	2077	Replacements	New	252,830	2.036%	5,149	-	-	5,149
493	2077	Float	Historical	-	-	(864)	-	-	(864)
494	FY 2077	Subtotal:		4,280,048		165,245	-	-	165,245
495	Grand			157,169,702		5,609,698	-	(7,674)	5,602,023

TABLE 12C
APPLICATION OF AMORTIZATION
FY 2025
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2024	Conservation	-	4/30/2024	9/30/2024	5,000	5,000	5.454%	5.454%					5,000		
2	2024	Construction (AS)	-	12/31/2023	9/30/2024	4,200	4,200	5.399%	5.399%					4,200		
3	2024	Conservation	-	12/31/2023	9/30/2024	7,000	7,000	5.399%	5.399%					7,000		
4	2024	Conservation	-	12/31/2023	9/30/2024	55,000	55,000	5.399%	5.399%					55,000		
5	2024	Fish and Wildlife	-	6/30/2024	9/30/2024	20,000	20,000	5.454%	5.454%					20,000		
6	2024	Bureau Direct	-	2/27/2012	9/30/2024	55,000	16,500	5.060%	5.060%					16,500		
7	2024	Conservation	-	4/30/2014	9/30/2024	30,000	30,000	5.419%	5.419%					30,000		
8	2024	Bureau Direct	-	8/31/2022	9/30/2024	18,000	3,000	5.060%	5.060%					3,000		
9	2024	Fish and Wildlife	-	8/31/2022	9/30/2024	29,000	29,000	5.060%	5.060%					29,000		
10	2024	Corps	-	8/31/2022	9/30/2024	18,300	18,300	5.060%	5.060%					18,300		
11	2024	Bureau Direct	-	6/22/2011	6/30/2036	30,000	30,000	4.629%	4.629%					30,000		
12	2024	Bureau Direct	-	6/22/2011	6/30/2038	30,000	30,000	4.700%	4.700%					30,000		
13	2024	Bureau Direct	-	1/31/2011	1/31/2039	35,000	35,000	5.040%	5.040%					35,000		
14	2024	Bureau Direct	-	6/30/2009	6/30/2039	25,000	25,000	5.192%	5.192%					25,000		
15	2024	Bureau Direct	-	2/28/2011	2/28/2040	50,000	50,000	4.995%	4.995%					50,000		
16	2024	Corps	-	8/31/2022	8/31/2047	13,700	13,700	5.060%	5.060%					13,700		
17	2024	Corps	-	8/31/2022	8/31/2049	33,000	33,000	5.060%	5.060%					33,000		
18	2024	Corps	-	3/31/2023	3/31/2053	13,000	13,000	4.548%	4.548%					2,300		
19		FY 2024 Subtotal:	-	-	-	471,200	417,700	-						407,000		
20	2025	Fish and Wildlife	-	2/28/2011	2/28/2026	15,000	15,000	4.398%	4.398%					15,000		
21	2025	Fish and Wildlife	-	6/22/2011	6/30/2026	15,000	15,000	4.205%	4.205%					15,000		
22	2025	Technology (G)	-	5/31/2023	5/31/2028	5,000	5,000	3.941%	3.941%					5,000		
23	2025	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	22,000	3.880%	3.880%					922		
24	2025	Fish and Wildlife	-	1/31/2014	1/31/2029	7,000	7,000	3.896%	3.896%					7,000		
25	2025	Bureau Direct	-	10/31/2010	10/31/2034	20,000	20,000	4.211%	4.211%					20,000		
26	2025	Corps	-	5/31/2023	11/30/2034	13,000	13,000	4.027%	4.027%					13,000		
27	2025	Corps	-	5/31/2023	5/31/2035	22,000	22,000	4.043%	4.043%					22,000		
28	2025	Bureau Direct	-	5/31/2023	11/30/2035	7,000	7,000	4.059%	4.059%					7,000		
29	2025	Bureau Direct	-	8/31/2023	8/31/2037	8,000	8,000	4.499%	4.499%					8,000		
30	2025	Bureau Direct	-	8/12/2011	8/31/2037	30,000	30,000	4.208%	4.208%					30,000		
31	2025	Fish and Wildlife	-	3/31/2023	9/30/2037	13,000	13,000	4.115%	4.115%					13,000		
32	2025	Corps	-	8/31/2023	2/28/2038	30,000	30,000	4.505%	4.505%					30,000		
33	2025	Fish and Wildlife	-	8/31/2023	2/28/2038	4,000	4,000	4.505%	4.505%					4,000		
34	2025	Corps	-	8/31/2023	8/31/2038	27,000	27,000	4.519%	4.519%					27,000		
35	2025	Bureau Direct	-	3/31/2023	9/30/2052	12,000	12,000	4.538%	4.538%					12,000		
36	2025	Corps	-	3/31/2023	3/31/2053	13,000	10,700	4.548%	4.548%					10,700		
37	2025	Bonneville Dam	Corps of Engineers	9/30/2009	9/30/2059	2,744	2,744	4.375%	4.375%					2,744		
38	2025	Chief Joseph	Corps of Engineers	9/30/2009	9/30/2059	24,727	24,727	4.375%	4.375%					24,727		
39	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	103,203	4.375%	4.375%					103,203		
40	2025	Cougar	Corps of Engineers	9/30/2009	9/30/2059	121	121	4.375%	4.375%					121		
41	2025	Lower Granite	Corps of Engineers	9/30/2009	9/30/2059	5,669	446	4.375%	4.375%					446		
42	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2009	9/30/2059	1,540	1,540	4.375%	4.375%					1,540		
43	2025	Little Goose	Corps of Engineers	9/30/2010	9/30/2060	30	30	4.250%	4.250%					30		
44	2025	Lower Granite	Corps of Engineers	9/30/2010	9/30/2060	1,156	1,156	4.250%	4.250%					1,156		
45	2025	Albeni Falls	Corps of Engineers	9/30/2010	9/30/2060	42	42	4.250%	4.250%					42		
46	2025	Bonneville Dam	Corps of Engineers	9/30/2010	9/30/2060	1,425	1,425	4.250%	4.250%					1,425		
47	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2010	9/30/2060	56,832	56,832	4.250%	4.250%					56,832		
48	2025	Cougar	Corps of Engineers	9/30/2010	9/30/2060	59	59	4.250%	4.250%					59		
49	2025	Ice Harbor	Corps of Engineers	9/30/2010	9/30/2060	207	207	4.250%	4.250%					207		
50	2025	John Day	Corps of Engineers	9/30/2010	9/30/2060	356	356	4.250%	4.250%					356		
51	2025	Libby	Corps of Engineers	9/30/2010	9/30/2060	40	40	4.250%	4.250%					40		
52	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2010	9/30/2060	6	6	4.250%	4.250%					6		
53	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2024	9/30/2074	-	13,444	4.375%	4.375%					13,444		
54		FY 2025 Subtotal:	-	-	-	461,156	467,078	-						446,000		
55	2026	Bureau Direct	-	3/31/2026	9/30/2026	-	37,500	3.346%	3.346%					37,500		
56	2026	Construction (AS)	-	3/31/2026	9/30/2026	-	10,400	3.346%	3.346%					10,400		
57	2026	Corps	-	3/31/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		
58	2026	Fish and Wildlife	-	3/31/2026	9/30/2026	-	37,900	3.346%	3.346%					37,900		
59	2026	Corps	-	4/30/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		
60	2026	Corps	-	5/31/2026	9/30/2026	-	82,967	3.346%	3.346%					82,967		

TABLE 12C
APPLICATION OF AMORTIZATION
FY 2025
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
61	2026	Fish and Wildlife	-	10/31/2013	12/31/2026	28,000	28,000	3.717%	3.717%					28,000		
62	2026	Conservation	-	3/31/2020	3/31/2027	6,000	6,000	0.964%	0.964%					6,000		
63	2026	Fish and Wildlife	-	10/31/2013	5/31/2027	11,000	11,000	3.762%	3.762%					11,000		
64	2026	Corps	-	4/30/2020	4/30/2028	27,000	27,000	0.945%	0.945%					20,000		
65	2026	Bureau Direct	-	7/15/2024	9/30/2030	7,000	7,000	4.212%	4.212%					7,000		
66	2026	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	6,000	4.212%	4.212%					300		
67	2026	Bureau Direct	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
68	2026	Corps	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
69	FY 2026 Subtotal:		-	-	-	85,000	449,700	-						437,000		
70	2027	Corps	-	3/31/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
71	2027	Corps	-	4/30/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
72	2027	Corps	-	5/31/2027	9/30/2027	-	54,500	2.939%	2.939%					54,500		
73	2027	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	5,700	4.212%	4.212%					400		
74	2027	Bureau Direct	-	3/31/2025	3/31/2055	-	34,700	4.696%	4.696%					34,700		
75	2027	Corps	-	3/31/2025	3/31/2055	-	64,800	4.696%	4.696%					64,800		
76	2027	Corps	-	4/30/2025	4/30/2055	-	64,800	4.696%	4.696%					64,800		
77	2027	Corps	-	5/31/2025	5/31/2055	-	64,800	4.696%	4.696%					64,800		
78	FY 2027 Subtotal:		-	-	-	6,000	446,300	-						441,000		
79	2028	Fish and Wildlife	-	3/31/2015	3/31/2028	3,000	3,000	2.511%	2.511%					3,000		
80	2028	Corps	-	4/30/2020	4/30/2028	27,000	7,000	0.945%	0.945%					7,000		
81	2028	Technology (G)	-	7/15/2024	9/30/2028	5,000	5,000	4.190%	4.190%					5,000		
82	2028	Technology (G)	-	7/31/2024	9/30/2028	5,000	5,000	4.132%	4.132%					5,000		
83	2028	Construction (AS)	-	3/31/2023	9/30/2028	2,000	2,000	3.855%	3.855%					2,000		
84	2028	Corps	-	7/15/2024	9/30/2029	8,000	8,000	4.182%	4.182%					8,000		
85	2028	Corps	-	7/31/2024	9/30/2029	7,000	7,000	4.123%	4.123%					7,000		
86	2028	Construction (AS)	-	9/30/2024	9/30/2029	-	10,000	3.789%	3.789%					10,000		
87	2028	Construction (AS)	-	3/31/2025	3/31/2030	-	6,800	3.649%	3.649%					3,748		
88	2028	Technology (G)	-	3/31/2025	3/31/2030	-	900	3.649%	3.649%					900		
89	2028	Bureau Direct	-	7/31/2024	9/30/2030	8,000	8,000	4.152%	4.152%					8,000		
90	2028	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	5,300	4.212%	4.212%					5,300		
91	2028	Fish and Wildlife	-	7/31/2024	9/30/2030	4,000	4,000	4.152%	4.152%					4,000		
92	2028	Fish and Wildlife	-	9/30/2024	9/30/2039	-	10,000	4.140%	4.139%					10,000		
93	2028	Fish and Wildlife	-	3/31/2025	3/31/2040	-	56,300	4.212%	4.212%					56,300		
94	2028	Bonneville Dam	Corps of Engineers	9/30/2011	9/30/2061	10,962	10,962	3.750%	3.750%					10,962		
95	2028	Chief Joseph	Corps of Engineers	9/30/2011	9/30/2061	4	4	3.750%	3.750%					4		
96	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	106,014	3.750%	3.750%					106,014		
97	2028	Cougar	Corps of Engineers	9/30/2011	9/30/2061	282	282	3.750%	3.750%					282		
98	2028	Green Peter/Foster	Corps of Engineers	9/30/2011	9/30/2061	87	87	3.750%	3.750%					87		
99	2028	Hills Creek	Corps of Engineers	9/30/2011	9/30/2061	12	12	3.750%	3.750%					12		
100	2028	Ice Harbor	Corps of Engineers	9/30/2011	9/30/2061	819	819	3.750%	3.750%					819		
101	2028	John Day	Corps of Engineers	9/30/2011	9/30/2061	175	175	3.750%	3.750%					175		
102	2028	Libby	Corps of Engineers	9/30/2011	9/30/2061	152	152	3.750%	3.750%					152		
103	2028	Lookout Dam	Corps of Engineers	9/30/2011	9/30/2061	17	17	3.750%	3.750%					17		
104	2028	Lost Creek	Corps of Engineers	9/30/2011	9/30/2061	7	7	3.750%	3.750%					7		
105	2028	Lower Granite	Corps of Engineers	9/30/2011	9/30/2061	8	8	3.750%	3.750%					8		
106	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2011	9/30/2061	122	122	3.750%	3.750%					122		
107	2028	McNary	Corps of Engineers	9/30/2011	9/30/2061	565	565	3.750%	3.750%					565		
108	2028	Cougar	Corps of Engineers	9/30/2014	9/30/2064	12	12	3.875%	3.875%					12		
109	2028	Bonneville Dam	Corps of Engineers	9/30/2014	9/30/2064	0		3.875%	3.875%							
110	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	109,737	3.875%	3.875%					109,737		
111	2028	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2014	9/30/2064	18	18	3.875%	3.875%					18		
112	2028	Green Peter/Foster	Corps of Engineers	9/30/2014	9/30/2064	385	385	3.875%	3.875%					385		
113	2028	Lower Granite	Corps of Engineers	9/30/2014	9/30/2064	2,644	2,644	3.875%	3.875%					2,644		
114	2028	Lower Monument	Corps of Engineers	9/30/2014	9/30/2064	1,430	1,430	3.875%	3.875%					1,430		
115	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2014	9/30/2064	222	222	3.875%	3.875%					222		
116	2028	McNary	Corps of Engineers	9/30/2014	9/30/2064	759	759	3.875%	3.875%					759		
117	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2025	9/30/2075	-	12,651	4.125%	4.125%					12,651		
118	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2026	9/30/2076	-	51,524	3.736%	3.736%					51,524		
119	FY 2028 Subtotal:		-	-	-	309,765	436,905	-						433,853		

TABLE 12C
APPLICATION OF AMORTIZATION
FY 2025
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
120	2029	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	21,078	3.880%	3.880%					21,078		
121	2029	Construction (AS)	-	3/31/2025	3/31/2030	-	3,052	3.649%	3.649%					3,052		
122	2029	Fish and Wildlife	-	3/31/2027	3/31/2042	-	67,000	3.661%	3.661%					67,000		
123	2029	Corps	-	2/28/2023	2/28/2050	21,000	21,000	3.595%	3.595%					21,000		
124	2029	Corps	-	2/28/2023	2/28/2050	19,000	19,000	3.595%	3.595%					19,000		
125	2029	Bureau Direct	-	3/31/2027	3/31/2057	-	50,800	4.181%	4.181%					50,800		
126	2029	Corps	-	5/31/2027	5/31/2057	-	24,000	4.181%	4.181%					24,000		
127	2029	Cougar	Corps of Engineers	9/30/2012	9/30/2062	139	139	3.375%	3.375%					139		
128	2029	Green Peter/Foster	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
129	2029	Chief Joseph	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
130	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	101,616	3.375%	3.375%					101,616		
131	2029	Hills Creek	Corps of Engineers	9/30/2012	9/30/2062	142	142	3.375%	3.375%					142		
132	2029	Ice Harbor	Corps of Engineers	9/30/2012	9/30/2062	115	115	3.375%	3.375%					115		
133	2029	John Day	Corps of Engineers	9/30/2012	9/30/2062	6,161	6,050	3.375%	3.375%					6,050		
134	2029	Libby	Corps of Engineers	9/30/2012	9/30/2062	16	16	3.375%	3.375%					16		
135	2029	Lookout Dam	Corps of Engineers	9/30/2012	9/30/2062	294	294	3.375%	3.375%					294		
136	2029	Lower Monument	Corps of Engineers	9/30/2012	9/30/2062	89	89	3.375%	3.375%					89		
137	2029	McNary	Corps of Engineers	9/30/2012	9/30/2062	12	11	3.375%	3.375%					11		
138	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	64,291	3.250%	3.250%					22,181		
139	2029	Green Peter/Foster	Corps of Engineers	9/30/2015	9/30/2065	68	68	3.250%	3.250%					68		
140	2029	Ice Harbor	Corps of Engineers	9/30/2015	9/30/2065	3,175	3,175	3.250%	3.250%					3,175		
141	2029	Lower Granite	Corps of Engineers	9/30/2015	9/30/2065	1,597	1,597	3.250%	3.250%					1,597		
142	2029	Minidoka/Palisades	Bureau of Reclamation	9/30/2015	9/30/2065	19,237	15,518	3.250%	3.250%					15,518		
143	2029	The Dalles	Corps of Engineers	9/30/2015	9/30/2065	302	302	3.250%	3.250%					302		
144	2029	Columbia Basin	Bureau of Reclamation	9/30/2023	9/30/2073	32	32	3.375%	3.375%					32		
145	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2023	9/30/2073	4,472	4,472	3.375%	3.375%					4,472		
146	2029	Hungry Horse Dam	Bureau of Reclamation	9/30/2023	9/30/2073	4	4	3.375%	3.375%					4		
147	2029	RRP - Green Springs	Bureau of Reclamation	9/30/2023	9/30/2073	9	9	3.375%	3.375%					9		
148	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2027	9/30/2077	-	4,704	3.601%	3.601%					4,704		
149		FY 2029 Subtotal:	-	-	-	263,826	408,630	-						366,519		
150	2030	Fish and Wildlife	-	3/31/2020	3/31/2030	8,000	8,000	1.274%	1.274%					8,000		
151	2030	Corps	-	5/31/2016	5/31/2030	15,000	15,000	2.599%	2.599%					15,000		
152	2030	Bureau Direct	-	7/31/2016	7/31/2030	12,000	12,000	2.145%	2.145%					12,000		
153	2030	Corps	-	7/31/2016	7/31/2030	25,000	25,000	2.145%	2.145%					25,000		
154	2030	Technology (G)	-	3/31/2026	3/31/2031	-	1,400	3.198%	3.198%					1,400		
155	2030	Construction (AS)	-	3/31/2027	3/31/2032	-	9,800	3.087%	3.087%					9,800		
156	2030	Technology (G)	-	3/31/2027	3/31/2032	-	1,400	3.087%	3.087%					1,400		
157	2030	Columbia Basin	Bureau of Reclamation	9/30/2013	9/30/2063	3,078	3,078	2.875%	2.875%					3,078		
158	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	84,600	2.875%	2.875%					81,418		
159	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2013	9/30/2063	528	528	2.875%	2.875%					528		
160	2030	Little Goose	Corps of Engineers	9/30/2013	9/30/2063	66	66	2.875%	2.875%					66		
161	2030	McNary	Corps of Engineers	9/30/2013	9/30/2063	1,000	1,000	2.875%	2.875%					1,000		
162	2030	Bonneville Dam	Corps of Engineers	9/30/2015	9/30/2065	102	102	3.250%	3.250%					102		
163	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	42,111	3.250%	3.250%					42,111		
164	2030	Boise	Bureau of Reclamation	9/30/2016	9/30/2066	118		3.000%	3.000%							
165	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2016	9/30/2066	30,066	29,635	3.000%	3.000%					29,635		
166	2030	Cougar	Corps of Engineers	9/30/2016	9/30/2066	2	2	3.000%	3.000%					2		
167	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2016	9/30/2066	31	31	3.000%	3.000%					31		
168	2030	Green Peter/Foster	Corps of Engineers	9/30/2016	9/30/2066	70	70	3.000%	3.000%					70		
169	2030	Ice Harbor	Corps of Engineers	9/30/2016	9/30/2066	558	558	3.000%	3.000%					558		
170	2030	Lower Granite	Corps of Engineers	9/30/2016	9/30/2066	1,878	1,878	3.000%	3.000%					1,878		
171	2030	Lower Monument	Corps of Engineers	9/30/2016	9/30/2066	155	155	3.000%	3.000%					155		
172	2030	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2016	9/30/2066	1,256	1,256	3.000%	3.000%					1,256		
173	2030	The Dalles	Corps of Engineers	9/30/2016	9/30/2066	4	4	3.000%	3.000%					4		
174	2030	Bonneville Dam	Corps of Engineers	9/30/2019	9/30/2069	703	736	3.125%	3.125%					736		
175	2030	Columbia Basin	Bureau of Reclamation	9/30/2019	9/30/2069	4,130	4,221	3.125%	3.125%					4,221		
176	2030	Columbia River Fish Mitigation	Corps of Engineers	9/30/2019	9/30/2069	49,505	47,997	3.125%	3.125%					47,997		
177	2030	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2019	9/30/2069	2	2	3.125%	3.125%					2		
178	2030	Green Peter/Foster	Corps of Engineers	9/30/2019	9/30/2069	10	10	3.125%	3.125%					10		
179	2030	Ice Harbor	Corps of Engineers	9/30/2019	9/30/2069	630	630	3.125%	3.125%					630		

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FY 2025
(\$000s)

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Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
180	2030	McNary	Corps of Engineers	9/30/2019	9/30/2069	479	479	3.125%					479		
181	2030	RRP - Green Springs	Bureau of Reclamation	9/30/2019	9/30/2069	1,099	1,099	3.125%					1,099		
182	2030	The Dalles	Corps of Engineers	9/30/2019	9/30/2069	129	158	3.125%					158		
183	FY 2030 Subtotal:		-	-	-	315,163	293,004	-					289,823		
184	2031	Corps	-	4/30/2016	4/30/2031	53,000	19,393	2.661%					19,393		
185	2031	Bureau Direct	-	4/30/2016	4/30/2031	17,000	17,000	2.661%					17,000		
186	2031	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	38,000	2.515%					8,198		
187	2031	Corps	-	2/17/2022	2/28/2042	37,000	37,000	2.732%					37,000		
188	2031	Corps	-	2/28/2022	2/28/2051	35,000	35,000	2.825%					35,000		
189	2031	Corps	-	2/28/2022	2/29/2052	34,000	34,000	2.829%					34,000		
190	2031	Bureau Direct	-	2/28/2022	2/29/2052	9,000	9,000	2.829%					9,000		
191	2031	Bonneville Dam	Corps of Engineers	9/30/2013	9/30/2063	268	268	2.875%					268		
192	2031	Chief Joseph	Corps of Engineers	9/30/2013	9/30/2063	10	10	2.875%					10		
193	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	3,181	2.875%					3,181		
194	2031	Cougar	Corps of Engineers	9/30/2013	9/30/2063	4,088	4,088	2.875%					4,088		
195	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	48,446	2.750%					48,446		
196	2031	Libby	Corps of Engineers	9/30/2018	9/30/2068	282	282	2.750%					282		
197	2031	Little Goose	Corps of Engineers	9/30/2018	9/30/2068	2,707	2,707	2.750%					2,707		
198	2031	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2018	9/30/2068	1,608	1,608	2.750%					1,608		
199	2031	Minidoka/Palisades	Bureau of Reclamation	9/30/2018	9/30/2068	145	145	2.750%					145		
200	2031	The Dalles	Corps of Engineers	9/30/2018	9/30/2068	15	15	2.750%					15		
201	FY 2031 Subtotal:		-	-	-	375,845	250,145	-					220,343		
202	2032	Bureau Direct	-	5/31/2020	5/31/2032	16,000	16,000	1.188%					16,000		
203	2032	Bureau Direct	-	5/31/2020	5/31/2032	10,000	10,000	1.188%					10,000		
204	2032	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	29,802	2.515%					29,802		
205	2032	Columbia Basin	Bureau of Reclamation	9/30/2017	9/30/2067	2,865	2,865	2.375%					2,865		
206	2032	Cougar	Corps of Engineers	9/30/2017	9/30/2067	2	2	2.375%					2		
207	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	55,950	2.375%					55,950		
208	2032	Lower Monument	Corps of Engineers	9/30/2017	9/30/2067	942	942	2.375%					942		
209	2032	McNary	Corps of Engineers	9/30/2017	9/30/2067	239	239	2.375%					239		
210	2032	The Dalles	Corps of Engineers	9/30/2017	9/30/2067	10	10	2.375%					10		
211	2032	Columbia Basin	Bureau of Reclamation	9/30/2020	9/30/2070	202	63	2.125%					63		
212	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	82,089	2.125%					63,356		
213	2032	Cougar	Corps of Engineers	9/30/2020	9/30/2070	267	267	2.125%					267		
214	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2020	9/30/2070	295	295	2.125%					295		
215	FY 2032 Subtotal:		-	-	-	208,935	198,525	-					179,792		
216	2033	Bureau Direct	-	6/30/2020	6/30/2033	11,000	11,000	1.238%					11,000		
217	2033	Bureau Direct	-	6/30/2020	6/30/2033	12,000	12,000	1.238%					12,000		
218	2033	Bureau Direct	-	7/31/2020	7/31/2033	15,000	15,000	1.157%					15,000		
219	2033	Bureau Direct	-	3/31/2020	6/30/2046	26,000	26,000	2.083%					26,000		
220	2033	Corps	-	3/31/2020	9/30/2047	24,000	24,000	2.103%					24,000		
221	2033	Corps	-	5/31/2020	11/30/2048	25,000	25,000	1.957%					14,725		
222	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	18,733	2.125%					18,733		
223	2033	Dworshak	Corps of Engineers	9/30/2020	9/30/2070	29	29	2.125%					29		
224	2033	Green Peter/Foster	Corps of Engineers	9/30/2020	9/30/2070	1	1	2.125%					1		
225	2033	Libby	Corps of Engineers	9/30/2020	9/30/2070	5	5	2.125%					5		
226	2033	Little Goose	Corps of Engineers	9/30/2020	9/30/2070	5,504	5,504	2.125%					5,504		
227	2033	Lower Granite	Corps of Engineers	9/30/2020	9/30/2070	18,822	18,822	2.125%					18,822		
228	FY 2033 Subtotal:		-	-	-	219,755	156,093	-					145,818		
229	2034	Bureau Direct	-	5/31/2020	5/31/2043	24,000	24,000	1.869%					24,000		
230	2034	Bureau Direct	-	4/30/2020	4/30/2045	30,000	30,000	1.760%					23,447		
231	2034	Corps	-	5/31/2020	5/31/2048	21,000	21,000	1.953%					21,000		
232	2034	Corps	-	5/31/2020	11/30/2048	25,000	10,275	1.957%					10,275		
233	2034	Corps	-	6/30/2020	6/30/2049	24,000	24,000	1.812%					24,000		
234	2034	Bureau Direct	-	6/30/2020	6/30/2049	10,000	10,000	1.812%					10,000		
235	2034	Bureau Direct	-	6/30/2020	6/30/2049	16,000	16,000	1.812%					16,000		
236	2034	Corps	-	4/30/2020	4/30/2050	50,000	50,000	1.827%					50,000		
237	2034	Columbia Basin	Bureau of Reclamation	9/30/2022	9/30/2072	13,165	13,165	1.875%					13,165		
238	2034	Columbia River Fish Mitigation	Corps of Engineers	9/30/2022	9/30/2072	1,574	1,574	1.875%					1,574		
239	2034	RRP - Green Springs	Bureau of Reclamation	9/30/2022	9/30/2072	1	1	1.875%					1		

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Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
240	FY 2034 Subtotal:	-	-	-	214,739	200,015	-	-	-	-	-	-	193,462	-	-
241	2035 Bureau Direct	-	7/31/2020	1/31/2041	35,000	35,000	1.457%	1.457%					13,020		
242	2035 Corps	-	4/30/2020	4/30/2044	40,000	40,000	1.744%	1.744%					40,000		
243	2035 Bureau Direct	-	4/30/2020	4/30/2045	30,000	6,553	1.760%	1.760%					6,553		
244	2035 Corps	-	7/31/2020	1/31/2046	2,000	2,000	1.640%	1.640%					2,000		
245	2035 Bureau Direct	-	7/31/2020	1/31/2046	13,000	13,000	1.640%	1.640%					13,000		
246	2035 Corps	-	7/31/2020	7/31/2046	32,000	32,000	1.651%	1.651%					32,000		
247	2035 Corps	-	7/31/2020	7/31/2047	64,000	64,000	1.667%	1.667%					64,000		
248	2035 Bureau Direct	-	7/31/2020	7/31/2049	17,000	17,000	1.680%	1.680%					17,000		
249	FY 2035 Subtotal:	-	-	-	233,000	209,553	-	-	-	-	-	-	187,573	-	-
250	2036 Bureau Direct	-	7/31/2020	1/31/2041	35,000	21,980	1.457%	1.457%					21,980		
251	2036 Replacements	-	3/31/2028	3/31/2063	252,830	252,830	4.073%	4.072%					64,479		
252	2036 Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	80,420	1.375%	1.375%					80,420		
253	2036 Dworshak	Corps of Engineers	9/30/2021	9/30/2071	2	2	1.375%	1.375%					2		
254	2036 Little Goose	Corps of Engineers	9/30/2021	9/30/2071	7	7	1.375%	1.375%					7		
255	2036 Lower Granite	Corps of Engineers	9/30/2021	9/30/2071	423	423	1.375%	1.375%					423		
256	FY 2036 Subtotal:	-	-	-	368,682	355,663	-	-	-	-	-	-	167,312	-	-
257	2037 Replacements	-	3/31/2028	3/31/2063	252,830	188,351	4.073%	4.072%					183,552		
258	FY 2037 Subtotal:	-	-	-	252,830	188,351	-	-	-	-	-	-	183,552	-	-
259	2038 Replacements	-	3/31/2028	3/31/2063	252,830	4,798	4.073%	4.072%					4,798		
260	2038 Replacements	-	3/31/2029	3/31/2064	252,830	252,830	4.073%	4.072%					199,602		
261	FY 2038 Subtotal:	-	-	-	505,660	257,628	-	-	-	-	-	-	204,401	-	-
262	2039 Replacements	-	3/31/2029	3/31/2064	252,830	53,227	4.073%	4.072%					53,227		
263	2039 Replacements	-	3/31/2030	3/31/2065	252,830	252,830	4.073%	4.072%					141,893		
264	FY 2039 Subtotal:	-	-	-	505,660	306,057	-	-	-	-	-	-	195,120	-	-
265	2040 Replacements	-	3/31/2030	3/31/2065	252,830	110,937	4.073%	4.072%					110,937		
266	2040 Replacements	-	3/31/2031	3/31/2066	252,830	252,830	4.073%	4.072%					102,375		
267	FY 2040 Subtotal:	-	-	-	505,660	363,767	-	-	-	-	-	-	213,312	-	-
268	2041 Replacements	-	3/31/2031	3/31/2066	252,830	150,455	4.073%	4.072%					143,046		
269	FY 2041 Subtotal:	-	-	-	252,830	150,455	-	-	-	-	-	-	143,046	-	-
270	2042 Replacements	-	3/31/2031	3/31/2066	252,830	7,409	4.073%	4.072%					7,409		
271	2042 Replacements	-	3/31/2032	3/31/2067	252,830	252,830	4.073%	4.072%					211,524		
272	FY 2042 Subtotal:	-	-	-	505,660	260,239	-	-	-	-	-	-	218,933	-	-
273	2043 Replacements	-	3/31/2032	3/31/2067	252,830	41,306	4.073%	4.072%					41,306		
274	2043 Replacements	-	3/31/2033	3/31/2068	252,830	252,830	4.073%	4.072%					252,830		
275	2043 Replacements	-	3/31/2034	3/31/2069	252,830	252,830	4.073%	4.072%					30,236		
276	FY 2043 Subtotal:	-	-	-	758,490	546,966	-	-	-	-	-	-	324,372	-	-
277	2044 Replacements	-	3/31/2034	3/31/2069	252,830	222,594	4.073%	4.072%					222,594		
278	2044 Replacements	-	3/31/2035	3/31/2070	252,830	252,830	4.073%	4.072%					252,830		
279	2044 Replacements	-	3/31/2036	3/31/2071	252,830	252,830	4.073%	4.072%					55,788		
280	FY 2044 Subtotal:	-	-	-	758,490	728,253	-	-	-	-	-	-	531,211	-	-
281	2045 Replacements	-	3/31/2036	3/31/2071	252,830	197,042	4.073%	4.072%					197,042		
282	2045 Replacements	-	3/31/2037	3/31/2072	252,830	252,830	4.073%	4.072%					15,921		
283	FY 2045 Subtotal:	-	-	-	505,660	449,872	-	-	-	-	-	-	212,963	-	-
284	2046 Replacements	-	3/31/2037	3/31/2072	252,830	236,909	4.073%	4.072%					223,880		
285	FY 2046 Subtotal:	-	-	-	252,830	236,909	-	-	-	-	-	-	223,880	-	-
286	2047 Replacements	-	3/31/2037	3/31/2072	252,830	13,029	4.073%	4.072%					13,029		
287	2047 Replacements	-	3/31/2038	3/31/2073	252,830	252,830	4.073%	4.072%					209,643		
288	FY 2047 Subtotal:	-	-	-	505,660	265,859	-	-	-	-	-	-	222,672	-	-
289	2048 Replacements	-	3/31/2038	3/31/2073	252,830	43,187	4.073%	4.072%					43,187		
290	2048 Replacements	-	3/31/2039	3/31/2074	252,830	252,830	4.073%	4.072%					178,232		
291	FY 2048 Subtotal:	-	-	-	505,660	296,017	-	-	-	-	-	-	221,418	-	-
292	2049 Replacements	-	3/31/2039	3/31/2074	252,830	74,598	4.073%	4.072%					74,598		
293	2049 Replacements	-	3/31/2040	3/31/2075	252,830	252,830	4.073%	4.072%					145,511		
294	FY 2049 Subtotal:	-	-	-	505,660	327,428	-	-	-	-	-	-	220,109	-	-
295	2050 Replacements	-	3/31/2040	3/31/2075	252,830	107,319	4.073%	4.072%					107,319		
296	2050 Replacements	-	3/31/2041	3/31/2076	252,830	252,830	4.073%	4.072%					111,428		
297	FY 2050 Subtotal:	-	-	-	505,660	360,149	-	-	-	-	-	-	218,747	-	-

TABLE 12C
APPLICATION OF AMORTIZATION
FY 2025
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
298	2051	Replacements	-	3/31/2041	3/31/2076	252,830	141,402	4.073%	4.072%					141,402		
299	2051	Replacements	-	3/31/2042	3/31/2077	252,830	252,830	4.073%	4.072%					75,925		
300		FY 2051 Subtotal:	-	-	-	505,660	394,232	-						217,328		
301	2052	Replacements	-	3/31/2042	3/31/2077	252,830	176,904	4.073%	4.072%					176,904		
302	2052	Replacements	-	3/31/2043	3/31/2078	252,830	252,830	4.073%	4.072%					38,944		
303		FY 2052 Subtotal:	-	-	-	505,660	429,734	-						215,849		
304	2053	Replacements	-	3/31/2043	3/31/2078	252,830	213,886	4.073%	4.072%					213,886		
305	2053	Replacements	-	3/31/2044	3/31/2079	252,830	252,830	4.073%	4.072%					423		
306		FY 2053 Subtotal:	-	-	-	505,660	466,715	-						214,308		
307	2054	Replacements	-	3/31/2044	3/31/2079	252,830	252,407	4.073%	4.072%					212,703		
308		FY 2054 Subtotal:	-	-	-	252,830	252,407	-						212,703		
309	2055	Replacements	-	3/31/2044	3/31/2079	252,830	39,704	4.073%	4.072%					39,704		
310	2055	Replacements	-	3/31/2045	3/31/2080	252,830	252,830	4.073%	4.072%					171,328		
311		FY 2055 Subtotal:	-	-	-	505,660	292,534	-						211,031		
312	2056	Replacements	-	3/31/2045	3/31/2080	252,830	81,502	4.073%	4.072%					81,502		
313	2056	Replacements	-	3/31/2046	3/31/2081	252,830	252,830	4.073%	4.072%					127,791		
314		FY 2056 Subtotal:	-	-	-	505,660	334,332	-						209,293		
315	2057	Replacements	-	3/31/2046	3/31/2081	252,830	125,039	4.073%	4.072%					125,039		
316	2057	Replacements	-	3/31/2047	3/31/2082	252,830	252,830	4.073%	4.072%					82,441		
317		FY 2057 Subtotal:	-	-	-	505,660	377,869	-						207,480		
318	2058	Replacements	-	3/31/2047	3/31/2082	252,830	170,389	4.073%	4.072%					170,389		
319	2058	Replacements	-	3/31/2048	3/31/2083	252,830	252,830	4.073%	4.072%					35,201		
320		FY 2058 Subtotal:	-	-	-	505,660	423,219	-						205,590		
321	2059	Replacements	-	3/31/2048	3/31/2083	252,830	217,629	4.073%	4.072%					203,619		
322		FY 2059 Subtotal:	-	-	-	252,830	217,629	-						203,619		
323	2060	Replacements	-	3/31/2048	3/31/2083	252,830	14,011	4.073%	4.072%					14,011		
324	2060	Replacements	-	3/31/2049	3/31/2084	252,830	252,830	4.073%	4.072%					187,559		
325		FY 2060 Subtotal:	-	-	-	505,660	266,840	-						201,570		
326	2061	Replacements	-	3/31/2049	3/31/2084	252,830	65,271	4.073%	4.072%					65,271		
327	2061	Replacements	-	3/31/2050	3/31/2085	252,830	252,830	4.073%	4.072%					134,164		
328		FY 2061 Subtotal:	-	-	-	505,660	318,101	-						199,435		
329	2062	Replacements	-	3/31/2050	3/31/2085	252,830	118,666	4.073%	4.072%					118,666		
330	2062	Replacements	-	3/31/2051	3/31/2086	252,830	252,830	4.073%	4.072%					78,547		
331		FY 2062 Subtotal:	-	-	-	505,660	371,496	-						197,213		
332	2063	Replacements	-	3/31/2051	3/31/2086	252,830	174,283	4.073%	4.072%					174,283		
333	2063	Replacements	-	3/31/2052	3/31/2087	252,830	252,830	4.073%	4.072%					20,613		
334		FY 2063 Subtotal:	-	-	-	505,660	427,113	-						194,896		
335	2064	Replacements	-	3/31/2052	3/31/2087	252,830	232,217	4.073%	4.072%					192,482		
336		FY 2064 Subtotal:	-	-	-	252,830	232,217	-						192,482		
337	2065	Replacements	-	3/31/2052	3/31/2087	252,830	39,735	4.073%	4.072%					39,735		
338	2065	Replacements	-	3/31/2053	3/31/2088	252,830	252,830	4.073%	4.072%					150,236		
339		FY 2065 Subtotal:	-	-	-	505,660	292,565	-						189,970		
340	2066	Replacements	-	3/31/2053	3/31/2088	252,830	102,594	4.073%	4.072%					102,594		
341	2066	Replacements	-	3/31/2054	3/31/2089	252,830	252,830	4.073%	4.072%					84,757		
342		FY 2066 Subtotal:	-	-	-	505,660	355,424	-						187,352		
343	2067	Replacements	-	3/31/2054	3/31/2089	252,830	168,073	4.073%	4.072%					168,073		
344	2067	Replacements	-	3/31/2055	3/31/2090	252,830	252,830	4.073%	4.072%					16,550		
345		FY 2067 Subtotal:	-	-	-	505,660	420,902	-						184,623		
346	2068	Replacements	-	3/31/2055	3/31/2090	252,830	236,280	4.073%	4.072%					181,785		
347		FY 2068 Subtotal:	-	-	-	252,830	236,280	-						181,785		
348	2069	Replacements	-	3/31/2055	3/31/2090	252,830	54,495	4.073%	4.072%					54,495		
349	2069	Replacements	-	3/31/2056	3/31/2091	252,830	252,830	4.073%	4.072%					124,330		
350		FY 2069 Subtotal:	-	-	-	505,660	307,325	-						178,825		
351	2070	Replacements	-	3/31/2056	3/31/2091	252,830	128,500	4.073%	4.072%					128,500		
352	2070	Replacements	-	3/31/2057	3/31/2092	252,830	252,830	4.073%	4.072%					47,242		
353		FY 2070 Subtotal:	-	-	-	505,660	381,330	-						175,743		
354	2071	Replacements	-	3/31/2057	3/31/2092	252,830	205,587	4.073%	4.072%					172,531		
355		FY 2071 Subtotal:	-	-	-	252,830	205,587	-						172,531		

TABLE 12C
APPLICATION OF AMORTIZATION
FY 2025
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
356	2072	Replacements	-	3/31/2057	3/31/2092	252,830	33,056	4.073%	4.072%					33,056		
357	2072	Replacements	-	3/31/2058	3/31/2093	252,830	252,830	4.073%	4.072%					136,128		
358		FY 2072 Subtotal:	-	-	-	505,660	285,886	-						169,184		
359	2073	Replacements	-	3/31/2058	3/31/2093	252,830	116,702	4.073%	4.072%					116,702		
360	2073	Replacements	-	3/31/2059	3/31/2094	252,830	252,830	4.073%	4.072%					49,000		
361		FY 2073 Subtotal:	-	-	-	505,660	369,532	-						165,702		
362	2074	Replacements	-	3/31/2059	3/31/2094	252,830	203,830	4.073%	4.072%					162,072		
363		FY 2074 Subtotal:	-	-	-	252,830	203,830	-						162,072		
364	2075	Replacements	-	3/31/2059	3/31/2094	252,830	41,757	4.073%	4.072%					41,757		
365	2075	Replacements	-	3/31/2060	3/31/2095	252,830	252,830	4.073%	4.072%					116,534		
366		FY 2075 Subtotal:	-	-	-	505,660	294,587	-						158,291		
367	2076	Replacements	-	3/31/2060	3/31/2095	252,830	136,296	4.073%	4.072%					136,296		
368	2076	Replacements	-	3/31/2061	3/31/2096	252,830	252,830	4.073%	4.072%					18,059		
369		FY 2076 Subtotal:	-	-	-	505,660	389,126	-						154,355		
370	2077	Replacements	-	3/31/2061	3/31/2096	252,830	234,770	4.073%	4.072%					150,256		
371		FY 2077 Subtotal:	-	-	-	252,830	234,770	-						150,256		
372		Grand Total				22,242,476	17,808,844	-						12,362,717		

**TABLE 12D
SUMMARY OF INTEREST
FY 2027
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
2	Appropriation	Bureau of Reclamation	Boise																
3			Columbia Basin	538	538	538	538	538	538	537	316	316	247	123	-	-	-	-	-
4			Hungry Horse Dam							-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palises	508	508	508	508	508	508	4	4	-	-	-	-	-	-	-	-
6			RRP - Green Springs	35	35	35	35	35	35	34					-	-	-	-	-
7			Bureau of Reclamation Subtotal:	1,081	1,081	1,081	1,081	1,081	1,081	575	320	316	247	123	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	626	626	445	445	445	34	34	8	-	-	-	-	-	-	-	-
10			Chief Joseph	1,083	1,083	1	1	1	1				-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	31,190	31,778	24,782	26,707	26,876	16,201	11,731	5,632	3,535	1,334	1,121	1,106	553	-	-	-
12			Cougar	147	147	139	139	139	128	123	123	3	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	17	17	17	17	17	16	16	-	-	-	-	-	-	-	-	-
14			Dworshak	1	1	1	1	1	1	1	1	1					-	-	-
15			Green Peter/Foster	24	24	24	24	24	6	2					-	-	-	-	-
16			Hills Creek	5	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	183	183	174	174	174	143	36	-	-	-	-	-	-	-	-	-
18			John Day	226	226	211	211	211	204	-	-	-	-	-	-	-	-	-	-
19			Libby	16	16	14	14	14	8	8	8			-	-	-	-	-	-
20			Little Goose	195	195	193	193	193	193	193	191	117	59			-	-	-	-
21			Lookout Dam	11	11	11	11	11	10	-	-	-	-	-	-	-	-	-	-
22			Lost Creek						-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	685	685	617	617	617	514	462	406	406	206	6	6	3	-	-	-
24			Lower Monument	85	85	85	85	85	30	27	22	22	-	-	-	-	-	-	-
25			McNary	100	100	100	100	100	50	49	6	6	-	-	-	-	-	-	-
26			The Dalles	16	16	16	16	16	16	6	1		-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	34,611	35,199	26,835	28,760	28,929	17,560	12,689	6,398	4,090	1,599	1,126	1,112	556	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	169	169	101	101	101	88	88	50	3	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	169	169	101	101	101	88	88	50	3	-	-	-	-	-	-	-
30		Appropriation Subtotal:		35,861	36,449	28,017	29,942	30,111	18,729	13,352	6,769	4,409	1,846	1,250	1,112	556	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(2,742)	(2,314)	(1,906)	(1,823)	(1,805)	(1,502)	(1,208)	(972)	(790)	(687)	(857)	(873)	(890)	(907)	(928)	(950)
32			BPA Borrowing Subtotal:	(2,742)	(2,314)	(1,906)	(1,823)	(1,805)	(1,502)	(1,208)	(972)	(790)	(687)	(857)	(873)	(890)	(907)	(928)	(950)
33		Interest Income Subtotal:		(2,742)	(2,314)	(1,906)	(1,823)	(1,805)	(1,502)	(1,208)	(972)	(790)	(687)	(857)	(873)	(890)	(907)	(928)	(950)
34	Treasury	BPA Borrowing	Bureau Direct	17,356	9,989	7,808	6,938	7,019	5,791	4,729	4,344	3,765	3,186	2,221	780	160	-	-	-
35			Interest Accrual	1,941	1,244	1,244	1,244	1,244	1,244	1,202	992	889	654	214	53	-	-	-	-
36			Interest Accrual Reversal	(3,352)	(1,941)	(1,244)	(1,244)	(1,244)	(1,244)	(1,244)	(1,202)	(992)	(889)	(654)	(214)	(53)	-	-	-
37			Conservation	4,308	58	58	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	247	580	878	855	749	358	151	-	-	-	-	-	-	-	-	-
39			Corps	18,961	18,331	24,727	21,853	12,289	11,192	9,473	7,067	5,078	4,826	4,068	1,512	-	-	-	-
40			Interest Accrual	3,065	4,541	4,462	2,516	2,489	2,031	1,812	1,347	1,347	1,251	558	-	-	-	-	-
41			Interest Accrual Reversal	(3,149)	(3,065)	(4,541)	(4,462)	(2,516)	(2,489)	(2,031)	(1,812)	(1,347)	(1,347)	(1,251)	(558)	-	-	-	-
42			Fish and Wildlife	7,455	7,546	7,235	6,358	5,951	2,690	1,004	850	373	-	-	-	-	-	-	-
43			Interest Accrual	1,187	819	420	420	420	81	81	63	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	(1,108)	(1,187)	(819)	(420)	(420)	(420)	(81)	(81)	(63)	-	-	-	-	-	-	-
45			Technology (G)	197	708	471	515	521	88	44	-	-	-	-	-	-	-	-	-
46			Interest Accrual	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	(66)	(143)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	47,186	37,478	40,700	34,573	26,500	19,322	15,140	11,570	9,049	7,679	5,157	1,572	107	-	-	-
49		Federal Generation Replacements	Replacements	-	-	-	-	5,149	15,446	25,743	36,040	46,338	56,635	66,932	77,229	86,214	91,460	93,857	96,018
50			Federal Generation Replacements Subtotal:	-	-	-	-	5,149	15,446	25,743	36,040	46,338	56,635	66,932	77,229	86,214	91,460	93,857	96,018
51		Treasury Subtotal:		47,186	37,478	40,700	34,573	31,649	34,768	40,883	47,610	55,387	64,314	72,089	78,801	86,321	91,460	93,857	96,018
52	Grand Total:			80,305	71,613	66,811	62,692	59,955	51,995	53,028	53,407	59,006	65,473	72,482	79,040	85,987	90,553	92,929	95,068

**TABLE 12D
SUMMARY OF INTEREST
FY 2027
(\$000s)**

	A	B	C	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM
1	Obligation Type	General Project	Specific Project	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(968)	(989)	(1,000)	(1,383)	(2,125)	(1,000)	(997)	(995)	(993)	(990)	(988)	(985)	(983)	(980)	(977)	(974)	(971)	(967)	(964)	(960)
32			BPA Borrowing Subtotal:	(968)	(989)	(1,000)	(1,383)	(2,125)	(1,000)	(997)	(995)	(993)	(990)	(988)	(985)	(983)	(980)	(977)	(974)	(971)	(967)	(964)	(960)
33			Interest Income Subtotal:	(968)	(989)	(1,000)	(1,383)	(2,125)	(1,000)	(997)	(995)	(993)	(990)	(988)	(985)	(983)	(980)	(977)	(974)	(971)	(967)	(964)	(960)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	97,998	101,039	103,965	103,198	96,072	91,215	92,616	93,820	95,074	96,380	97,740	99,157	100,633	102,171	103,772	105,441	107,179	108,989	110,874	112,838
50			Federal Generation Replacements Subtotal:	97,998	101,039	103,965	103,198	96,072	91,215	92,616	93,820	95,074	96,380	97,740	99,157	100,633	102,171	103,772	105,441	107,179	108,989	110,874	112,838
51		Treasury Subtotal:		97,998	101,039	103,965	103,198	96,072	91,215	92,616	93,820	95,074	96,380	97,740	99,157	100,633	102,171	103,772	105,441	107,179	108,989	110,874	112,838
52	Grand Total:			97,030	100,049	102,965	101,815	93,947	90,215	91,619	92,825	94,081	95,390	96,752	98,172	99,651	101,191	102,796	104,467	106,208	108,021	109,910	111,878

**TABLE 12D
SUMMARY OF INTEREST
FY 2027
(\$000s)**

	A	B	C	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY
1	Obligation Type	General Project	Specific Project	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(957)	(953)	(949)	(945)	(940)	(936)	(931)	(926)	(921)	(916)	(910)	(904)
32			BPA Borrowing Subtotal:	(957)	(953)	(949)	(945)	(940)	(936)	(931)	(926)	(921)	(916)	(910)	(904)
33		Interest Income Subtotal:		(957)	(953)	(949)	(945)	(940)	(936)	(931)	(926)	(921)	(916)	(910)	(904)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	114,884	117,015	119,235	121,548	123,956	126,465	129,079	131,801	134,637	137,591	140,668	143,873
50			Federal Generation Replacements Subtotal:	114,884	117,015	119,235	121,548	123,956	126,465	129,079	131,801	134,637	137,591	140,668	143,873
51		Treasury Subtotal:		114,884	117,015	119,235	121,548	123,956	126,465	129,079	131,801	134,637	137,591	140,668	143,873
52	Grand Total:			113,928	116,063	118,287	120,603	123,016	125,530	128,148	130,875	133,716	136,675	139,758	142,968

**TABLE 12D
SUMMARY OF INTEREST
FY 2027
(\$000s)**

	A	B	C	AZ	BA	BB	BC	BD	BE	BF
1	Obligation Type	General Project	Specific Project	2072	2073	2074	2075	2076	2077	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	4,765
4			Hungry Horse Dam	-	-	-	-	-	-	1
5			Minidoka/Palisades	-	-	-	-	-	-	3,058
6			RRP - Green Springs	-	-	-	-	-	-	242
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	8,066
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	4
9			Bonneville Dam	-	-	-	-	-	-	2,662
10			Chief Joseph	-	-	-	-	-	-	2,172
11			Columbia River Fish Mitigation	-	-	-	-	-	-	182,546
12			Cougar	-	-	-	-	-	-	1,088
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	116
14			Dworshak	-	-	-	-	-	-	6
15			Green Peter/Foster	-	-	-	-	-	-	127
16			Hills Creek	-	-	-	-	-	-	31
17			Ice Harbor	-	-	-	-	-	-	1,068
18			John Day	-	-	-	-	-	-	1,288
19			Libby	-	-	-	-	-	-	98
20			Little Goose	-	-	-	-	-	-	1,724
21			Lookout Dam	-	-	-	-	-	-	63
22			Lost Creek	-	-	-	-	-	-	1
23			Lower Granite	-	-	-	-	-	-	5,229
24			Lower Monument	-	-	-	-	-	-	529
25			McNary	-	-	-	-	-	-	612
26			The Dalles	-	-	-	-	-	-	100
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	199,465
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	872
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	872
30		Appropriation Subtotal:		-	-	-	-	-	-	208,403
31	Interest Income	BPA Borrowing	(Less Interest Income)	(898)	(892)	(885)	(878)	(871)	(864)	(58,819)
32			BPA Borrowing Subtotal:	(898)	(892)	(885)	(878)	(871)	(864)	(58,819)
33			Interest Income Subtotal:	(898)	(892)	(885)	(878)	(871)	(864)	(58,819)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	74,084
35			Interest Accrual	-	-	-	-	-	-	12,165
36			Interest Accrual Reversal	-	-	-	-	-	-	(15,517)
37			Conservation	-	-	-	-	-	-	4,423
38			Construction (AS)	-	-	-	-	-	-	3,819
39			Corps	-	-	-	-	-	-	139,377
40			Interest Accrual	-	-	-	-	-	-	25,418
41			Interest Accrual Reversal	-	-	-	-	-	-	(28,567)
42			Fish and Wildlife	-	-	-	-	-	-	39,460
43			Interest Accrual	-	-	-	-	-	-	3,491
44			Interest Accrual Reversal	-	-	-	-	-	-	(4,599)
45			Technology (G)	-	-	-	-	-	-	2,544
46			Interest Accrual	-	-	-	-	-	-	143
47			Interest Accrual Reversal	-	-	-	-	-	-	(209)
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	256,033
49		Federal Generation Replacements	Replacements	147,211	150,689	154,311	158,085	162,015	166,109	5,196,406
50			Federal Generation Replacements Subtotal:	147,211	150,689	154,311	158,085	162,015	166,109	5,196,406
51		Treasury Subtotal:		147,211	150,689	154,311	158,085	162,015	166,109	5,452,439
52	Grand Total:			146,313	149,797	153,426	157,206	161,144	165,245	5,602,023

**TABLE 12E
SUMMARY OF AMORTIZATION
FY 2025
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	32	7,299	-	2,928	-	13,165	-	-
4			Hungry Horse Dam	-	-	-	-	-	4	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	15,518	-	145	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	9	1,099	-	-	-	1	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	15,563	8,398	145	2,928	-	13,166	-	-
8		Corps of Engineers	Albeni Falls	-	42	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	4,169	-	-	10,963	-	838	268	-	-	-	-	-
10			Chief Joseph	-	24,727	-	-	4	28	-	10	-	-	-	-	-
11			Columbia River Fish Mitigation	-	173,479	-	-	279,925	132,972	201,161	51,628	119,307	18,733	1,574	-	80,420
12			Cougar	-	180	-	-	293	139	2	4,088	269	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	18	-	560	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	29	-	-	2
15			Green Peter/Foster	-	-	-	-	472	97	79	-	-	1	-	-	-
16			Hills Creek	-	-	-	-	12	142	-	-	-	-	-	-	-
17			Ice Harbor	-	207	-	-	819	3,290	1,188	-	-	-	-	-	-
18			John Day	-	356	-	-	175	6,050	-	-	-	-	-	-	-
19			Libby	-	40	-	-	152	16	-	282	-	5	-	-	-
20			Little Goose	-	30	-	-	-	-	66	2,707	-	5,504	-	-	7
21			Lookout Dam	-	-	-	-	17	294	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	7	-	-	-	-	-	-	-	-
23			Lower Granite	-	1,603	-	-	2,653	1,597	1,878	-	-	18,822	-	-	423
24			Lower Monument	-	-	-	-	1,430	89	155	-	942	-	-	-	-
25			McNary	-	-	-	-	1,324	11	1,479	-	239	-	-	-	-
26			The Dalles	-	-	-	-	-	302	162	15	10	-	-	-	-
27			Corps of Engineers Subtotal:	-	204,832	-	-	298,262	145,026	207,568	58,998	120,767	43,093	1,574	-	80,852
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	1,545	-	-	343	-	1,256	1,608	295	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	1,545	-	-	343	-	1,256	1,608	295	-	-	-	-
30		Appropriation Subtotal:		-	206,378	-	-	298,605	160,589	217,223	60,752	123,990	43,093	14,740	-	80,852
31	Bond	BPA Borrowing	Bureau Direct	189,500	77,000	59,500	34,700	8,000	50,800	12,000	26,000	26,000	64,000	73,447	49,573	21,980
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	97,000	-	6,000	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	4,200	-	10,400	-	15,748	3,052	9,800	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	67,300	102,700	283,900	405,900	22,000	64,000	40,000	125,393	-	38,725	105,275	138,000	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	49,000	54,922	77,200	400	78,600	88,078	8,000	8,198	29,802	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	5,000	-	-	10,900	-	2,800	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	407,000	239,622	437,000	441,000	135,248	205,930	72,600	159,591	55,802	102,725	178,722	187,573	21,980
50		Federal Generation Replacements	Replacements	-	-	-	-	-	-	-	-	-	-	-	-	64,479
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	64,479
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		407,000	239,622	437,000	441,000	135,248	205,930	72,600	159,591	55,802	102,725	178,722	187,573	86,460
57	Irrigation	Irrigation Assistance	Irrigation Assistance	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
58			Irrigation Assistance Subtotal:	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
59		Irrigation Subtotal:		8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
60	Grand Total:			415,275	459,216	457,662	447,370	445,487	370,584	291,819	231,541	179,792	150,165	193,462	195,831	196,232

**TABLE 12E
SUMMARY OF AMORTIZATION
FY 2025
(\$000s)**

	A	B	C	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1	Obligation Type	General Project	Specific Project	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation Replacements	Replacements	183,552	204,401	195,120	213,312	143,046	218,933	324,372	531,211	212,963	223,880	222,672	221,418	220,109
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	183,552	204,401	195,120	213,312	143,046	218,933	324,372	531,211	212,963	223,880	222,672	221,418	220,109
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		183,552	204,401	195,120	213,312	143,046	218,933	324,372	531,211	212,963	223,880	222,672	221,418	220,109
57	Irrigation	Irrigation Assistance	Irrigation Assistance	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
58			Irrigation Assistance Subtotal:	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
59		Irrigation Subtotal:		16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
60	Grand Total:			199,570	204,401	209,084	213,312	216,705	218,933	324,372	531,211	225,284	223,880	222,672	221,418	220,109

**TABLE 12E
SUMMARY OF AMORTIZATION
FY 2025
(\$000s)**

	A	B	C	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP
1	Obligation Type	General Project	Specific Project	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation Replacements	Replacements	218,747	217,328	215,849	214,308	212,703	211,031	209,293	207,480	205,590	203,619	201,570	199,435	197,213
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	218,747	217,328	215,849	214,308	212,703	211,031	209,293	207,480	205,590	203,619	201,570	199,435	197,213
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		218,747	217,328	215,849	214,308	212,703	211,031	209,293	207,480	205,590	203,619	201,570	199,435	197,213
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
60	Grand Total:			218,747	217,328	215,849	214,308	212,703	211,031	209,293	207,480	205,590	203,619	201,570	199,435	197,213

**TABLE 12E
SUMMARY OF AMORTIZATION
FY 2025
(\$000s)**

	A	B	C	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB
1	Obligation Type	General Project	Specific Project	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation Replacements	Replacements	194,896	192,482	189,970	187,352	184,623	181,785	178,825	175,743	172,531	169,184	165,702	162,072
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-
53			Federal Generation Replacements Subtotal:	194,896	192,482	189,970	187,352	184,623	181,785	178,825	175,743	172,531	169,184	165,702	162,072
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		194,896	192,482	189,970	187,352	184,623	181,785	178,825	175,743	172,531	169,184	165,702	162,072
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-
60	Grand Total:			194,896	192,482	189,970	187,352	184,623	181,785	178,825	175,743	172,531	169,184	165,702	162,072

**TABLE 12E
SUMMARY OF AMORTIZATION
FY 2025
(\$000s)**

	A	B	C	BC	BD	BE	BF
1	Obligation Type	General Project	Specific Project	2075	2076	2077	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	
3			Columbia Basin	-	-	-	23,424
4			Hungry Horse Dam	-	-	-	4
5			Minidoka/Palisades	-	-	-	15,664
6			RRP - Green Springs	-	-	-	1,109
7			Bureau of Reclamation Subtotal:	-	-	-	40,202
8		Corps of Engineers	Albeni Falls	-	-	-	42
9			Bonneville Dam	-	-	-	16,237
10			Chief Joseph	-	-	-	24,769
11			Columbia River Fish Mitigation	-	-	-	1,059,199
12			Cougar	-	-	-	4,971
13			Detroit Lake/Big Cliff	-	-	-	578
14			Dworshak	-	-	-	31
15			Green Peter/Foster	-	-	-	648
16			Hills Creek	-	-	-	154
17			Ice Harbor	-	-	-	5,503
18			John Day	-	-	-	6,580
19			Libby	-	-	-	494
20			Little Goose	-	-	-	8,314
21			Lookout Dam	-	-	-	311
22			Lost Creek	-	-	-	7
23			Lower Granite	-	-	-	26,975
24			Lower Monument	-	-	-	2,617
25			McNary	-	-	-	3,052
26			The Dalles	-	-	-	489
27			Corps of Engineers Subtotal:	-	-	-	1,160,973
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	5,049
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	5,049
30		Appropriation Subtotal:		-	-	-	1,206,223
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	692,500
32			Principal Accrual	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-
34			Conservation	-	-	-	103,000
35			Principal Accrual	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-
37			Construction (AS)	-	-	-	43,200
38			Principal Accrual	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-
40			Corps	-	-	-	1,393,193
41			Principal Accrual	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-
43			Fish and Wildlife	-	-	-	394,200
44			Principal Accrual	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-
46			Technology (G)	-	-	-	18,700
47			Principal Accrual	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	2,644,793
50		Federal Generation Replacements	Replacements	158,291	154,355	150,256	8,511,701
51			Principal Accrual	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-
53			Federal Generation Replacements Subtotal:	158,291	154,355	150,256	8,511,701
54		Make Whole Call	Premiums	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-
56		Bond Subtotal:		158,291	154,355	150,256	11,156,494
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	234,903
58			Irrigation Assistance Subtotal:	-	-	-	234,903
59		Irrigation Subtotal:		-	-	-	234,903
60	Grand Total:			158,291	154,355	150,256	12,597,619

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13. REPAYMENT STUDY DATA, FY 2028 STUDY

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1995	09/2045	7.150%	1,105	0		
2	Albeni Falls	09/1995	09/2045	7.150%	443	0		
3	Albeni Falls	09/1995	09/2045	7.150%	531	0		
4	Albeni Falls	09/1997	09/2047	7.150%	431	0		
5	Albeni Falls	09/2005	09/2055	5.125%	481	0		
6	Albeni Falls	09/2009	09/2059	4.375%	57	0		
7	Albeni Falls	09/2010	09/2060	4.250%	42	42		
8	Boise	09/1996	09/2046	6.950%	7	0		
9	Boise	09/1996	09/2046	7.150%	442	0		
10	Boise	09/1996	09/2046	7.150%	656	0		
11	Boise	09/1997	09/2047	6.950%	9	0		
12	Boise	09/1997	09/2047	7.150%	2,266	0		
13	Boise	09/2005	09/2055	5.125%	903	0		
14	Boise	09/2006	09/2056	4.500%	15	0		
15	Boise	09/2007	09/2057	5.000%	76	0		
16	Boise	09/2008	09/2058	4.875%	64	0		
17	Boise	09/2009	09/2059	4.375%	2	0		
18	Boise	09/2015	09/2065	3.250%	0	0		
19	Boise	09/2016	09/2066	3.000%	118			
20	Boise	09/2018	09/2068	2.750%		0		
21	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
22	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
23	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
24	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
25	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
26	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
27	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
28	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
29	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
30	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
31	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
32	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
33	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
34	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
35	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
36	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
37	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
38	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
39	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
40	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
41	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
42	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
43	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
44	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
45	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
46	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
47	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
48	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
49	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
50	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
51	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
52	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
53	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
54	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
55	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
56	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
57	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
58	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
59	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
60	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
61	Bonneville Dam	09/1997	09/2047	7.150%	161	0		
62	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
63	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
64	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
65	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
66	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
67	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
68	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
69	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
70	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
71	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
72	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
73	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
74	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
75	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
76	Bonneville Dam	09/2014	09/2064	3.875%				
77	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
78	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
79	Chief Joseph	09/1977	09/2027	7.150%	30,512	0		
80	Chief Joseph	09/1978	09/2028	7.150%	75,669	0		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
81	Chief Joseph	09/1979	09/2029	7.150%	60,079	0		
82	Chief Joseph	09/1985	09/2029	7.150%	16,372	0		
83	Chief Joseph	09/1986	09/2029	7.150%	5,363	0		
84	Chief Joseph	09/1987	09/2029	7.150%	3,036	0		
85	Chief Joseph	09/1988	09/2029	7.150%	2,722	0		
86	Chief Joseph	09/1989	09/2029	7.150%	2,227	0		
87	Chief Joseph	09/1990	09/2029	7.150%	4,505	0		
88	Chief Joseph	09/1991	09/2029	8.750%	3,840	0		
89	Chief Joseph	09/1992	09/2029	8.500%	2,032	0		
90	Chief Joseph	09/1993	09/2029	7.875%	1,360	0		
91	Chief Joseph	09/1994	09/2029	7.125%	129	0		
92	Chief Joseph	09/1994	09/2029	7.125%	65	0		
93	Chief Joseph	09/1994	09/2044	7.150%	4,280	0		
94	Chief Joseph	09/1995	09/2045	7.150%	147	0		
95	Chief Joseph	09/1995	09/2045	7.150%	562	0		
96	Chief Joseph	09/1995	09/2045	7.150%	712	0		
97	Chief Joseph	09/1995	09/2045	7.150%	784	0		
98	Chief Joseph	09/1996	09/2031	7.150%	27	0		
99	Chief Joseph	09/1996	09/2046	7.150%	3	0		
100	Chief Joseph	09/1996	09/2046	7.150%	4	0		
101	Chief Joseph	09/1996	09/2046	7.150%	355	0		
102	Chief Joseph	09/1996	09/2046	7.150%	729	0		
103	Chief Joseph	09/1997	09/2032	7.150%	166	0		
104	Chief Joseph	09/1997	09/2047	7.150%	657	0		
105	Chief Joseph	09/2001	09/2051	5.875%	345	0		
106	Chief Joseph	09/2002	09/2052	5.500%	2	0		
107	Chief Joseph	09/2003	09/2053	5.125%	992	0		
108	Chief Joseph	09/2008	09/2058	4.875%	3,500	0		
109	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
110	Chief Joseph	09/2011	09/2061	3.750%	4	4		
111	Chief Joseph	09/2012	09/2062	3.375%	28	28		
112	Chief Joseph	09/2013	09/2063	2.875%	10	10		
113	Columbia Basin	09/1995	09/2020	7.250%	206	0		
114	Columbia Basin	09/1995	09/2030	7.150%	25	0		
115	Columbia Basin	09/1995	09/2030	7.860%	270	0		
116	Columbia Basin	09/1995	09/2030	7.860%	321	0		
117	Columbia Basin	09/1995	09/2030	7.860%	323	0		
118	Columbia Basin	09/1995	09/2030	7.860%	20	0		
119	Columbia Basin	09/1995	09/2045	7.150%	287	0		
120	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
121	Columbia Basin	09/1995	09/2045	7.860%	450	0		
122	Columbia Basin	09/1995	09/2045	7.860%	450	0		
123	Columbia Basin	09/1996	09/2026	7.150%	72	0		
124	Columbia Basin	09/1996	09/2031	7.150%	109	0		
125	Columbia Basin	09/1996	09/2031	7.150%	251	0		
126	Columbia Basin	09/1996	09/2046	7.150%	426	0		
127	Columbia Basin	09/1996	09/2046	7.150%	368	0		
128	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
129	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		
130	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
131	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
132	Columbia Basin	09/2007	09/2057	5.000%	929	0		
133	Columbia Basin	09/2008	09/2058	4.875%	835	0		
134	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
135	Columbia Basin	09/2010	09/2060	4.250%	877	0		
136	Columbia Basin	09/2011	09/2061	3.750%	1,723	0		
137	Columbia Basin	09/2012	09/2062	3.375%	11	0		
138	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
139	Columbia Basin	09/2014	09/2064	3.875%	0	0		
140	Columbia Basin	09/2015	09/2065	3.250%	0	0		
141	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
142	Columbia Basin	09/2018	09/2068	2.750%	17	0		
143	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
144	Columbia Basin	09/2020	09/2070	2.125%	202	63		
145	Columbia Basin	09/2022	09/2072	1.875%	13,165	13,165		
146	Columbia Basin	09/2023	09/2073	3.375%	32	32		
147	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
148	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
149	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
150	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
151	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
152	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
153	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
154	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
155	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
156	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
157	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
158	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
159	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
160	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
161	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
162	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
163	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
164	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
165	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
166	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
167	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
168	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
169	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
170	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
171	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
172	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
173	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
174	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
175	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
176	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
177	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
178	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
179	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
180	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
181	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
182	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
183	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		
184	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
185	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
186	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
187	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	0		
188	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
189	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
190	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
191	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
192	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
193	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
194	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
195	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
196	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
197	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
198	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
199	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
200	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
201	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
202	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		
203	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,574	1,574		
204	Columbia River Fish Mitigation	09/2023	09/2073	3.375%	4,472	4,472		
205	Cougar	09/1997	09/2047	7.150%	26	0		
206	Cougar	09/2004	09/2054	5.375%	3,622	0		
207	Cougar	09/2005	09/2055	5.125%	8,130	0		
208	Cougar	09/2006	09/2056	4.500%	109	0		
209	Cougar	09/2007	09/2057	5.000%	120	0		
210	Cougar	09/2009	09/2059	4.375%	121	121		
211	Cougar	09/2010	09/2060	4.250%	59	59		
212	Cougar	09/2011	09/2061	3.750%	282	282		
213	Cougar	09/2012	09/2062	3.375%	139	139		
214	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
215	Cougar	09/2014	09/2064	3.875%	12	12		
216	Cougar	09/2016	09/2066	3.000%	2	2		
217	Cougar	09/2017	09/2067	2.375%	2	2		
218	Cougar	09/2020	09/2070	2.125%	267	267		
219	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
220	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
221	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
222	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
223	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
224	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
225	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
226	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
227	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
228	Dworshak	09/1973	09/2023	7.190%	138,443	0		
229	Dworshak	09/1973	09/2023	7.190%	836	0		
230	Dworshak	09/1974	09/2023	7.190%	515	0		
231	Dworshak	09/1974	09/2023	7.190%	3	0		
232	Dworshak	09/1975	09/2023	7.190%	518	0		
233	Dworshak	09/1975	09/2023	7.190%	3	0		
234	Dworshak	09/1976	09/2023	7.190%	518	0		
235	Dworshak	09/1976	09/2023	7.190%	3	0		
236	Dworshak	09/1977	09/2023	7.190%	518	0		
237	Dworshak	09/1977	09/2023	7.190%	3	0		
238	Dworshak	09/1978	09/2023	7.190%	518	0		
239	Dworshak	09/1978	09/2023	7.190%	3	0		
240	Dworshak	09/1979	09/2023	7.190%	518	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
241	Dworshak	09/1979	09/2023	7.190%	3	0		
242	Dworshak	09/1980	09/2023	7.190%	518	0		
243	Dworshak	09/1980	09/2023	7.190%	3	0		
244	Dworshak	09/1981	09/2023	7.190%	518	0		
245	Dworshak	09/1981	09/2023	7.190%	3	0		
246	Dworshak	09/1982	09/2023	7.190%	518	0		
247	Dworshak	09/1982	09/2023	7.190%	3	0		
248	Dworshak	09/1983	09/2023	7.190%	523	0		
249	Dworshak	09/1983	09/2023	7.190%	3	0		
250	Dworshak	09/1984	09/2023	10.750%	2,499	0		
251	Dworshak	09/1984	09/2023	10.750%	15	0		
252	Dworshak	09/1985	09/2023	7.190%	1,141	0		
253	Dworshak	09/1986	09/2023	7.190%	197	0		
254	Dworshak	09/1987	09/2023	7.190%	36	0		
255	Dworshak	09/1987	09/2023	8.875%	65	0		
256	Dworshak	09/1988	09/2023	8.500%	61	0		
257	Dworshak	09/1989	09/2023	9.250%	63	0		
258	Dworshak	09/1990	09/2023	8.875%	245	0		
259	Dworshak	09/1990	09/2023	8.875%	24	0		
260	Dworshak	09/1991	09/2023	8.750%	224	0		
261	Dworshak	09/1992	09/2023	2.625%	4	0		
262	Dworshak	09/1992	09/2023	8.500%	28	0		
263	Dworshak	09/1992	09/2023	8.500%	24	0		
264	Dworshak	09/1993	09/2023	7.875%	41	0		
265	Dworshak	09/1993	09/2023	7.875%	1,872	0		
266	Dworshak	09/1994	09/2029	7.125%	1,351	0		
267	Dworshak	09/1994	09/2029	7.125%	964	0		
268	Dworshak	09/1995	09/2020	7.930%	55	0		
269	Dworshak	09/1995	09/2030	7.150%	218	0		
270	Dworshak	09/1995	09/2045	7.150%	1,162	0		
271	Dworshak	09/1996	09/2021	7.230%	26	0		
272	Dworshak	09/1996	09/2021	7.230%	184	0		
273	Dworshak	09/1996	09/2031	7.150%	6	0		
274	Dworshak	09/1996	09/2031	7.150%	203	0		
275	Dworshak	09/1996	09/2046	7.150%	3	0		
276	Dworshak	09/1996	09/2046	7.150%	4	0		
277	Dworshak	09/1996	09/2046	7.150%	46	0		
278	Dworshak	09/1997	09/2047	7.150%	7,588	0		
279	Dworshak	09/1999	09/2049	5.375%	630	0		
280	Dworshak	09/2002	09/2052	5.500%	199	0		
281	Dworshak	09/2003	09/2053	5.125%	761	0		
282	Dworshak	09/2005	09/2055	5.125%	713	0		
283	Dworshak	09/2006	09/2056	4.500%	73	0		
284	Dworshak	09/2008	09/2058	4.875%	10	0		
285	Dworshak	09/2009	09/2059	4.375%	2,307	0		
286	Dworshak	09/2014	09/2064	3.875%	50	0		
287	Dworshak	09/2020	09/2070	2.125%	29	29		
288	Dworshak	09/2021	09/2071	1.375%	2	2		
289	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
290	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
291	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
292	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
293	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
294	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
295	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
296	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
297	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
298	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
299	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
300	Hills Creek	09/1996	09/2046	7.150%	28	0		
301	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
302	Hills Creek	09/2001	09/2051	5.875%	8	0		
303	Hills Creek	09/2002	09/2052	5.500%	2	0		
304	Hills Creek	09/2005	09/2055	5.125%	46	0		
305	Hills Creek	09/2011	09/2061	3.750%	12	12		
306	Hills Creek	09/2012	09/2062	3.375%	142	142		
307	Hills Creek	09/2022	09/2072	1.875%	0	0		
308	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0		
309	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0		
310	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0		
311	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0		
312	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0		
313	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0		
314	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0		
315	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0		
316	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0		
317	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0		
318	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0		
319	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0		
320	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
321	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0		
322	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0		
323	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0		
324	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0		
325	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0		
326	Hungry Horse Dam	09/2023	09/2073	3.375%	4	4		
327	Ice Harbor	09/1976	09/2026	7.150%	20,472	0		
328	Ice Harbor	09/1976	09/2026	7.150%	228	0		
329	Ice Harbor	09/1985	09/2026	7.150%	21	0		
330	Ice Harbor	09/1994	09/2029	7.125%	328	0		
331	Ice Harbor	09/1994	09/2029	7.125%	520	0		
332	Ice Harbor	09/1996	09/2031	7.150%	78	0		
333	Ice Harbor	09/1996	09/2041	7.150%	371	0		
334	Ice Harbor	09/1997	09/2022	7.230%	66	0		
335	Ice Harbor	09/1997	09/2047	7.150%	67	0		
336	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
337	Ice Harbor	09/2000	09/2050	6.125%	548	0		
338	Ice Harbor	09/2001	09/2051	5.875%	764	0		
339	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
340	Ice Harbor	09/2003	09/2053	5.125%	50	0		
341	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
342	Ice Harbor	09/2008	09/2058	4.875%	14	0		
343	Ice Harbor	09/2009	09/2059	4.375%	2,615	0		
344	Ice Harbor	09/2010	09/2060	4.250%	207	207		
345	Ice Harbor	09/2011	09/2061	3.750%	819	819		
346	Ice Harbor	09/2012	09/2062	3.375%	115	115		
347	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
348	Ice Harbor	09/2016	09/2066	3.000%	558	558		
349	Ice Harbor	09/2019	09/2069	3.125%	630	630		
350	John Day	09/1970	09/2020	7.250%	23,656	0		
351	John Day	09/1971	09/2021	7.230%	34,974	0		
352	John Day	09/1972	09/2022	7.210%	11,502	0		
353	John Day	09/1984	09/2022	10.750%	3,677	0		
354	John Day	09/1985	09/2022	7.210%	6,490	0		
355	John Day	09/1985	09/2022	12.375%	1,209	0		
356	John Day	09/1986	09/2022	7.210%	3,227	0		
357	John Day	09/1986	09/2022	11.375%	713	0		
358	John Day	09/1987	09/2022	7.210%	706	0		
359	John Day	09/1987	09/2022	8.875%	4,353	0		
360	John Day	09/1988	09/2022	8.500%	332	0		
361	John Day	09/1988	09/2022	8.500%	199	0		
362	John Day	09/1989	09/2022	7.210%	30	0		
363	John Day	09/1989	09/2022	9.250%	377	0		
364	John Day	09/1990	09/2022	7.210%	37	0		
365	John Day	09/1990	09/2022	8.875%	543	0		
366	John Day	09/1991	09/2022	8.750%	13,218	0		
367	John Day	09/1991	09/2022	8.750%	144	0		
368	John Day	09/1992	09/2022	7.210%	19	0		
369	John Day	09/1992	09/2022	8.500%	95	0		
370	John Day	09/1993	09/2022	7.875%	7,810	0		
371	John Day	09/1993	09/2022	7.875%	9,585	0		
372	John Day	09/1994	09/2029	7.125%	1,252	0		
373	John Day	09/1995	09/2020	7.250%	79	0		
374	John Day	09/1995	09/2035	7.150%	22	0		
375	John Day	09/1995	09/2035	7.150%	52	0		
376	John Day	09/1995	09/2035	7.150%	121	0		
377	John Day	09/1995	09/2045	7.150%	37	0		
378	John Day	09/1995	09/2045	7.150%	608	0		
379	John Day	09/1995	09/2045	7.150%	7,653	0		
380	John Day	09/1997	09/2022	7.230%	133	0		
381	John Day	09/1997	09/2047	7.150%	179	0		
382	John Day	09/1999	09/2049	5.375%	3,510	0		
383	John Day	09/2000	09/2050	6.125%	2,761	0		
384	John Day	09/2001	09/2051	5.875%	619	0		
385	John Day	09/2004	09/2054	5.375%	2,830	0		
386	John Day	09/2005	09/2055	5.125%	2,827	0		
387	John Day	09/2006	09/2056	4.500%	601	0		
388	John Day	09/2007	09/2057	5.000%	233	0		
389	John Day	09/2009	09/2059	4.375%	1,548	0		
390	John Day	09/2010	09/2060	4.250%	356	356		
391	John Day	09/2011	09/2061	3.750%	175	175		
392	John Day	09/2012	09/2062	3.375%	6,161	6,050		
393	John Day	09/2013	09/2063	2.875%	17	0		
394	John Day	09/2015	09/2065	3.250%	163	0		
395	Libby	09/1975	09/2025	7.160%	54,644	0		
396	Libby	09/1976	09/2026	7.150%	153,432	0		
397	Libby	09/1977	09/2026	7.150%	1,465	0		
398	Libby	09/1978	09/2026	7.150%	1,465	0		
399	Libby	09/1979	09/2026	7.150%	1,465	0		
400	Libby	09/1980	09/2026	7.150%	1,465	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
401	Libby	09/1981	09/2026	7.150%	1,465	0		
402	Libby	09/1982	09/2026	7.150%	1,465	0		
403	Libby	09/1983	09/2026	7.150%	1,465	0		
404	Libby	09/1984	09/2026	10.750%	104	0		
405	Libby	09/1985	09/2026	7.150%	518	0		
406	Libby	09/1986	09/2026	7.150%	283	0		
407	Libby	09/1987	09/2026	7.150%	2	0		
408	Libby	09/1988	09/2026	8.505%	35	0		
409	Libby	09/1988	09/2038	7.150%	18,043	0		
410	Libby	09/1989	09/2026	7.150%	1	0		
411	Libby	09/1989	09/2026	9.250%	131	0		
412	Libby	09/1990	09/2026	8.875%	11	0		
413	Libby	09/1991	09/2026	8.750%	134	0		
414	Libby	09/1992	09/2026	8.500%	100	0		
415	Libby	09/1992	09/2026	8.500%	70	0		
416	Libby	09/1993	09/2026	7.875%	600	0		
417	Libby	09/1994	09/2029	7.125%	215	0		
418	Libby	09/1994	09/2029	7.150%	286	0		
419	Libby	09/1995	09/2030	7.150%	15	0		
420	Libby	09/1995	09/2030	7.150%	41	0		
421	Libby	09/1995	09/2030	7.150%	94	0		
422	Libby	09/1997	09/2022	7.230%	432	0		
423	Libby	09/1997	09/2047	7.150%	660	0		
424	Libby	09/2001	09/2051	5.875%	5,562	0		
425	Libby	09/2008	09/2058	4.875%	1,567	0		
426	Libby	09/2010	09/2060	4.250%	40	40		
427	Libby	09/2011	09/2061	3.750%	152	152		
428	Libby	09/2012	09/2062	3.375%	16	16		
429	Libby	09/2018	09/2068	2.750%	282	282		
430	Libby	09/2020	09/2070	2.125%	5	5		
431	Little Goose	09/1970	09/2020	7.250%	22,326	0		
432	Little Goose	09/1971	09/2021	7.230%	42,962	0		
433	Little Goose	09/1972	09/2021	7.230%	28	0		
434	Little Goose	09/1973	09/2021	7.230%	29	0		
435	Little Goose	09/1974	09/2021	7.230%	28	0		
436	Little Goose	09/1975	09/2021	7.230%	29	0		
437	Little Goose	09/1976	09/2021	7.230%	28	0		
438	Little Goose	09/1977	09/2021	7.230%	29	0		
439	Little Goose	09/1978	09/2021	7.230%	28	0		
440	Little Goose	09/1978	09/2028	7.150%	49,578	0		
441	Little Goose	09/1979	09/2021	7.230%	29	0		
442	Little Goose	09/1980	09/2021	7.230%	28	0		
443	Little Goose	09/1981	09/2021	7.230%	29	0		
444	Little Goose	09/1982	09/2021	7.230%	28	0		
445	Little Goose	09/1983	09/2021	7.230%	29	0		
446	Little Goose	09/1984	09/2021	10.750%	201	0		
447	Little Goose	09/1985	09/2021	7.230%	174	0		
448	Little Goose	09/1985	09/2028	7.150%	47	0		
449	Little Goose	09/1986	09/2021	7.230%	239	0		
450	Little Goose	09/1987	09/2021	7.230%	6	0		
451	Little Goose	09/1987	09/2021	8.875%	72	0		
452	Little Goose	09/1988	09/2021	8.500%	12	0		
453	Little Goose	09/1988	09/2021	8.500%	68	0		
454	Little Goose	09/1989	09/2021	9.250%	77	0		
455	Little Goose	09/1990	09/2021	8.875%	408	0		
456	Little Goose	09/1990	09/2021	8.875%	21	0		
457	Little Goose	09/1991	09/2021	8.750%	266	0		
458	Little Goose	09/1992	09/2021	8.500%	66	0		
459	Little Goose	09/1992	09/2021	8.500%	27	0		
460	Little Goose	09/1993	09/2021	7.875%	276	0		
461	Little Goose	09/1993	09/2021	7.875%	3,359	0		
462	Little Goose	09/1994	09/2029	7.125%	2,044	0		
463	Little Goose	09/1995	09/2040	7.150%	17	0		
464	Little Goose	09/1995	09/2040	7.150%	450	0		
465	Little Goose	09/1995	09/2040	7.150%	733	0		
466	Little Goose	09/1996	09/2046	7.150%	10	0		
467	Little Goose	09/1996	09/2046	7.150%	10	0		
468	Little Goose	09/1996	09/2046	7.150%	211	0		
469	Little Goose	09/1996	09/2046	7.150%	241	0		
470	Little Goose	09/1996	09/2046	7.150%	520	0		
471	Little Goose	09/1996	09/2046	7.150%	3,909	0		
472	Little Goose	09/1997	09/2047	7.150%	1	0		
473	Little Goose	09/2001	09/2051	5.875%	4,608	0		
474	Little Goose	09/2002	09/2052	5.500%	27	0		
475	Little Goose	09/2003	09/2053	5.125%	146	0		
476	Little Goose	09/2004	09/2054	5.375%	67	0		
477	Little Goose	09/2008	09/2058	4.875%	13	0		
478	Little Goose	09/2009	09/2059	4.375%	3,171	0		
479	Little Goose	09/2010	09/2060	4.250%	30	30		
480	Little Goose	09/2013	09/2063	2.875%	66	66		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
481	Little Goose	09/2018	09/2068	2.750%	2,707	2,707		
482	Little Goose	09/2020	09/2070	2.125%	5,504	5,504		
483	Little Goose	09/2021	09/2071	1.375%	7	7		
484	Lookout Dam	09/1995	09/2045	7.150%	80	0		
485	Lookout Dam	09/1995	09/2045	7.150%	33	0		
486	Lookout Dam	09/1995	09/2045	7.860%	9	0		
487	Lookout Dam	09/1995	09/2045	7.860%	15	0		
488	Lookout Dam	09/1995	09/2045	7.860%	31	0		
489	Lookout Dam	09/1995	09/2045	7.860%	157	0		
490	Lookout Dam	09/2000	09/2050	6.125%	5,098	0		
491	Lookout Dam	09/2003	09/2053	5.125%	135	0		
492	Lookout Dam	09/2005	09/2055	5.125%	7,355	0		
493	Lookout Dam	09/2007	09/2057	5.000%	572	0		
494	Lookout Dam	09/2011	09/2061	3.750%	17	17		
495	Lookout Dam	09/2012	09/2062	3.375%	294	294		
496	Lost Creek	09/1977	09/2027	7.150%	14,293	0		
497	Lost Creek	09/1978	09/2027	7.150%	58	0		
498	Lost Creek	09/1979	09/2027	7.150%	60	0		
499	Lost Creek	09/1980	09/2027	7.150%	60	0		
500	Lost Creek	09/1981	09/2027	7.150%	60	0		
501	Lost Creek	09/1982	09/2027	7.150%	60	0		
502	Lost Creek	09/1983	09/2027	7.150%	60	0		
503	Lost Creek	09/1984	09/2027	10.750%	243	0		
504	Lost Creek	09/1985	09/2027	7.150%	12	0		
505	Lost Creek	09/1986	09/2027	7.150%	6	0		
506	Lost Creek	09/1986	09/2027	11.375%	5	0		
507	Lost Creek	09/1987	09/2027	7.150%	4	0		
508	Lost Creek	09/1987	09/2027	8.875%	3	0		
509	Lost Creek	09/1988	09/2027	8.500%	7	0		
510	Lost Creek	09/1989	09/2027	9.250%	9	0		
511	Lost Creek	09/1990	09/2027	8.875%	1	0		
512	Lost Creek	09/1991	09/2027	8.750%	31	0		
513	Lost Creek	09/1992	09/2027	8.500%	1	0		
514	Lost Creek	09/1992	09/2027	8.500%	1	0		
515	Lost Creek	09/1993	09/2027	7.875%	1	0		
516	Lost Creek	09/1993	09/2027	7.875%	14	0		
517	Lost Creek	09/1995	09/2045	7.150%	94	0		
518	Lost Creek	09/1996	09/2031	7.150%	31	0		
519	Lost Creek	09/1996	09/2046	7.150%	24	0		
520	Lost Creek	09/2001	09/2051	5.875%	147	0		
521	Lost Creek	09/2011	09/2061	3.750%	7	7		
522	Lower Granite	09/1975	09/2025	7.160%	119,237	0		
523	Lower Granite	09/1976	09/2025	7.160%	510	0		
524	Lower Granite	09/1977	09/2025	7.160%	510	0		
525	Lower Granite	09/1978	09/2025	7.160%	510	0		
526	Lower Granite	09/1978	09/2028	7.150%	40,611	0		
527	Lower Granite	09/1979	09/2025	7.160%	510	0		
528	Lower Granite	09/1980	09/2025	7.160%	510	0		
529	Lower Granite	09/1981	09/2025	7.160%	510	0		
530	Lower Granite	09/1982	09/2025	7.160%	510	0		
531	Lower Granite	09/1983	09/2025	7.160%	510	0		
532	Lower Granite	09/1984	09/2025	10.750%	311	0		
533	Lower Granite	09/1985	09/2025	7.160%	328	0		
534	Lower Granite	09/1986	09/2025	7.160%	215	0		
535	Lower Granite	09/1986	09/2025	11.375%	4	0		
536	Lower Granite	09/1987	09/2025	7.160%	8	0		
537	Lower Granite	09/1987	09/2025	8.875%	60	0		
538	Lower Granite	09/1988	09/2025	8.500%	22	0		
539	Lower Granite	09/1988	09/2025	8.500%	95	0		
540	Lower Granite	09/1989	09/2025	9.250%	112	0		
541	Lower Granite	09/1990	09/2025	8.875%	392	0		
542	Lower Granite	09/1991	09/2025	8.750%	281	0		
543	Lower Granite	09/1991	09/2025	8.750%	6	0		
544	Lower Granite	09/1992	09/2025	8.500%	83	0		
545	Lower Granite	09/1992	09/2025	8.500%	121	0		
546	Lower Granite	09/1993	09/2025	7.875%	26	0		
547	Lower Granite	09/1993	09/2025	7.875%	3,272	0		
548	Lower Granite	09/1994	09/2029	7.150%	3,543	0		
549	Lower Granite	09/1995	09/2025	7.160%	96	0		
550	Lower Granite	09/1996	09/2031	7.150%	206	0		
551	Lower Granite	09/1996	09/2046	7.150%	9	0		
552	Lower Granite	09/1996	09/2046	7.150%	625	0		
553	Lower Granite	09/1997	09/2047	7.150%	677	0		
554	Lower Granite	09/1999	09/2049	5.375%	856	0		
555	Lower Granite	09/2001	09/2051	5.875%	2,025	0		
556	Lower Granite	09/2002	09/2052	5.500%	1,275	0		
557	Lower Granite	09/2003	09/2053	5.125%	42	0		
558	Lower Granite	09/2005	09/2055	5.125%	393	0		
559	Lower Granite	09/2008	09/2058	4.875%	24	0		
560	Lower Granite	09/2009	09/2059	4.375%	5,669	446		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
561	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156		
562	Lower Granite	09/2011	09/2061	3.750%	8	8		
563	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644		
564	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597		
565	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878		
566	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822		
567	Lower Granite	09/2021	09/2071	1.375%	423	423		
568	Lower Monument	09/1970	09/2020	7.250%	51,218	0		
569	Lower Monument	09/1971	09/2020	7.250%	214	0		
570	Lower Monument	09/1972	09/2020	7.250%	214	0		
571	Lower Monument	09/1973	09/2020	7.250%	214	0		
572	Lower Monument	09/1974	09/2020	7.250%	214	0		
573	Lower Monument	09/1975	09/2020	7.250%	214	0		
574	Lower Monument	09/1976	09/2020	7.250%	214	0		
575	Lower Monument	09/1977	09/2020	7.250%	214	0		
576	Lower Monument	09/1978	09/2020	7.250%	214	0		
577	Lower Monument	09/1979	09/2020	7.250%	214	0		
578	Lower Monument	09/1979	09/2029	7.150%	40,669	0		
579	Lower Monument	09/1980	09/2020	7.250%	214	0		
580	Lower Monument	09/1981	09/2020	7.250%	214	0		
581	Lower Monument	09/1982	09/2020	7.250%	214	0		
582	Lower Monument	09/1983	09/2020	7.250%	214	0		
583	Lower Monument	09/1985	09/2020	7.250%	8	0		
584	Lower Monument	09/1985	09/2029	7.150%	256	0		
585	Lower Monument	09/1986	09/2020	7.250%	132	0		
586	Lower Monument	09/1987	09/2020	7.250%	3	0		
587	Lower Monument	09/1987	09/2020	8.875%	50	0		
588	Lower Monument	09/1988	09/2020	8.500%	58	0		
589	Lower Monument	09/1988	09/2020	8.500%	1	0		
590	Lower Monument	09/1989	09/2020	9.250%	93	0		
591	Lower Monument	09/1990	09/2020	8.875%	358	0		
592	Lower Monument	09/1991	09/2020	8.750%	594	0		
593	Lower Monument	09/1992	09/2020	8.500%	4,484	0		
594	Lower Monument	09/1993	09/2020	7.875%	24	0		
595	Lower Monument	09/1993	09/2020	7.875%	2,175	0		
596	Lower Monument	09/1994	09/2029	7.125%	2,167	0		
597	Lower Monument	09/1995	09/2045	7.150%	41	0		
598	Lower Monument	09/1995	09/2045	7.150%	99	0		
599	Lower Monument	09/1995	09/2045	7.150%	624	0		
600	Lower Monument	09/1995	09/2045	7.150%	1,122	0		
601	Lower Monument	09/1996	09/2021	7.230%	37	0		
602	Lower Monument	09/1996	09/2021	7.230%	51	0		
603	Lower Monument	09/1996	09/2036	7.150%	264	0		
604	Lower Monument	09/1996	09/2046	7.150%	10	0		
605	Lower Monument	09/2001	09/2051	5.875%	3,301	0		
606	Lower Monument	09/2002	09/2052	5.500%	29	0		
607	Lower Monument	09/2003	09/2053	5.125%	22	0		
608	Lower Monument	09/2004	09/2054	5.375%	3,423	0		
609	Lower Monument	09/2005	09/2055	5.125%	527	0		
610	Lower Monument	09/2006	09/2056	4.500%	285	0		
611	Lower Monument	09/2008	09/2058	4.875%	9	0		
612	Lower Monument	09/2009	09/2059	4.375%	2,332	0		
613	Lower Monument	09/2012	09/2062	3.375%	89	89		
614	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430		
615	Lower Monument	09/2016	09/2066	3.000%	155	155		
616	Lower Monument	09/2017	09/2067	2.375%	942	942		
617	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0		
618	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0		
619	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0		
620	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0		
621	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0		
622	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0		
623	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0		
624	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0		
625	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0		
626	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0		
627	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0		
628	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0		
629	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0		
630	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0		
631	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0		
632	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0		
633	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0		
634	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	0		
635	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0		
636	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540		
637	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6		
638	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122		
639	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222		
640	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
641	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608		
642	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295		
643	McNary	09/1995	09/2045	7.150%	16	0		
644	McNary	09/1996	09/2026	7.150%	74	0		
645	McNary	09/1996	09/2026	7.150%	277	0		
646	McNary	09/1996	09/2046	7.150%	619	0		
647	McNary	09/1997	09/2032	7.150%	30	0		
648	McNary	09/2001	09/2051	5.875%	1,046	0		
649	McNary	09/2003	09/2053	5.125%	97	0		
650	McNary	09/2004	09/2054	5.375%	6,138	0		
651	McNary	09/2005	09/2055	5.125%	550	0		
652	McNary	09/2006	09/2056	4.500%	4,080	0		
653	McNary	09/2008	09/2058	4.875%	215	0		
654	McNary	09/2011	09/2061	3.750%	565	565		
655	McNary	09/2012	09/2062	3.375%	11	11		
656	McNary	09/2013	09/2063	2.875%	1,000	1,000		
657	McNary	09/2014	09/2064	3.875%	759	759		
658	McNary	09/2017	09/2067	2.375%	239	239		
659	McNary	09/2019	09/2069	3.125%	479	479		
660	Minidoka/Palises	09/1994	09/2029	7.125%	351	0		
661	Minidoka/Palises	09/1997	09/2047	7.150%	50,911	0		
662	Minidoka/Palises	09/2001	09/2051	5.875%	42	0		
663	Minidoka/Palises	09/2012	09/2062	3.375%	7	0		
664	Minidoka/Palises	09/2015	09/2065	3.250%	19,237	15,518		
665	Minidoka/Palises	09/2016	09/2066	3.000%	206	0		
666	Minidoka/Palises	09/2017	09/2067	2.375%	127	0		
667	Minidoka/Palises	09/2018	09/2068	2.750%	145	145		
668	Minidoka/Palises	09/2019	09/2069	3.125%		0		
669	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0		
670	RRP - Green Springs	09/2012	09/2062	3.375%	2	0		
671	RRP - Green Springs	09/2013	09/2063	2.875%		0		
672	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099		
673	RRP - Green Springs	09/2020	09/2070	2.125%	64	0		
674	RRP - Green Springs	09/2021	09/2071	1.375%	692	0		
675	RRP - Green Springs	09/2022	09/2072	1.875%	1	1		
676	RRP - Green Springs	09/2023	09/2073	3.375%	9	9		
677	The Dalles	09/1973	09/2023	7.190%	21,983	0		
678	The Dalles	09/1974	09/2024	7.170%	7,268	0		
679	The Dalles	09/1994	09/2029	7.125%	1,425	0		
680	The Dalles	09/1996	09/2046	7.150%	1,991	0		
681	The Dalles	09/2000	09/2050	6.125%	2,588	0		
682	The Dalles	09/2002	09/2052	5.500%	1,226	0		
683	The Dalles	09/2004	09/2054	5.375%	182	0		
684	The Dalles	09/2005	09/2055	5.125%	36,019	0		
685	The Dalles	09/2006	09/2056	4.500%	2,030	0		
686	The Dalles	09/2007	09/2057	5.000%	140	0		
687	The Dalles	09/2008	09/2058	4.875%	1,651	0		
688	The Dalles	09/2015	09/2065	3.250%	302	302		
689	The Dalles	09/2016	09/2066	3.000%	4	4		
690	The Dalles	09/2017	09/2067	2.375%	10	10		
691	The Dalles	09/2018	09/2068	2.750%	15	15		
692	The Dalles	09/2019	09/2069	3.125%	129	158		
693	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	1,068	0		
694	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	481	0		
695	Yakima Chandler/Kenniwick	09/1959	09/2022	7.210%	1	0		
696	Yakima Chandler/Kenniwick	09/1960	09/2022	7.210%	1	0		
697	Yakima Chandler/Kenniwick	09/1961	09/2022	7.210%	1	0		
698	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	10	0		
699	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	35	0		
700	Yakima Chandler/Kenniwick	09/1985	09/2022	12.375%	357	0		
701	Yakima Chandler/Kenniwick	09/1986	09/2022	7.210%	439	0		
702	Yakima Chandler/Kenniwick	09/1986	09/2022	11.375%	7	0		
703	Yakima Chandler/Kenniwick	09/1987	09/2022	8.875%	126	0		
704	Yakima Chandler/Kenniwick	09/1989	09/2022	9.250%	18	0		
705	Yakima Chandler/Kenniwick	09/1990	09/2022	8.875%	40	0		
706	Yakima Chandler/Kenniwick	09/1991	09/2022	8.750%	109	0		
707	Yakima Chandler/Kenniwick	09/2005	09/2055	5.125%	833	0		
708	Yakima Chandler/Kenniwick	09/2009	09/2059	4.375%	15	0		
709	Yakima Chandler/Kenniwick	09/2018	09/2068	2.750%	49	0		
710	Yakima Roza	09/2001	09/2051	5.875%	15	0		
711	Bureau Direct	01/2009	01/2021	3.999%	25,000	0		
712	Bureau Direct	04/2009	04/2023	4.391%	25,000	0		
713	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000		
714	Bureau Direct	03/2010	03/2020	4.083%	30,000	0		
715	Bureau Direct	04/2010	04/2020	3.973%	18,000	0		
716	Bureau Direct	05/2010	05/2020	3.574%	15,000	0		
717	Bureau Direct	06/2010	06/2020	3.243%	10,000	0		
718	Bureau Direct	06/2010	06/2020	3.243%	30,000	0		
719	Bureau Direct	07/2010	07/2020	3.118%	17,000	0		
720	Bureau Direct	08/2010	08/2020	0.165%	5,000	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
721	Bureau Direct	09/2010	09/2021	2.883%	22,000	0		
722	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000		
723	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000		
724	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000		
725	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000		
726	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000		
727	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000		
728	Bureau Direct	09/2011	07/2041	3.825%	30,000	0		
729	Bureau Direct	12/2011	12/2038	3.880%	35,000	0		
730	Bureau Direct	01/2012	01/2038	3.893%	15,000	0		
731	Bureau Direct	02/2012	09/2024	5.060%	55,000	16,500		
732	Bureau Direct	06/2012	06/2041	3.666%	50,000	0		
733	Bureau Direct	08/2012	07/2042	3.834%	44,000	0		
734	Bureau Direct	09/2012	09/2042	3.668%	25,000	0		
735	Bureau Direct	01/2013	01/2043	6.194%	70,000	0		
736	Bureau Direct	02/2013	02/2043	5.993%	18,000	0		
737	Bureau Direct	03/2013	03/2043	5.958%	15,000	0		
738	Bureau Direct	04/2013	04/2043	5.633%	15,000	0		
739	Bureau Direct	05/2013	05/2043	6.192%	18,000	0		
740	Bureau Direct	06/2013	01/2039	1.580%	35,000	0		
741	Bureau Direct	06/2013	06/2043	6.938%	21,000	0		
742	Bureau Direct	07/2013	07/2034	7.164%	25,000	0		
743	Bureau Direct	08/2013	08/2034	7.413%	15,000	0		
744	Bureau Direct	11/2013	09/2020	2.473%	51,000	0		
745	Bureau Direct	11/2013	09/2021	2.812%	50,000	0		
746	Bureau Direct	11/2013	09/2022	3.125%	19,000	0		
747	Bureau Direct	09/2014	05/2032	1.669%	16,000	0		
748	Bureau Direct	09/2014	05/2032	1.669%	10,000	0		
749	Bureau Direct	09/2014	06/2033	1.630%	11,000	0		
750	Bureau Direct	09/2014	06/2033	1.630%	12,000	0		
751	Bureau Direct	09/2014	07/2033	1.580%	15,000	0		
752	Bureau Direct	09/2015	09/2033	3.134%	10,000	0		
753	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000		
754	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000		
755	Bureau Direct	08/2018	01/2048	1.580%	13,000	0		
756	Bureau Direct	08/2018	02/2048	0.059%	5,000	0		
757	Bureau Direct	08/2018	03/2048	1.896%	26,000	0		
758	Bureau Direct	08/2018	06/2048	1.630%	16,000	0		
759	Bureau Direct	09/2018	02/2048	0.668%	29,000	0		
760	Bureau Direct	12/2018	09/2029	3.100%	13,000	0		
761	Bureau Direct	12/2018	09/2029	3.100%	43,000	0		
762	Bureau Direct	08/2019	08/2021	0.119%	20,000	0		
763	Bureau Direct	10/2019	09/2021	0.112%	20,000	0		
764	Bureau Direct	11/2019	09/2020	0.302%	7,000	0		
765	Bureau Direct	12/2019	09/2020	0.302%	13,000	0		
766	Bureau Direct	03/2020	09/2020	0.326%	30,000	0		
767	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000		
768	Bureau Direct	04/2020	09/2020	0.240%	18,000	0		
769	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000		
770	Bureau Direct	05/2020	09/2020	0.179%	15,000	0		
771	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000		
772	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000		
773	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000		
774	Bureau Direct	06/2020	09/2020	0.148%	30,000	0		
775	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000		
776	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000		
777	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000		
778	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000		
779	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000		
780	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000		
781	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000		
782	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000		
783	Bureau Direct	09/2020	09/2021	0.112%	51,000	0		
784	Bureau Direct	09/2020	09/2021	0.112%	30,000	0		
785	Bureau Direct	09/2020	09/2021	0.112%	5,000	0		
786	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000		
787	Bureau Direct	08/2022	09/2024	5.060%	18,000	3,000		
788	Bureau Direct	03/2023	09/2052	4.538%	12,000	12,000		
789	Bureau Direct	05/2023	11/2035	4.059%	7,000	7,000		
790	Bureau Direct	08/2023	08/2037	4.499%	8,000	8,000		
791	Bureau Direct	07/2024	09/2030	4.212%	7,000	7,000		
792	Bureau Direct	07/2024	09/2030	4.152%	8,000	8,000		
793	Conservation	01/2011	01/2023	4.046%	40,000	0		
794	Conservation	04/2011	04/2023	3.932%	35,000	0		
795	Conservation	08/2011	08/2023	3.206%	40,000	0		
796	Conservation	12/2011	12/2037	0.189%	55,000	0		
797	Conservation	08/2012	08/2024	2.788%	15,000	0		
798	Conservation	03/2013	03/2025	4.992%	10,000	0		
799	Conservation	04/2013	04/2025	4.553%	12,000	0		
800	Conservation	08/2013	08/2025	6.973%	5,000	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
801	Conservation	10/2013	10/2025	3.568%	34,000	0		
802	Conservation	11/2013	09/2023	3.375%	27,000	0		
803	Conservation	12/2013	12/2021	3.142%	6,000	0		
804	Conservation	12/2013	12/2023	5.536%	55,000	0		
805	Conservation	01/2014	01/2026	3.621%	5,000	0		
806	Conservation	04/2014	09/2024	5.419%	30,000	30,000		
807	Conservation	05/2014	04/2024	0.230%	15,000	0		
808	Conservation	05/2014	04/2025	5.011%	3,000	0		
809	Conservation	06/2014	10/2024	5.011%	5,000	0		
810	Conservation	07/2014	07/2025	4.809%	12,000	0		
811	Conservation	08/2014	09/2025	4.886%	4,000	0		
812	Conservation	10/2014	12/2024	4.787%	10,000	0		
813	Conservation	11/2014	03/2027	1.896%	6,000	0		
814	Conservation	12/2014	12/2023	2.403%	7,000	0		
815	Conservation	01/2015	01/2024	1.908%	7,000	0		
816	Conservation	02/2015	02/2024	2.251%	8,000	0		
817	Conservation	03/2015	03/2025	2.295%	5,000	0		
818	Conservation	04/2015	04/2024	2.269%	5,000	0		
819	Conservation	05/2015	05/2021	1.898%	5,000	0		
820	Conservation	07/2015	07/2021	2.067%	14,000	0		
821	Conservation	08/2015	08/2022	2.233%	6,000	0		
822	Conservation	09/2015	09/2022	2.062%	4,000	0		
823	Conservation	10/2015	10/2027	5.011%	25,000	0		
824	Conservation	01/2018	09/2022	2.513%	9,000	0		
825	Conservation	01/2018	09/2022	2.513%	20,000	0		
826	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
827	Conservation	09/2022	09/2028	4.886%	5,000	0		
828	Conservation	12/2023	09/2024	5.399%	7,000	7,000		
829	Conservation	12/2023	09/2024	5.399%	55,000	55,000		
830	Conservation	04/2024	09/2024	5.454%	5,000	5,000		
831	Construction (AS)	10/1992	10/2032	8.350%	38	0		
832	Construction (AS)	07/1995	07/2025	7.700%	67	0		
833	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
834	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
835	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
836	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
837	Construction (AS)	05/2014	04/2020	1.681%	700	0		
838	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
839	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
840	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		
841	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
842	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
843	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
844	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
845	Construction (AS)	09/2018	12/2023	3.064%	4,200	0		
846	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
847	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
848	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
849	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
850	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
851	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
852	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
853	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
854	Construction (AS)	04/2020	09/2020	0.240%	700	0		
855	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
856	Construction (AS)	03/2023	09/2028	3.855%	2,000	2,000		
857	Construction (AS)	12/2023	09/2024	5.399%	4,200	4,200		
858	Corps	09/2015	09/2033	3.134%	4,000	0		
859	Corps	02/2016	02/2045	0.668%	3,000	0		
860	Corps	04/2016	04/2031	2.661%	53,000	19,393		
861	Corps	05/2016	05/2030	2.599%	15,000	15,000		
862	Corps	07/2016	07/2030	2.145%	25,000	25,000		
863	Corps	08/2018	02/2048	0.668%	7,000	0		
864	Corps	08/2018	03/2048	1.896%	24,000	0		
865	Corps	08/2018	05/2048	1.669%	21,000	0		
866	Corps	08/2018	06/2048	1.630%	24,000	0		
867	Corps	08/2018	07/2048	1.580%	32,000	0		
868	Corps	08/2018	10/2048	1.681%	27,000	0		
869	Corps	08/2018	11/2048	1.669%	25,000	0		
870	Corps	09/2018	01/2048	1.580%	2,000	0		
871	Corps	09/2018	03/2048	1.896%	54,200	0		
872	Corps	09/2018	07/2048	1.580%	64,000	0		
873	Corps	09/2018	08/2048	0.668%	17,000	0		
874	Corps	08/2019	08/2021	0.119%	21,000	0		
875	Corps	11/2019	07/2021	0.138%	34,000	0		
876	Corps	11/2019	09/2021	0.112%	40,000	0		
877	Corps	03/2020	09/2047	2.103%	24,000	24,000		
878	Corps	04/2020	04/2028	0.945%	27,000	27,000		
879	Corps	04/2020	04/2044	1.744%	40,000	40,000		
880	Corps	04/2020	04/2050	1.827%	50,000	50,000		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
881	Corps	05/2020	05/2048	1.953%	21,000	21,000		
882	Corps	05/2020	11/2048	1.957%	25,000	25,000		
883	Corps	06/2020	06/2049	1.812%	24,000	24,000		
884	Corps	07/2020	01/2046	1.640%	2,000	2,000		
885	Corps	07/2020	07/2046	1.651%	32,000	32,000		
886	Corps	07/2020	07/2047	1.667%	64,000	64,000		
887	Corps	05/2021	05/2022	0.074%	45,000	0		
888	Corps	06/2021	06/2022	0.118%	30,000	0		
889	Corps	06/2021	06/2022	0.118%	20,000	0		
890	Corps	06/2021	06/2022	0.118%	17,000	0		
891	Corps	07/2021	07/2022	0.090%	28,000	0		
892	Corps	07/2021	07/2022	0.090%	24,000	0		
893	Corps	07/2021	07/2022	0.090%	15,000	0		
894	Corps	08/2021	08/2022	0.087%	29,000	0		
895	Corps	08/2021	08/2022	0.087%	22,000	0		
896	Corps	08/2021	08/2022	0.087%	16,000	0		
897	Corps	02/2022	02/2042	2.732%	37,000	37,000		
898	Corps	02/2022	02/2051	2.825%	35,000	35,000		
899	Corps	02/2022	02/2052	2.829%	34,000	34,000		
900	Corps	08/2022	09/2024	5.060%	18,300	18,300		
901	Corps	08/2022	08/2047	5.060%	13,700	13,700		
902	Corps	08/2022	08/2049	5.060%	33,000	33,000		
903	Corps	02/2023	02/2050	3.595%	21,000	21,000		
904	Corps	02/2023	02/2050	3.595%	19,000	19,000		
905	Corps	03/2023	03/2053	4.548%	13,000	13,000		
906	Corps	05/2023	11/2034	4.027%	13,000	13,000		
907	Corps	05/2023	05/2035	4.043%	22,000	22,000		
908	Corps	08/2023	02/2038	4.505%	30,000	30,000		
909	Corps	08/2023	08/2038	4.519%	27,000	27,000		
910	Corps	07/2024	09/2029	4.182%	8,000	8,000		
911	Corps	07/2024	09/2029	4.123%	7,000	7,000		
912	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	0		
913	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	0		
914	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
915	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		
916	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0		
917	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0		
918	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0		
919	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0		
920	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0		
921	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0		
922	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0		
923	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0		
924	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0		
925	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000		
926	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000		
927	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000		
928	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0		
929	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	0		
930	Fish and Wildlife	11/2013	05/2027	4.697%	5,000	0		
931	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000		
932	Fish and Wildlife	04/2014	02/2029	5.026%	7,000	0		
933	Fish and Wildlife	05/2014	04/2027	5.011%	11,000	0		
934	Fish and Wildlife	08/2014	07/2029	4.809%	5,000	0		
935	Fish and Wildlife	10/2014	01/2029	4.809%	15,000	0		
936	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0		
937	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0		
938	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000		
939	Fish and Wildlife	10/2015	02/2031	5.026%	4,000	0		
940	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0		
941	Fish and Wildlife	02/2016	02/2031	5.026%	4,000	0		
942	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0		
943	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0		
944	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0		
945	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0		
946	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0		
947	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000		
948	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0		
949	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000		
950	Fish and Wildlife	08/2022	09/2024	5.060%	29,000	29,000		
951	Fish and Wildlife	03/2023	09/2037	4.115%	13,000	13,000		
952	Fish and Wildlife	08/2023	02/2038	4.505%	4,000	4,000		
953	Fish and Wildlife	06/2024	09/2024	5.454%	20,000	20,000		
954	Fish and Wildlife	07/2024	09/2030	4.212%	6,000	6,000		
955	Fish and Wildlife	07/2024	09/2030	4.152%	4,000	4,000		
956	Technology (G)	01/2015	01/2021	1.469%	35,000	0		
957	Technology (G)	10/2015	07/2022	0.443%	6,000	0		
958	Technology (G)	08/2019	08/2021	0.119%	3,000	0		
959	Technology (G)	05/2023	05/2028	3.941%	5,000	5,000		
960	Technology (G)	07/2024	09/2028	4.190%	5,000	5,000		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
961	Technology (G)	07/2024	09/2028	4.132%	5,000	5,000		
962	Totals:				15,142,377	2,724,993		

**TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2024	Albeni Falls	Historical	42	4.249%	2	-	-	2
2	2024	Boise	Historical		3.257%		-	-	
3	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2024	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
6	2024	Columbia River Fish Mitigation	Historical	976,876	3.193%	31,190	-	-	31,190
7	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2024	Dworshak	Historical	31	2.077%	1	-	-	1
10	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2024	Hills Creek	Historical	154	3.404%	5	-	-	5
12	2024	Hungry Horse Dam	Historical	4	3.375%		-	-	
13	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
14	2024	John Day	Historical	6,580	3.432%	226	-	-	226
15	2024	Libby	Historical	494	3.192%	16	-	-	16
16	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
17	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
18	2024	Lost Creek	Historical	7	3.748%		-	-	
19	2024	Lower Granite	Historical	26,975	2.541%	685	-	-	685
20	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
21	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
22	2024	McNary	Historical	3,052	3.287%	100	-	-	100
23	2024	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
24	2024	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
25	2024	The Dalles	Historical	489	3.174%	16	-	-	16
26	2024	Bureau Direct	Historical	539,500	3.217%	17,356	-	(1,526)	15,829
27	2024	Bureau Direct	New	15,000	-	-	-	115	115
28	2024	Conservation	Historical	36,000	4.677%	1,684	-	-	1,684
29	2024	Conservation	New	67,000	3.917%	2,624	-	-	2,624
30	2024	Construction (AS)	Historical	2,000	3.855%	77	-	-	77
31	2024	Construction (AS)	New	4,200	4.049%	170	-	-	170
32	2024	Corps	Historical	684,393	2.771%	18,961	-	(200)	18,762
33	2024	Corps	New	15,000	-	-	-	116	116
34	2024	Fish and Wildlife	Historical	193,000	3.721%	7,182	-	-	7,182
35	2024	Fish and Wildlife	New	30,000	0.909%	273	-	79	352
36	2024	Technology (G)	Historical	5,000	3.941%	197	-	-	197
37	2024	Technology (G)	New	10,000	-	-	-	77	77
38	2024	Float	Historical	-	-	(2,742)	-	-	(2,742)
39	FY 2024	Subtotal:		2,724,993		81,642	-	(1,337)	80,305
40	2025	Albeni Falls	Historical	42	4.249%	2	-	-	2
41	2025	Boise	Historical		3.257%		-	-	
42	2025	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
43	2025	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
44	2025	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
45	2025	Columbia River Fish Mitigation	Historical	990,321	3.209%	31,778	-	-	31,778
46	2025	Cougar	Historical	4,971	2.953%	147	-	-	147
47	2025	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
48	2025	Dworshak	Historical	31	2.077%	1	-	-	1
49	2025	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
50	2025	Hills Creek	Historical	154	3.404%	5	-	-	5
51	2025	Hungry Horse Dam	Historical	4	3.375%		-	-	
52	2025	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
53	2025	John Day	Historical	6,580	3.432%	226	-	-	226
54	2025	Libby	Historical	494	3.192%	16	-	-	16
55	2025	Little Goose	Historical	8,314	2.341%	195	-	-	195
56	2025	Lookout Dam	Historical	311	3.396%	11	-	-	11
57	2025	Lost Creek	Historical	7	3.748%		-	-	
58	2025	Lower Granite	Historical	26,975	2.541%	685	-	-	685
59	2025	Lower Monument	Historical	2,617	3.266%	85	-	-	85
60	2025	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
61	2025	McNary	Historical	3,052	3.287%	100	-	-	100
62	2025	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
63	2025	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
64	2025	The Dalles	Historical	489	3.174%	16	-	-	16
65	2025	Bureau Direct	Historical	380,000	2.414%	9,174	-	(697)	8,477
66	2025	Bureau Direct	New	34,700	2.348%	815	-	-	815

**TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
67	2025 Conservation	Historical	6,000	0.964%	58	-	-	58
68	2025 Construction (AS)	Historical	12,000	3.800%	456	-	-	456
69	2025 Construction (AS)	New	6,800	1.825%	124	-	-	124
70	2025 Corps	Historical	647,093	2.598%	16,809	-	(807)	16,002
71	2025 Corps	New	194,400	0.783%	1,522	-	2,282	3,804
72	2025 Fish and Wildlife	Historical	184,000	3.457%	6,360	-	(368)	5,992
73	2025 Fish and Wildlife	New	56,300	2.106%	1,186	-	-	1,186
74	2025 Technology (G)	Historical	15,000	4.608%	691	-	(143)	548
75	2025 Technology (G)	New	900	1.824%	16	-	-	16
76	2025 Float	Historical	-	-	(2,314)	-	-	(2,314)
77	FY 2025 Subtotal:		2,674,538		71,347	-	267	71,613
78	2026 Boise	Historical		3.257%		-	-	
79	2026 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
80	2026 Chief Joseph	Historical	42	3.281%	1	-	-	1
81	2026 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
82	2026 Columbia River Fish Mitigation	Historical	829,492	2.988%	24,782	-	-	24,782
83	2026 Cougar	Historical	4,791	2.901%	139	-	-	139
84	2026 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
85	2026 Dworshak	Historical	31	2.077%	1	-	-	1
86	2026 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
87	2026 Hills Creek	Historical	154	3.404%	5	-	-	5
88	2026 Hungry Horse Dam	Historical	4	3.375%		-	-	
89	2026 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
90	2026 John Day	Historical	6,224	3.386%	211	-	-	211
91	2026 Libby	Historical	454	3.099%	14	-	-	14
92	2026 Little Goose	Historical	8,284	2.335%	193	-	-	193
93	2026 Lookout Dam	Historical	311	3.396%	11	-	-	11
94	2026 Lost Creek	Historical	7	3.748%		-	-	
95	2026 Lower Granite	Historical	25,373	2.431%	617	-	-	617
96	2026 Lower Monument	Historical	2,617	3.266%	85	-	-	85
97	2026 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
98	2026 McNary	Historical	3,052	3.287%	100	-	-	100
99	2026 Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
100	2026 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
101	2026 The Dalles	Historical	489	3.174%	16	-	-	16
102	2026 Bureau Direct	Historical	337,700	2.126%	7,181	-	-	7,181
103	2026 Bureau Direct	New	37,500	1.673%	627	-	-	627
104	2026 Conservation	Historical	6,000	0.964%	58	-	-	58
105	2026 Construction (AS)	Historical	18,800	3.745%	704	-	-	704
106	2026 Construction (AS)	New	10,400	1.673%	174	-	-	174
107	2026 Corps	Historical	738,793	2.877%	21,257	-	(78)	21,179
108	2026 Corps	New	248,900	1.394%	3,470	-	-	3,470
109	2026 Fish and Wildlife	Historical	185,378	3.561%	6,600	-	(399)	6,202
110	2026 Fish and Wildlife	New	37,900	1.673%	634	-	-	634
111	2026 Technology (G)	Historical	10,900	4.119%	449	-	-	449
112	2026 Technology (G)	New	1,400	1.599%	22	-	-	22
113	2026 Float	Historical	-	-	(1,906)	-	-	(1,906)
114	FY 2026 Subtotal:		2,577,289		67,288	-	(477)	66,811
115	2027 Boise	Historical		3.257%		-	-	
116	2027 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
117	2027 Chief Joseph	Historical	42	3.281%	1	-	-	1
118	2027 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
119	2027 Columbia River Fish Mitigation	Historical	881,016	3.031%	26,707	-	-	26,707
120	2027 Cougar	Historical	4,791	2.901%	139	-	-	139
121	2027 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
122	2027 Dworshak	Historical	31	2.077%	1	-	-	1
123	2027 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
124	2027 Hills Creek	Historical	154	3.404%	5	-	-	5
125	2027 Hungry Horse Dam	Historical	4	3.375%		-	-	
126	2027 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
127	2027 John Day	Historical	6,224	3.386%	211	-	-	211
128	2027 Libby	Historical	454	3.099%	14	-	-	14
129	2027 Little Goose	Historical	8,284	2.335%	193	-	-	193
130	2027 Lookout Dam	Historical	311	3.396%	11	-	-	11
131	2027 Lost Creek	Historical	7	3.748%		-	-	
132	2027 Lower Granite	Historical	25,373	2.431%	617	-	-	617

**TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
133	2027	Lower Monument	Historical	2,617	3.266%	85	-	-	85
134	2027	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
135	2027	McNary	Historical	3,052	3.287%	100	-	-	100
136	2027	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
137	2027	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
138	2027	The Dalles	Historical	489	3.174%	16	-	-	16
139	2027	Bureau Direct	Historical	315,700	1.861%	5,876	-	-	5,876
140	2027	Bureau Direct	New	50,800	2.091%	1,062	-	-	1,062
141	2027	Construction (AS)	Historical	18,800	3.745%	704	-	-	704
142	2027	Construction (AS)	New	9,800	1.544%	151	-	-	151
143	2027	Corps	Historical	703,793	2.729%	19,204	-	(2,282)	16,922
144	2027	Corps	New	235,500	1.125%	2,649	-	336	2,985
145	2027	Fish and Wildlife	Historical	146,078	3.513%	5,131	-	-	5,131
146	2027	Fish and Wildlife	New	67,000	1.831%	1,226	-	-	1,226
147	2027	Technology (G)	Historical	12,300	4.014%	494	-	-	494
148	2027	Technology (G)	New	1,400	1.544%	22	-	-	22
149	2027	Float	Historical	-	-	(1,823)	-	-	(1,823)
150	FY 2027	Subtotal:		2,556,313		64,638	-	(1,946)	62,692
151	2028	Boise	Historical		3.257%		-	-	
152	2028	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
153	2028	Chief Joseph	Historical	42	3.281%	1	-	-	1
154	2028	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
155	2028	Columbia River Fish Mitigation	Historical	885,720	3.034%	26,876	-	-	26,876
156	2028	Cougar	Historical	4,791	2.901%	139	-	-	139
157	2028	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
158	2028	Dworshak	Historical	31	2.077%	1	-	-	1
159	2028	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
160	2028	Hills Creek	Historical	154	3.404%	5	-	-	5
161	2028	Hungry Horse Dam	Historical	4	3.375%		-	-	
162	2028	Ice Harbor	Historical	5,296	3.289%	174	-	-	174
163	2028	John Day	Historical	6,224	3.386%	211	-	-	211
164	2028	Libby	Historical	454	3.099%	14	-	-	14
165	2028	Little Goose	Historical	8,284	2.335%	193	-	-	193
166	2028	Lookout Dam	Historical	311	3.396%	11	-	-	11
167	2028	Lost Creek	Historical	7	3.748%		-	-	
168	2028	Lower Granite	Historical	25,373	2.431%	617	-	-	617
169	2028	Lower Monument	Historical	2,617	3.266%	85	-	-	85
170	2028	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
171	2028	McNary	Historical	3,052	3.287%	100	-	-	100
172	2028	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
173	2028	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
174	2028	The Dalles	Historical	489	3.174%	16	-	-	16
175	2028	Bureau Direct	Historical	331,800	2.115%	7,019	-	-	7,019
176	2028	Bureau Direct	New	61,600	2.072%	1,276	-	-	1,276
177	2028	Construction (AS)	Historical	28,600	2.424%	693	-	-	693
178	2028	Construction (AS)	New	10,600	1.541%	163	-	-	163
179	2028	Corps	Historical	533,393	2.304%	12,289	-	(149)	12,140
180	2028	Corps	New	224,800	0.691%	1,552	-	2,328	3,881
181	2028	Fish and Wildlife	Historical	212,678	2.798%	5,951	-	-	5,951
182	2028	Fish and Wildlife	New	64,100	1.820%	1,166	-	-	1,166
183	2028	Technology (G)	Historical	13,700	3.799%	521	-	-	521
184	2028	Technology (G)	New	4,600	1.541%	71	-	-	71
185	2028	Float	Historical	-	-	(2,367)	-	-	(2,367)
186	FY 2028	Subtotal:		2,485,716		58,445	-	2,179	60,624
187	2029	Boise	Historical		1.629%		-	-	
188	2029	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
189	2029	Chief Joseph	Historical	10	2.876%		-	-	
190	2029	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
191	2029	Columbia River Fish Mitigation	Historical	509,291	2.541%	12,944	-	-	12,944
192	2029	Cougar	Historical	4,359	2.829%	123	-	-	123
193	2029	Detroit Lake/Big Cliff	Historical	560	2.878%	16	-	-	16
194	2029	Dworshak	Historical	31	2.077%	1	-	-	1
195	2029	Green Peter/Foster	Historical	148	3.017%	4	-	-	4
196	2029	Hungry Horse Dam	Historical	4	3.375%		-	-	
197	2029	Ice Harbor	Historical	4,363	3.200%	140	-	-	140

**TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
198	2029 Libby	Historical	287	2.739%	8	-	-	8
199	2029 Little Goose	Historical	8,284	2.335%	193	-	-	193
200	2029 Lower Granite	Historical	22,720	2.262%	514	-	-	514
201	2029 Lower Monument	Historical	1,098	2.463%	27	-	-	27
202	2029 Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
203	2029 McNary	Historical	1,717	2.875%	49	-	-	49
204	2029 Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
205	2029 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
206	2029 The Dalles	Historical	489	3.174%	16	-	-	16
207	2029 Bureau Direct	Historical	406,178	2.235%	9,076	-	(22)	9,055
208	2029 Construction (AS)	Historical	37,493	2.679%	1,004	-	-	1,004
209	2029 Corps	Historical	795,958	2.883%	22,948	-	(501)	22,447
210	2029 Fish and Wildlife	Historical	210,536	2.599%	5,473	-	(339)	5,133
211	2029 Replacements	New	265,989	2.030%	5,399	-	-	5,399
212	2029 Technology (G)	Historical	7,400	2.510%	186	-	-	186
213	2029 Float	Historical	-	-	(2,146)	-	-	(2,146)
214	FY 2029 Subtotal:		2,321,377		57,179	-	(862)	56,317
215	2030 Columbia Basin	Historical	16,093	1.965%	316	-	-	316
216	2030 Columbia River Fish Mitigation	Historical	265,748	2.057%	5,466	-	-	5,466
217	2030 Cougar	Historical	269	2.127%	6	-	-	6
218	2030 Dworshak	Historical	31	2.077%	1	-	-	1
219	2030 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
220	2030 Libby	Historical	5	2.109%	-	-	-	-
221	2030 Little Goose	Historical	5,511	2.124%	117	-	-	117
222	2030 Lower Granite	Historical	19,245	2.109%	406	-	-	406
223	2030 Lower Monument	Historical	942	2.375%	22	-	-	22
224	2030 Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
225	2030 McNary	Historical	239	2.375%	6	-	-	6
226	2030 RRP - Green Springs	Historical	1	1.934%	-	-	-	-
227	2030 The Dalles	Historical	10	2.371%	-	-	-	-
228	2030 Bureau Direct	Historical	346,378	1.785%	6,181	-	(42)	6,139
229	2030 Construction (AS)	Historical	27,693	3.081%	853	-	-	853
230	2030 Corps	Historical	702,958	2.653%	18,652	-	(2,547)	16,104
231	2030 Fish and Wildlife	Historical	122,458	3.092%	3,786	-	-	3,786
232	2030 Replacements	Historical	265,989	4.059%	10,797	-	-	10,797
233	2030 Replacements	New	265,989	2.030%	5,399	-	-	5,399
234	2030 Technology (G)	Historical	4,600	3.081%	142	-	-	142
235	2030 Float	Historical	-	-	(1,598)	-	-	(1,598)
236	FY 2030 Subtotal:		2,046,062		50,602	-	(2,590)	48,013
237	2031 Columbia Basin	Historical	16,093	1.965%	316	-	-	316
238	2031 Columbia River Fish Mitigation	Historical	265,748	2.057%	5,466	-	-	5,466
239	2031 Cougar	Historical	269	2.127%	6	-	-	6
240	2031 Dworshak	Historical	31	2.077%	1	-	-	1
241	2031 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
242	2031 Libby	Historical	5	2.109%	-	-	-	-
243	2031 Little Goose	Historical	5,511	2.124%	117	-	-	117
244	2031 Lower Granite	Historical	19,245	2.109%	406	-	-	406
245	2031 Lower Monument	Historical	942	2.375%	22	-	-	22
246	2031 Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
247	2031 McNary	Historical	239	2.375%	6	-	-	6
248	2031 RRP - Green Springs	Historical	1	1.934%	-	-	-	-
249	2031 The Dalles	Historical	10	2.371%	-	-	-	-
250	2031 Bureau Direct	Historical	252,000	1.674%	4,218	-	(188)	4,030
251	2031 Construction (AS)	Historical	27,693	1.541%	427	-	-	427
252	2031 Corps	Historical	400,933	1.844%	7,392	-	(300)	7,093
253	2031 Fish and Wildlife	Historical	114,458	1.854%	2,122	-	(38)	2,085
254	2031 Replacements	Historical	531,977	4.059%	21,595	-	-	21,595
255	2031 Replacements	New	265,989	2.030%	5,399	-	-	5,399
256	2031 Technology (G)	Historical	4,600	1.541%	71	-	-	71
257	2031 Float	Historical	-	-	(1,272)	-	-	(1,272)
258	FY 2031 Subtotal:		1,907,648		46,340	-	(525)	45,815
259	2032 Columbia Basin	Historical	16,093	1.961%	316	-	-	316
260	2032 Columbia River Fish Mitigation	Historical	220,034	1.516%	3,336	-	-	3,336
261	2032 Cougar	Historical	269	1.072%	3	-	-	3

TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
262	2032	Dworshak	Historical	31	1.083%		-	-	
263	2032	Green Peter/Foster	Historical	1	1.078%		-	-	
264	2032	Libby	Historical	5	1.055%		-	-	
265	2032	Little Goose	Historical	5,511	1.063%	59	-	-	59
266	2032	Lower Granite	Historical	19,245	1.069%	206	-	-	206
267	2032	Lower Monument	Historical	942	2.375%	22	-	-	22
268	2032	Lower Snake Fish and Wildlife	Historical	295	1.062%	3	-	-	3
269	2032	McNary	Historical	239	2.375%	6	-	-	6
270	2032	RRP - Green Springs	Historical	1	1.934%		-	-	
271	2032	The Dalles	Historical	10	2.371%		-	-	
272	2032	Bureau Direct	Historical	235,000	1.487%	3,494	-	(239)	3,256
273	2032	Corps	Historical	282,000	1.711%	4,826	-	(59)	4,767
274	2032	Fish and Wildlife	Historical	20,344	1.251%	254	-	(43)	211
275	2032	Replacements	Historical	797,966	4.059%	32,392	-	-	32,392
276	2032	Replacements	New	265,989	2.030%	5,399	-	-	5,399
277	2032	Float	Historical	-	-	(1,112)	-	-	(1,112)
278	FY 2032	Subtotal:		1,863,974		49,204	-	(341)	48,863
279	2033	Columbia Basin	Historical	13,165	0.938%	123	-	-	123
280	2033	Columbia River Fish Mitigation	Historical	81,994	1.367%	1,121	-	-	1,121
281	2033	Dworshak	Historical	2	1.413%		-	-	
282	2033	Little Goose	Historical	7	1.369%		-	-	
283	2033	Lower Granite	Historical	423	1.375%	6	-	-	6
284	2033	RRP - Green Springs	Historical	1	0.967%		-	-	
285	2033	Bureau Direct	Historical	183,000	1.464%	2,679	-	(489)	2,190
286	2033	Corps	Historical	248,978	1.679%	4,179	-	(730)	3,449
287	2033	Replacements	Historical	1,063,954	4.059%	43,189	-	-	43,189
288	2033	Replacements	New	265,989	2.030%	5,399	-	-	5,399
289	2033	Float	Historical	-	-	(976)	-	-	(976)
290	FY 2033	Subtotal:		1,857,513		55,720	-	(1,219)	54,501
291	2034	Columbia River Fish Mitigation	Historical	80,420	1.089%	876	-	-	876
292	2034	Dworshak	Historical	2	0.707%		-	-	
293	2034	Little Goose	Historical	7	0.685%		-	-	
294	2034	Lower Granite	Historical	423	0.687%	3	-	-	3
295	2034	Bureau Direct	Historical	78,396	0.944%	740	-	(264)	476
296	2034	Corps	Historical	138,000	1.095%	1,512	-	(558)	953
297	2034	Replacements	Historical	1,329,943	4.059%	53,986	-	-	53,986
298	2034	Replacements	New	265,989	2.030%	5,399	-	-	5,399
299	2034	Float	Historical	-	-	(1,040)	-	-	(1,040)
300	FY 2034	Subtotal:		1,893,180		61,476	-	(822)	60,654
301	2035	Columbia River Fish Mitigation	Historical	46,983	0.688%	323	-	-	323
302	2035	Replacements	Historical	1,595,931	3.805%	60,725	-	-	60,725
303	2035	Replacements	New	265,989	2.030%	5,399	-	-	5,399
304	2035	Float	Historical	-	-	(1,065)	-	-	(1,065)
305	FY 2035	Subtotal:		1,908,903		65,382	-	-	65,382
306	2036	Replacements	Historical	1,661,940	3.775%	62,741	-	-	62,741
307	2036	Replacements	New	265,989	2.030%	5,399	-	-	5,399
308	2036	Float	Historical	-	-	(1,091)	-	-	(1,091)
309	FY 2036	Subtotal:		1,927,929		67,048	-	-	67,048
310	2037	Replacements	Historical	1,695,256	3.756%	63,674	-	-	63,674
311	2037	Replacements	New	265,989	2.030%	5,399	-	-	5,399
312	2037	Float	Historical	-	-	(1,121)	-	-	(1,121)
313	FY 2037	Subtotal:		1,961,244		67,951	-	-	67,951
314	2038	Replacements	Historical	1,707,903	3.730%	63,700	-	-	63,700
315	2038	Replacements	New	265,989	2.030%	5,399	-	-	5,399
316	2038	Float	Historical	-	-	(1,149)	-	-	(1,149)
317	FY 2038	Subtotal:		1,973,891		67,949	-	-	67,949
318	2039	Replacements	Historical	1,696,538	3.735%	63,359	-	-	63,359
319	2039	Replacements	New	265,989	2.030%	5,399	-	-	5,399
320	2039	Float	Historical	-	-	(1,178)	-	-	(1,178)
321	FY 2039	Subtotal:		1,962,527		67,580	-	-	67,580
322	2040	Replacements	Historical	1,691,142	3.708%	62,701	-	-	62,701
323	2040	Replacements	New	265,989	2.030%	5,399	-	-	5,399
324	2040	Float	Historical	-	-	(1,205)	-	-	(1,205)
325	FY 2040	Subtotal:		1,957,130		66,895	-	-	66,895
326	2041	Replacements	Historical	1,664,083	3.783%	62,955	-	-	62,955
327	2041	Replacements	New	265,989	2.030%	5,399	-	-	5,399
328	2041	Float	Historical	-	-	(1,234)	-	-	(1,234)
329	FY 2041	Subtotal:		1,930,072		67,120	-	-	67,120

TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
330		2042 Replacements	Historical	1,703,653	3.695%	62,943	-	-	62,943
331		2042 Replacements	New	265,989	2.030%	5,399	-	-	5,399
332		2042 Float	Historical	-	-	(1,253)	-	-	(1,253)
333		FY 2042 Subtotal:		1,969,642		67,089	-	-	67,089
334		2043 Replacements	Historical	1,663,528	3.536%	58,823	-	-	58,823
335		2043 Replacements	New	265,989	2.030%	5,399	-	-	5,399
336		2043 Float	Historical	-	-	(1,693)	-	-	(1,693)
337		FY 2043 Subtotal:		1,929,517		62,529	-	-	62,529
338		2044 Replacements	Historical	1,500,665	3.126%	46,912	-	-	46,912
339		2044 Replacements	New	265,989	2.030%	5,399	-	-	5,399
340		2044 Float	Historical	-	-	(2,624)	-	-	(2,624)
341		FY 2044 Subtotal:		1,766,653		49,687	-	-	49,687
342		2045 Replacements	Historical	1,076,679	3.292%	35,439	-	-	35,439
343		2045 Replacements	New	265,989	2.030%	5,399	-	-	5,399
344		2045 Float	Historical	-	-	(1,617)	-	-	(1,617)
345		FY 2045 Subtotal:		1,342,667		39,221	-	-	39,221
346		2046 Replacements	Historical	935,373	3.135%	29,329	-	-	29,329
347		2046 Replacements	New	265,989	2.030%	5,399	-	-	5,399
348		2046 Float	Historical	-	-	(1,627)	-	-	(1,627)
349		FY 2046 Subtotal:		1,201,361		33,100	-	-	33,100
350		2047 Replacements	Historical	775,624	2.928%	22,709	-	-	22,709
351		2047 Replacements	New	265,989	2.030%	5,399	-	-	5,399
352		2047 Float	Historical	-	-	(1,639)	-	-	(1,639)
353		FY 2047 Subtotal:		1,041,612		26,469	-	-	26,469
354		2048 Replacements	Historical	609,246	2.596%	15,815	-	-	15,815
355		2048 Replacements	New	265,989	2.030%	5,399	-	-	5,399
356		2048 Float	Historical	-	-	(1,652)	-	-	(1,652)
357		FY 2048 Subtotal:		875,234		19,562	-	-	19,562
358		2049 Replacements	Historical	435,959	2.030%	8,848	-	-	8,848
359		2049 Replacements	New	265,989	2.030%	5,399	-	-	5,399
360		2049 Float	Historical	-	-	(1,665)	-	-	(1,665)
361		FY 2049 Subtotal:		701,948		12,582	-	-	12,582
362		2050 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
363		2050 Replacements	New	265,989	2.030%	5,399	-	-	5,399
364		2050 Float	Historical	-	-	(1,678)	-	-	(1,678)
365		FY 2050 Subtotal:		531,977		9,120	-	-	9,120
366		2051 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
367		2051 Replacements	New	265,989	2.030%	5,399	-	-	5,399
368		2051 Float	Historical	-	-	(1,678)	-	-	(1,678)
369		FY 2051 Subtotal:		531,977		9,120	-	-	9,120
370		2052 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
371		2052 Replacements	New	265,989	2.030%	5,399	-	-	5,399
372		2052 Float	Historical	-	-	(1,678)	-	-	(1,678)
373		FY 2052 Subtotal:		531,977		9,120	-	-	9,120
374		2053 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
375		2053 Replacements	New	265,989	2.030%	5,399	-	-	5,399
376		2053 Float	Historical	-	-	(1,678)	-	-	(1,678)
377		FY 2053 Subtotal:		531,977		9,120	-	-	9,120
378		2054 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
379		2054 Replacements	New	265,989	2.030%	5,399	-	-	5,399
380		2054 Float	Historical	-	-	(1,678)	-	-	(1,678)
381		FY 2054 Subtotal:		531,977		9,120	-	-	9,120
382		2055 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
383		2055 Replacements	New	265,989	2.030%	5,399	-	-	5,399
384		2055 Float	Historical	-	-	(1,678)	-	-	(1,678)
385		FY 2055 Subtotal:		531,977		9,120	-	-	9,120
386		2056 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
387		2056 Replacements	New	265,989	2.030%	5,399	-	-	5,399
388		2056 Float	Historical	-	-	(1,678)	-	-	(1,678)
389		FY 2056 Subtotal:		531,977		9,120	-	-	9,120
390		2057 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
391		2057 Replacements	New	265,989	2.030%	5,399	-	-	5,399
392		2057 Float	Historical	-	-	(1,678)	-	-	(1,678)
393		FY 2057 Subtotal:		531,977		9,120	-	-	9,120

TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
394		2058 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
395		2058 Replacements	New	265,989	2.030%	5,399	-	-	5,399
396		2058 Float	Historical	-	-	(1,678)	-	-	(1,678)
397		FY 2058 Subtotal:		531,977		9,120	-	-	9,120
398		2059 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
399		2059 Replacements	New	265,989	2.030%	5,399	-	-	5,399
400		2059 Float	Historical	-	-	(1,678)	-	-	(1,678)
401		FY 2059 Subtotal:		531,977		9,120	-	-	9,120
402		2060 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
403		2060 Replacements	New	265,989	2.030%	5,399	-	-	5,399
404		2060 Float	Historical	-	-	(1,678)	-	-	(1,678)
405		FY 2060 Subtotal:		531,977		9,120	-	-	9,120
406		2061 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
407		2061 Replacements	New	265,989	2.030%	5,399	-	-	5,399
408		2061 Float	Historical	-	-	(1,678)	-	-	(1,678)
409		FY 2061 Subtotal:		531,977		9,120	-	-	9,120
410		2062 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
411		2062 Replacements	New	265,989	2.030%	5,399	-	-	5,399
412		2062 Float	Historical	-	-	(1,678)	-	-	(1,678)
413		FY 2062 Subtotal:		531,977		9,120	-	-	9,120
414		2063 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
415		2063 Replacements	New	265,989	2.030%	5,399	-	-	5,399
416		2063 Float	Historical	-	-	(1,678)	-	-	(1,678)
417		FY 2063 Subtotal:		531,977		9,120	-	-	9,120
418		2064 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
419		2064 Replacements	New	265,989	2.030%	5,399	-	-	5,399
420		2064 Float	Historical	-	-	(1,678)	-	-	(1,678)
421		FY 2064 Subtotal:		531,977		9,120	-	-	9,120
422		2065 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
423		2065 Replacements	New	265,989	2.030%	5,399	-	-	5,399
424		2065 Float	Historical	-	-	(1,678)	-	-	(1,678)
425		FY 2065 Subtotal:		531,977		9,120	-	-	9,120
426		2066 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
427		2066 Replacements	New	265,989	2.030%	5,399	-	-	5,399
428		2066 Float	Historical	-	-	(1,678)	-	-	(1,678)
429		FY 2066 Subtotal:		531,977		9,120	-	-	9,120
430		2067 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
431		2067 Replacements	New	265,989	2.030%	5,399	-	-	5,399
432		2067 Float	Historical	-	-	(1,678)	-	-	(1,678)
433		FY 2067 Subtotal:		531,977		9,120	-	-	9,120
434		2068 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
435		2068 Replacements	New	265,989	2.030%	5,399	-	-	5,399
436		2068 Float	Historical	-	-	(1,678)	-	-	(1,678)
437		FY 2068 Subtotal:		531,977		9,120	-	-	9,120
438		2069 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
439		2069 Replacements	New	265,989	2.030%	5,399	-	-	5,399
440		2069 Float	Historical	-	-	(1,678)	-	-	(1,678)
441		FY 2069 Subtotal:		531,977		9,120	-	-	9,120
442		2070 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
443		2070 Replacements	New	265,989	2.030%	5,399	-	-	5,399
444		2070 Float	Historical	-	-	(1,678)	-	-	(1,678)
445		FY 2070 Subtotal:		531,977		9,120	-	-	9,120
446		2071 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
447		2071 Replacements	New	265,989	2.030%	5,399	-	-	5,399
448		2071 Float	Historical	-	-	(1,678)	-	-	(1,678)
449		FY 2071 Subtotal:		531,977		9,120	-	-	9,120
450		2072 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
451		2072 Replacements	New	265,989	2.030%	5,399	-	-	5,399
452		2072 Float	Historical	-	-	(1,678)	-	-	(1,678)
453		FY 2072 Subtotal:		531,977		9,120	-	-	9,120
454		2073 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
455		2073 Replacements	New	265,989	2.030%	5,399	-	-	5,399
456		2073 Float	Historical	-	-	(1,678)	-	-	(1,678)
457		FY 2073 Subtotal:		531,977		9,120	-	-	9,120
458		2074 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
459		2074 Replacements	New	265,989	2.030%	5,399	-	-	5,399
460		2074 Float	Historical	-	-	(1,678)	-	-	(1,678)
461		FY 2074 Subtotal:		531,977		9,120	-	-	9,120

TABLE 13B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
462		2075 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
463		2075 Replacements	New	265,989	2.030%	5,399	-	-	5,399
464		2075 Float	Historical	-	-	(1,678)	-	-	(1,678)
465	FY 2075	Subtotal:		531,977		9,120	-	-	9,120
466		2076 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
467		2076 Replacements	New	265,989	2.030%	5,399	-	-	5,399
468		2076 Float	Historical	-	-	(1,678)	-	-	(1,678)
469	FY 2076	Subtotal:		531,977		9,120	-	-	9,120
470		2077 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
471		2077 Replacements	New	265,989	2.030%	5,399	-	-	5,399
472		2077 Float	Historical	-	-	(1,678)	-	-	(1,678)
473	FY 2077	Subtotal:		531,977		9,120	-	-	9,120
474		2078 Replacements	Historical	265,989	2.030%	5,399	-	-	5,399
475		2078 Replacements	New	265,989	2.030%	5,399	-	-	5,399
476		2078 Float	Historical	-	-	(1,678)	-	-	(1,678)
477	FY 2078	Subtotal:		531,977		9,120	-	-	9,120
478	Grand			64,786,267		1,708,510	-	(7,674)	1,700,836

TABLE 13C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2024	Conservation	-	4/30/2024	9/30/2024	5,000	5,000	5.454%	5.454%				5,000		
2	2024	Construction (AS)	-	12/31/2023	9/30/2024	4,200	4,200	5.399%	5.399%				4,200		
3	2024	Conservation	-	12/31/2023	9/30/2024	7,000	7,000	5.399%	5.399%				7,000		
4	2024	Conservation	-	12/31/2023	9/30/2024	55,000	55,000	5.399%	5.399%				55,000		
5	2024	Fish and Wildlife	-	6/30/2024	9/30/2024	20,000	20,000	5.454%	5.454%				20,000		
6	2024	Bureau Direct	-	2/27/2012	9/30/2024	55,000	16,500	5.060%	5.060%				16,500		
7	2024	Conservation	-	4/30/2014	9/30/2024	30,000	30,000	5.419%	5.419%				30,000		
8	2024	Bureau Direct	-	8/31/2022	9/30/2024	18,000	3,000	5.060%	5.060%				3,000		
9	2024	Fish and Wildlife	-	8/31/2022	9/30/2024	29,000	29,000	5.060%	5.060%				29,000		
10	2024	Corps	-	8/31/2022	9/30/2024	18,300	18,300	5.060%	5.060%				18,300		
11	2024	Bureau Direct	-	6/22/2011	6/30/2036	30,000	30,000	4.629%	4.629%				30,000		
12	2024	Bureau Direct	-	6/22/2011	6/30/2038	30,000	30,000	4.700%	4.700%				30,000		
13	2024	Bureau Direct	-	1/31/2011	1/31/2039	35,000	35,000	5.040%	5.040%				35,000		
14	2024	Bureau Direct	-	6/30/2009	6/30/2039	25,000	25,000	5.192%	5.192%				25,000		
15	2024	Bureau Direct	-	2/28/2011	2/28/2040	50,000	50,000	4.995%	4.995%				50,000		
16	2024	Corps	-	8/31/2022	8/31/2047	13,700	13,700	5.060%	5.060%				13,700		
17	2024	Corps	-	8/31/2022	8/31/2049	33,000	33,000	5.060%	5.060%				33,000		
18	2024	Corps	-	3/31/2023	3/31/2053	13,000	13,000	4.548%	4.548%				2,300		
19	FY 2024 Subtotal:		-	-	-	471,200	417,700	-	-				407,000		
20	2025	Fish and Wildlife	-	2/28/2011	2/28/2026	15,000	15,000	4.398%	4.398%				15,000		
21	2025	Fish and Wildlife	-	6/22/2011	6/30/2026	15,000	15,000	4.205%	4.205%				15,000		
22	2025	Technology (G)	-	5/31/2023	5/31/2028	5,000	5,000	3.941%	3.941%				5,000		
23	2025	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	22,000	3.880%	3.880%				922		
24	2025	Fish and Wildlife	-	1/31/2014	1/31/2029	7,000	7,000	3.896%	3.896%				7,000		
25	2025	Bureau Direct	-	10/31/2010	10/31/2034	20,000	20,000	4.211%	4.211%				20,000		
26	2025	Corps	-	5/31/2023	11/30/2034	13,000	13,000	4.027%	4.027%				13,000		
27	2025	Corps	-	5/31/2023	5/31/2035	22,000	22,000	4.043%	4.043%				22,000		
28	2025	Bureau Direct	-	5/31/2023	11/30/2035	7,000	7,000	4.059%	4.059%				7,000		
29	2025	Bureau Direct	-	8/31/2023	8/31/2037	8,000	8,000	4.499%	4.499%				8,000		
30	2025	Bureau Direct	-	8/12/2011	8/31/2037	30,000	30,000	4.208%	4.208%				30,000		
31	2025	Fish and Wildlife	-	3/31/2023	9/30/2037	13,000	13,000	4.115%	4.115%				13,000		
32	2025	Corps	-	8/31/2023	2/28/2038	30,000	30,000	4.505%	4.505%				30,000		
33	2025	Fish and Wildlife	-	8/31/2023	2/28/2038	4,000	4,000	4.505%	4.505%				4,000		
34	2025	Corps	-	8/31/2023	8/31/2038	27,000	27,000	4.519%	4.519%				27,000		
35	2025	Bureau Direct	-	3/31/2023	9/30/2052	12,000	12,000	4.538%	4.538%				12,000		
36	2025	Corps	-	3/31/2023	3/31/2053	13,000	10,700	4.548%	4.548%				10,700		
37	2025	Bonneville Dam	Corps of Engineers	9/30/2009	9/30/2059	2,744	2,744	4.375%	4.375%				2,744		
38	2025	Chief Joseph	Corps of Engineers	9/30/2009	9/30/2059	24,727	24,727	4.375%	4.375%				24,727		
39	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	103,203	4.375%	4.375%				103,203		
40	2025	Cougar	Corps of Engineers	9/30/2009	9/30/2059	121	121	4.375%	4.375%				121		
41	2025	Lower Granite	Corps of Engineers	9/30/2009	9/30/2059	5,669	446	4.375%	4.375%				446		
42	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2009	9/30/2059	1,540	1,540	4.375%	4.375%				1,540		
43	2025	Little Goose	Corps of Engineers	9/30/2010	9/30/2060	30	30	4.250%	4.250%				30		
44	2025	Lower Granite	Corps of Engineers	9/30/2010	9/30/2060	1,156	1,156	4.250%	4.250%				1,156		
45	2025	Albeni Falls	Corps of Engineers	9/30/2010	9/30/2060	42	42	4.250%	4.250%				42		
46	2025	Bonneville Dam	Corps of Engineers	9/30/2010	9/30/2060	1,425	1,425	4.250%	4.250%				1,425		
47	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2010	9/30/2060	56,832	56,832	4.250%	4.250%				56,832		
48	2025	Cougar	Corps of Engineers	9/30/2010	9/30/2060	59	59	4.250%	4.250%				59		
49	2025	Ice Harbor	Corps of Engineers	9/30/2010	9/30/2060	207	207	4.250%	4.250%				207		
50	2025	John Day	Corps of Engineers	9/30/2010	9/30/2060	356	356	4.250%	4.250%				356		
51	2025	Libby	Corps of Engineers	9/30/2010	9/30/2060	40	40	4.250%	4.250%				40		
52	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2010	9/30/2060	6	6	4.250%	4.250%				6		
53	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2024	9/30/2074	-	13,444	4.375%	4.375%				13,444		
54	FY 2025 Subtotal:		-	-	-	461,156	467,078	-	-				446,000		
55	2026	Bureau Direct	-	3/31/2026	9/30/2026	-	37,500	3.346%	3.346%				37,500		
56	2026	Construction (AS)	-	3/31/2026	9/30/2026	-	10,400	3.346%	3.346%				10,400		
57	2026	Corps	-	3/31/2026	9/30/2026	-	82,967	3.346%	3.346%				82,967		
58	2026	Fish and Wildlife	-	3/31/2026	9/30/2026	-	37,900	3.346%	3.346%				37,900		
59	2026	Corps	-	4/30/2026	9/30/2026	-	82,967	3.346%	3.346%				82,967		
60	2026	Corps	-	5/31/2026	9/30/2026	-	82,967	3.346%	3.346%				82,967		
61	2026	Fish and Wildlife	-	10/31/2013	12/31/2026	28,000	28,000	3.717%	3.717%				28,000		
62	2026	Conservation	-	3/31/2020	3/31/2027	6,000	6,000	0.964%	0.964%				6,000		
63	2026	Fish and Wildlife	-	10/31/2013	5/31/2027	11,000	11,000	3.762%	3.762%				11,000		

TABLE 13C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
64	2026	Corps	-	4/30/2020	4/30/2028	27,000	27,000	0.945%	0.945%					20,000		
65	2026	Bureau Direct	-	7/15/2024	9/30/2030	7,000	7,000	4.212%	4.212%					7,000		
66	2026	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	6,000	4.212%	4.212%					300		
67	2026	Bureau Direct	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
68	2026	Corps	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
69		FY 2026 Subtotal:	-	-	-	85,000	449,700	-	-					437,000		
70	2027	Corps	-	3/31/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
71	2027	Corps	-	4/30/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
72	2027	Corps	-	5/31/2027	9/30/2027	-	54,500	2.939%	2.939%					54,500		
73	2027	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	5,700	4.212%	4.212%					400		
74	2027	Bureau Direct	-	3/31/2025	3/31/2055	-	34,700	4.696%	4.696%					34,700		
75	2027	Corps	-	3/31/2025	3/31/2055	-	64,800	4.696%	4.696%					64,800		
76	2027	Corps	-	4/30/2025	4/30/2055	-	64,800	4.696%	4.696%					64,800		
77	2027	Corps	-	5/31/2025	5/31/2055	-	64,800	4.696%	4.696%					64,800		
78		FY 2027 Subtotal:	-	-	-	6,000	446,300	-	-					441,000		
79	2028	Fish and Wildlife	-	3/31/2015	3/31/2028	3,000	3,000	2.511%	2.511%					3,000		
80	2028	Corps	-	4/30/2020	4/30/2028	27,000	7,000	0.945%	0.945%					7,000		
81	2028	Technology (G)	-	7/15/2024	9/30/2028	5,000	5,000	4.190%	4.190%					5,000		
82	2028	Technology (G)	-	7/31/2024	9/30/2028	5,000	5,000	4.132%	4.132%					5,000		
83	2028	Construction (AS)	-	3/31/2023	9/30/2028	2,000	2,000	3.855%	3.855%					2,000		
84	2028	Corps	-	7/15/2024	9/30/2029	8,000	8,000	4.182%	4.182%					8,000		
85	2028	Corps	-	7/31/2024	9/30/2029	7,000	7,000	4.123%	4.123%					7,000		
86	2028	Construction (AS)	-	9/30/2024	9/30/2029	-	10,000	3.789%	3.789%					10,000		
87	2028	Construction (AS)	-	3/31/2025	3/31/2030	-	6,800	3.649%	3.649%					6,800		
88	2028	Technology (G)	-	3/31/2025	3/31/2030	-	900	3.649%	3.649%					900		
89	2028	Bureau Direct	-	7/31/2024	9/30/2030	8,000	8,000	4.152%	4.152%					8,000		
90	2028	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	5,300	4.212%	4.212%					5,300		
91	2028	Fish and Wildlife	-	7/31/2024	9/30/2030	4,000	4,000	4.152%	4.152%					4,000		
92	2028	Fish and Wildlife	-	9/30/2024	9/30/2039	-	10,000	4.140%	4.139%					10,000		
93	2028	Fish and Wildlife	-	3/31/2025	3/31/2040	-	56,300	4.212%	4.212%					56,300		
94	2028	Corps	-	2/28/2023	2/28/2050	21,000	21,000	3.595%	3.595%					21,000		
95	2028	Corps	-	2/28/2023	2/28/2050	19,000	19,000	3.595%	3.595%					19,000		
96	2028	Bonneville Dam	Corps of Engineers	9/30/2011	9/30/2061	10,962	10,962	3.750%	3.750%					10,962		
97	2028	Chief Joseph	Corps of Engineers	9/30/2011	9/30/2061	4	4	3.750%	3.750%					4		
98	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	106,014	3.750%	3.750%					106,014		
99	2028	Cougar	Corps of Engineers	9/30/2011	9/30/2061	282	282	3.750%	3.750%					282		
100	2028	Green Peter/Foster	Corps of Engineers	9/30/2011	9/30/2061	87	87	3.750%	3.750%					87		
101	2028	Hills Creek	Corps of Engineers	9/30/2011	9/30/2061	12	12	3.750%	3.750%					12		
102	2028	Ice Harbor	Corps of Engineers	9/30/2011	9/30/2061	819	819	3.750%	3.750%					819		
103	2028	John Day	Corps of Engineers	9/30/2011	9/30/2061	175	175	3.750%	3.750%					175		
104	2028	Libby	Corps of Engineers	9/30/2011	9/30/2061	152	152	3.750%	3.750%					152		
105	2028	Lookout Dam	Corps of Engineers	9/30/2011	9/30/2061	17	17	3.750%	3.750%					17		
106	2028	Lost Creek	Corps of Engineers	9/30/2011	9/30/2061	7	7	3.750%	3.750%					7		
107	2028	Lower Granite	Corps of Engineers	9/30/2011	9/30/2061	8	8	3.750%	3.750%					8		
108	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2011	9/30/2061	122	122	3.750%	3.750%					122		
109	2028	McNary	Corps of Engineers	9/30/2011	9/30/2061	565	565	3.750%	3.750%					565		
110	2028	Cougar	Corps of Engineers	9/30/2012	9/30/2062	139	139	3.375%	3.375%					139		
111	2028	Green Peter/Foster	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
112	2028	Chief Joseph	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
113	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	101,616	3.375%	3.375%					96,479		
114	2028	Hills Creek	Corps of Engineers	9/30/2012	9/30/2062	142	142	3.375%	3.375%					142		
115	2028	Ice Harbor	Corps of Engineers	9/30/2012	9/30/2062	115	115	3.375%	3.375%					115		
116	2028	John Day	Corps of Engineers	9/30/2012	9/30/2062	6,161	6,050	3.375%	3.375%					6,050		
117	2028	Libby	Corps of Engineers	9/30/2012	9/30/2062	16	16	3.375%	3.375%					16		
118	2028	Lookout Dam	Corps of Engineers	9/30/2012	9/30/2062	294	294	3.375%	3.375%					294		
119	2028	Lower Monument	Corps of Engineers	9/30/2012	9/30/2062	89	89	3.375%	3.375%					89		
120	2028	McNary	Corps of Engineers	9/30/2012	9/30/2062	12	11	3.375%	3.375%					11		
121	2028	Cougar	Corps of Engineers	9/30/2014	9/30/2064	12	12	3.875%	3.875%					12		
122	2028	Bonneville Dam	Corps of Engineers	9/30/2014	9/30/2064	0		3.875%	3.875%							
123	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	109,737	3.875%	3.875%					109,737		
124	2028	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2014	9/30/2064	18	18	3.875%	3.875%					18		
125	2028	Green Peter/Foster	Corps of Engineers	9/30/2014	9/30/2064	385	385	3.875%	3.875%					385		
126	2028	Lower Granite	Corps of Engineers	9/30/2014	9/30/2064	2,644	2,644	3.875%	3.875%					2,644		

TABLE 13C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
127	2028	Lower Monument	Corps of Engineers	9/30/2014	9/30/2064	1,430	1,430	3.875%	3.875%					1,430		
128	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2014	9/30/2064	222	222	3.875%	3.875%					222		
129	2028	McNary	Corps of Engineers	9/30/2014	9/30/2064	759	759	3.875%	3.875%					759		
130	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2025	9/30/2075	-	12,651	4.125%	4.125%					12,651		
131	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2026	9/30/2076	-	51,524	3.736%	3.736%					51,524		
132	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2027	9/30/2077	-	4,704	3.601%	3.601%					4,704		
133		FY 2028 Subtotal:	-	-	-	458,404	590,136	-						585,000		
134	2029	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	21,078	3.880%	3.880%					21,078		
135	2029	Technology (G)	-	3/31/2026	3/31/2031	-	1,400	3.198%	3.198%					1,400		
136	2029	Construction (AS)	-	3/31/2027	3/31/2032	-	9,800	3.087%	3.087%					9,800		
137	2029	Technology (G)	-	3/31/2027	3/31/2032	-	1,400	3.087%	3.087%					1,400		
138	2029	Fish and Wildlife	-	3/31/2027	3/31/2042	-	67,000	3.661%	3.661%					67,000		
139	2029	Corps	-	2/28/2022	2/28/2051	35,000	35,000	2.825%	2.825%					35,000		
140	2029	Corps	-	2/28/2022	2/29/2052	34,000	34,000	2.829%	2.829%					34,000		
141	2029	Bureau Direct	-	2/28/2022	2/29/2052	9,000	9,000	2.829%	2.829%					9,000		
142	2029	Bureau Direct	-	3/31/2027	3/31/2057	-	50,800	4.181%	4.181%					50,800		
143	2029	Corps	-	5/31/2027	5/31/2057	-	24,000	4.181%	4.181%					24,000		
144	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	5,136	3.375%	3.375%					5,136		
145	2029	Bonneville Dam	Corps of Engineers	9/30/2013	9/30/2063	268	268	2.875%	2.875%					268		
146	2029	Chief Joseph	Corps of Engineers	9/30/2013	9/30/2063	10	10	2.875%	2.875%					10		
147	2029	Columbia Basin	Bureau of Reclamation	9/30/2013	9/30/2063	3,078	3,078	2.875%	2.875%					3,078		
148	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	84,600	2.875%	2.875%					84,600		
149	2029	Cougar	Corps of Engineers	9/30/2013	9/30/2063	4,088	4,088	2.875%	2.875%					4,088		
150	2029	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2013	9/30/2063	528	528	2.875%	2.875%					528		
151	2029	Little Goose	Corps of Engineers	9/30/2013	9/30/2063	66	66	2.875%	2.875%					66		
152	2029	McNary	Corps of Engineers	9/30/2013	9/30/2063	1,000	1,000	2.875%	2.875%					1,000		
153	2029	Bonneville Dam	Corps of Engineers	9/30/2015	9/30/2065	102	102	3.250%	3.250%					102		
154	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	64,291	3.250%	3.250%					64,291		
155	2029	Green Peter/Foster	Corps of Engineers	9/30/2015	9/30/2065	68	68	3.250%	3.250%					68		
156	2029	Ice Harbor	Corps of Engineers	9/30/2015	9/30/2065	3,175	3,175	3.250%	3.250%					3,175		
157	2029	Lower Granite	Corps of Engineers	9/30/2015	9/30/2065	1,597	1,597	3.250%	3.250%					1,597		
158	2029	Minidoka/Palisades	Bureau of Reclamation	9/30/2015	9/30/2065	19,237	15,518	3.250%	3.250%					15,518		
159	2029	The Dalles	Corps of Engineers	9/30/2015	9/30/2065	302	302	3.250%	3.250%					302		
160	2029	Boise	Bureau of Reclamation	9/30/2016	9/30/2066	118		3.000%	3.000%							
161	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2016	9/30/2066	30,066	29,635	3.000%	3.000%					29,635		
162	2029	Cougar	Corps of Engineers	9/30/2016	9/30/2066	2	2	3.000%	3.000%					2		
163	2029	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2016	9/30/2066	31	31	3.000%	3.000%					31		
164	2029	Green Peter/Foster	Corps of Engineers	9/30/2016	9/30/2066	70	70	3.000%	3.000%					70		
165	2029	Ice Harbor	Corps of Engineers	9/30/2016	9/30/2066	558	558	3.000%	3.000%					558		
166	2029	Lower Granite	Corps of Engineers	9/30/2016	9/30/2066	1,878	1,878	3.000%	3.000%					1,878		
167	2029	Lower Monument	Corps of Engineers	9/30/2016	9/30/2066	155	155	3.000%	3.000%					155		
168	2029	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2016	9/30/2066	1,256	1,256	3.000%	3.000%					1,256		
169	2029	The Dalles	Corps of Engineers	9/30/2016	9/30/2066	4	4	3.000%	3.000%					4		
170	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	48,446	2.750%	2.750%					2,732		
171	2029	Libby	Corps of Engineers	9/30/2018	9/30/2068	282	282	2.750%	2.750%					282		
172	2029	Little Goose	Corps of Engineers	9/30/2018	9/30/2068	2,707	2,707	2.750%	2.750%					2,707		
173	2029	Minidoka/Palisades	Bureau of Reclamation	9/30/2018	9/30/2068	145	145	2.750%	2.750%					145		
174	2029	The Dalles	Corps of Engineers	9/30/2018	9/30/2068	15	15	2.750%	2.750%					15		
175	2029	Bonneville Dam	Corps of Engineers	9/30/2019	9/30/2069	703	736	3.125%	3.125%					736		
176	2029	Columbia Basin	Bureau of Reclamation	9/30/2019	9/30/2069	4,130	4,221	3.125%	3.125%					4,221		
177	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2019	9/30/2069	49,505	47,997	3.125%	3.125%					47,997		
178	2029	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2019	9/30/2069	2	2	3.125%	3.125%					2		
179	2029	Green Peter/Foster	Corps of Engineers	9/30/2019	9/30/2069	10	10	3.125%	3.125%					10		
180	2029	Ice Harbor	Corps of Engineers	9/30/2019	9/30/2069	630	630	3.125%	3.125%					630		
181	2029	McNary	Corps of Engineers	9/30/2019	9/30/2069	479	479	3.125%	3.125%					479		
182	2029	RRP - Green Springs	Bureau of Reclamation	9/30/2019	9/30/2069	1,099	1,099	3.125%	3.125%					1,099		
183	2029	The Dalles	Corps of Engineers	9/30/2019	9/30/2069	129	158	3.125%	3.125%					158		
184	2029	Columbia Basin	Bureau of Reclamation	9/30/2023	9/30/2073	32	32	3.375%	3.375%					32		
185	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2023	9/30/2073	4,472	4,472	3.375%	3.375%					4,472		
186	2029	Hungry Horse Dam	Bureau of Reclamation	9/30/2023	9/30/2073	4	4	3.375%	3.375%					4		
187	2029	RRP - Green Springs	Bureau of Reclamation	9/30/2023	9/30/2073	9	9	3.375%	3.375%					9		
188	2029	Columbia River Fish Mitigation	Corps of Engineers	9/30/2028	9/30/2078	-	4,679	3.586%	3.586%					4,679		
189		FY 2029 Subtotal:	-	-	-	541,637	587,018	-						541,304		
190	2030	Fish and Wildlife	-	3/31/2020	3/31/2030	8,000	8,000	1.274%	1.274%					8,000		
191	2030	Corps	-	5/31/2016	5/31/2030	15,000	15,000	2.599%	2.599%					15,000		
192	2030	Bureau Direct	-	7/31/2016	7/31/2030	12,000	12,000	2.145%	2.145%					12,000		
193	2030	Corps	-	7/31/2016	7/31/2030	25,000	25,000	2.145%	2.145%					25,000		

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FY 2028
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
194	2030	Bureau Direct	-	3/31/2028	3/31/2058	-	61,600	4.143%	4.143%					61,600		
195	2030	Corps	-	3/31/2028	3/31/2058	-	74,933	4.143%	4.143%					74,933		
196	2030	Corps	-	4/30/2028	4/30/2058	-	74,933	4.143%	4.143%					74,933		
197	2030	Corps	-	5/31/2028	5/31/2058	-	74,933	4.143%	4.143%					74,933		
198	2030	Bureau Direct	-	9/30/2028	9/30/2058	-	20,778	4.143%	4.143%					20,778		
199	2030	Corps	-	9/30/2028	9/30/2058	-	99,765	4.143%	4.143%					37,225		
200		FY 2030 Subtotal:	-	-	-	60,000	466,943	-						404,403		
201	2031	Corps	-	4/30/2016	4/30/2031	53,000	19,393	2.661%	2.661%					19,393		
202	2031	Bureau Direct	-	4/30/2016	4/30/2031	17,000	17,000	2.661%	2.661%					17,000		
203	2031	Construction (AS)	-	3/31/2028	3/31/2033	-	10,600	3.081%	3.081%					10,600		
204	2031	Technology (G)	-	3/31/2028	3/31/2033	-	4,600	3.081%	3.081%					4,600		
205	2031	Construction (AS)	-	9/30/2028	9/30/2033	-	17,093	3.081%	3.081%					17,093		
206	2031	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	38,000	2.515%	2.515%					17,656		
207	2031	Corps	-	2/17/2022	2/28/2042	37,000	37,000	2.732%	2.732%					37,000		
208	2031	Fish and Wildlife	-	3/31/2028	3/31/2043	-	64,100	3.639%	3.639%					64,100		
209	2031	Fish and Wildlife	-	9/30/2028	9/30/2043	-	12,358	3.639%	3.639%					12,358		
210	2031	Corps	-	9/30/2028	9/30/2058	-	62,540	4.143%	4.143%					62,540		
211	2031	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	45,714	2.750%	2.750%					45,714		
212	2031	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2018	9/30/2068	1,608	1,608	2.750%	2.750%					1,608		
213		FY 2031 Subtotal:	-	-	-	195,054	330,007	-						309,663		
214	2032	Bureau Direct	-	5/31/2020	5/31/2032	16,000	16,000	1.188%	1.188%					16,000		
215	2032	Bureau Direct	-	5/31/2020	5/31/2032	10,000	10,000	1.188%	1.188%					10,000		
216	2032	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	20,344	2.515%	2.515%					20,344		
217	2032	Bureau Direct	-	3/31/2020	6/30/2046	26,000	26,000	2.083%	2.083%					26,000		
218	2032	Corps	-	3/31/2020	9/30/2047	24,000	24,000	2.103%	2.103%					24,000		
219	2032	Corps	-	5/31/2020	11/30/2048	25,000	25,000	1.957%	1.957%					9,022		
220	2032	Columbia Basin	Bureau of Reclamation	9/30/2017	9/30/2067	2,865	2,865	2.375%	2.375%					2,865		
221	2032	Cougar	Corps of Engineers	9/30/2017	9/30/2067	2	2	2.375%	2.375%					2		
222	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	55,950	2.375%	2.375%					55,950		
223	2032	Lower Monument	Corps of Engineers	9/30/2017	9/30/2067	942	942	2.375%	2.375%					942		
224	2032	McNary	Corps of Engineers	9/30/2017	9/30/2067	239	239	2.375%	2.375%					239		
225	2032	The Dalles	Corps of Engineers	9/30/2017	9/30/2067	10	10	2.375%	2.375%					10		
226	2032	Columbia Basin	Bureau of Reclamation	9/30/2020	9/30/2070	202	63	2.125%	2.125%					63		
227	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	82,089	2.125%	2.125%					82,089		
228	2032	Cougar	Corps of Engineers	9/30/2020	9/30/2070	267	267	2.125%	2.125%					267		
229	2032	Dworshak	Corps of Engineers	9/30/2020	9/30/2070	29	29	2.125%	2.125%					29		
230	2032	Green Peter/Foster	Corps of Engineers	9/30/2020	9/30/2070	1	1	2.125%	2.125%					1		
231	2032	Libby	Corps of Engineers	9/30/2020	9/30/2070	5	5	2.125%	2.125%					5		
232	2032	Little Goose	Corps of Engineers	9/30/2020	9/30/2070	5,504	5,504	2.125%	2.125%					5,504		
233	2032	Lower Granite	Corps of Engineers	9/30/2020	9/30/2070	18,822	18,822	2.125%	2.125%					18,822		
234	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2020	9/30/2070	295	295	2.125%	2.125%					295		
235		FY 2032 Subtotal:	-	-	-	308,296	288,428	-						272,449		
236	2033	Bureau Direct	-	6/30/2020	6/30/2033	11,000	11,000	1.238%	1.238%					11,000		
237	2033	Bureau Direct	-	6/30/2020	6/30/2033	12,000	12,000	1.238%	1.238%					12,000		
238	2033	Bureau Direct	-	7/31/2020	7/31/2033	15,000	15,000	1.157%	1.157%					15,000		
239	2033	Bureau Direct	-	5/31/2020	5/31/2043	24,000	24,000	1.869%	1.869%					24,000		
240	2033	Bureau Direct	-	4/30/2020	4/30/2045	30,000	30,000	1.760%	1.760%					16,604		
241	2033	Corps	-	5/31/2020	5/31/2048	21,000	21,000	1.953%	1.953%					21,000		
242	2033	Corps	-	5/31/2020	11/30/2048	25,000	15,978	1.957%	1.957%					15,978		
243	2033	Corps	-	6/30/2020	6/30/2049	24,000	24,000	1.812%	1.812%					24,000		
244	2033	Bureau Direct	-	6/30/2020	6/30/2049	10,000	10,000	1.812%	1.812%					10,000		
245	2033	Bureau Direct	-	6/30/2020	6/30/2049	16,000	16,000	1.812%	1.812%					16,000		
246	2033	Corps	-	4/30/2020	4/30/2050	50,000	50,000	1.827%	1.827%					50,000		
247	2033	Columbia Basin	Bureau of Reclamation	9/30/2022	9/30/2072	13,165	13,165	1.875%	1.875%					13,165		
248	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2022	9/30/2072	1,574	1,574	1.875%	1.875%					1,574		
249	2033	RRP - Green Springs	Bureau of Reclamation	9/30/2022	9/30/2072	1	1	1.875%	1.875%					1		
250		FY 2033 Subtotal:	-	-	-	252,739	243,718	-						230,322		
251	2034	Bureau Direct	-	7/31/2020	1/31/2041	35,000	35,000	1.457%	1.457%					35,000		
252	2034	Corps	-	4/30/2020	4/30/2044	40,000	40,000	1.744%	1.744%					40,000		
253	2034	Bureau Direct	-	4/30/2020	4/30/2045	30,000	13,396	1.760%	1.760%					13,396		
254	2034	Corps	-	7/31/2020	1/31/2046	2,000	2,000	1.640%	1.640%					2,000		
255	2034	Bureau Direct	-	7/31/2020	1/31/2046	13,000	13,000	1.640%	1.640%					13,000		
256	2034	Corps	-	7/31/2020	7/31/2046	32,000	32,000	1.651%	1.651%					32,000		
257	2034	Corps	-	7/31/2020	7/31/2047	64,000	64,000	1.667%	1.667%					64,000		

TABLE 13C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
258	2034	Bureau Direct	-	7/31/2020	7/31/2049	17,000	17,000	1.680%	1.680%					17,000		
259	2034	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	80,420	1.375%	1.375%					33,437		
260	2034	Dworshak	Corps of Engineers	9/30/2021	9/30/2071	2	2	1.375%	1.375%					2		
261	2034	Little Goose	Corps of Engineers	9/30/2021	9/30/2071	7	7	1.375%	1.375%					7		
262	2034	Lower Granite	Corps of Engineers	9/30/2021	9/30/2071	423	423	1.375%	1.375%					423		
263		FY 2034 Subtotal:	-	-	-	313,852	297,249	-	-					250,266		
264	2035	Replacements	-	3/31/2029	3/31/2064	265,989	265,989	4.059%	4.059%					199,979		
265	2035	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	46,983	1.375%	1.375%					46,983		
266		FY 2035 Subtotal:	-	-	-	346,409	312,972	-	-					246,963		
267	2036	Replacements	-	3/31/2029	3/31/2064	265,989	66,009	4.059%	4.059%					66,009		
268	2036	Replacements	-	3/31/2030	3/31/2065	265,989	265,989	4.059%	4.059%					166,664		
269		FY 2036 Subtotal:	-	-	-	531,977	331,998	-	-					232,673		
270	2037	Replacements	-	3/31/2030	3/31/2065	265,989	99,324	4.059%	4.059%					99,324		
271	2037	Replacements	-	3/31/2031	3/31/2066	265,989	265,989	4.059%	4.059%					154,017		
272		FY 2037 Subtotal:	-	-	-	531,977	365,313	-	-					253,341		
273	2038	Replacements	-	3/31/2031	3/31/2066	265,989	111,972	4.059%	4.059%					111,972		
274	2038	Replacements	-	3/31/2032	3/31/2067	265,989	265,989	4.059%	4.059%					165,382		
275		FY 2038 Subtotal:	-	-	-	531,977	377,960	-	-					277,353		
276	2039	Replacements	-	3/31/2032	3/31/2067	265,989	100,607	4.059%	4.059%					100,607		
277	2039	Replacements	-	3/31/2033	3/31/2068	265,989	265,989	4.059%	4.059%					170,778		
278		FY 2039 Subtotal:	-	-	-	531,977	366,595	-	-					271,385		
279	2040	Replacements	-	3/31/2033	3/31/2068	265,989	95,211	4.059%	4.059%					95,211		
280	2040	Replacements	-	3/31/2034	3/31/2069	265,989	265,989	4.059%	4.059%					197,836		
281		FY 2040 Subtotal:	-	-	-	531,977	361,199	-	-					293,047		
282	2041	Replacements	-	3/31/2034	3/31/2069	265,989	68,152	4.059%	4.059%					68,152		
283	2041	Replacements	-	3/31/2035	3/31/2070	265,989	265,989	4.059%	4.059%					158,266		
284		FY 2041 Subtotal:	-	-	-	531,977	334,141	-	-					226,418		
285	2042	Replacements	-	3/31/2035	3/31/2070	265,989	107,722	4.059%	4.059%					107,722		
286	2042	Replacements	-	3/31/2036	3/31/2071	265,989	265,989	4.059%	4.059%					198,391		
287		FY 2042 Subtotal:	-	-	-	531,977	373,711	-	-					306,113		
288	2043	Replacements	-	3/31/2036	3/31/2071	265,989	67,597	4.059%	4.059%					67,597		
289	2043	Replacements	-	3/31/2037	3/31/2072	265,989	265,989	4.059%	4.059%					265,989		
290	2043	Replacements	-	3/31/2038	3/31/2073	265,989	265,989	4.059%	4.059%					95,267		
291		FY 2043 Subtotal:	-	-	-	797,966	599,574	-	-					428,852		
292	2044	Replacements	-	3/31/2038	3/31/2073	265,989	170,722	4.059%	4.059%					170,722		
293	2044	Replacements	-	3/31/2039	3/31/2074	265,989	265,989	4.059%	4.059%					265,989		
294	2044	Replacements	-	3/31/2040	3/31/2075	265,989	265,989	4.059%	4.059%					253,264		
295		FY 2044 Subtotal:	-	-	-	797,966	702,699	-	-					689,974		
296	2045	Replacements	-	3/31/2040	3/31/2075	265,989	12,725	4.059%	4.059%					12,725		
297	2045	Replacements	-	3/31/2041	3/31/2076	265,989	265,989	4.059%	4.059%					265,989		
298	2045	Replacements	-	3/31/2042	3/31/2077	265,989	265,989	4.059%	4.059%					128,582		
299		FY 2045 Subtotal:	-	-	-	797,966	544,702	-	-					407,295		
300	2046	Replacements	-	3/31/2042	3/31/2077	265,989	137,407	4.059%	4.059%					137,407		
301	2046	Replacements	-	3/31/2043	3/31/2078	265,989	265,989	4.059%	4.059%					265,989		
302	2046	Replacements	-	3/31/2044	3/31/2079	265,989	265,989	4.059%	4.059%					22,342		
303		FY 2046 Subtotal:	-	-	-	797,966	669,384	-	-					425,737		
304	2047	Replacements	-	3/31/2044	3/31/2079	265,989	243,647	4.059%	4.059%					243,647		
305	2047	Replacements	-	3/31/2045	3/31/2080	265,989	265,989	4.059%	4.059%					188,720		
306		FY 2047 Subtotal:	-	-	-	531,977	509,635	-	-					432,366		
307	2048	Replacements	-	3/31/2045	3/31/2080	265,989	77,269	4.059%	4.059%					77,269		
308	2048	Replacements	-	3/31/2046	3/31/2081	265,989	265,989	4.059%	4.059%					265,989		
309	2048	Replacements	-	3/31/2047	3/31/2082	265,989	265,989	4.059%	4.059%					96,018		
310		FY 2048 Subtotal:	-	-	-	797,966	609,246	-	-					439,275		
311	2049	Replacements	-	3/31/2047	3/31/2082	265,989	169,971	4.059%	4.059%					169,971		
312	2049	Replacements	-	3/31/2048	3/31/2083	265,989	265,989	4.059%	4.059%					265,989		
313		FY 2049 Subtotal:	-	-	-	531,977	435,959	-	-					435,959		
314	2050	Replacements	-	3/31/2049	3/31/2084	265,989	265,989	4.059%	4.059%					265,989		
315		FY 2050 Subtotal:	-	-	-	265,989	265,989	-	-					265,989		
316	2051	Replacements	-	3/31/2050	3/31/2085	265,989	265,989	4.059%	4.059%					265,989		
317		FY 2051 Subtotal:	-	-	-	265,989	265,989	-	-					265,989		
318	2052	Replacements	-	3/31/2051	3/31/2086	265,989	265,989	4.059%	4.059%					265,989		
319		FY 2052 Subtotal:	-	-	-	265,989	265,989	-	-					265,989		
320	2053	Replacements	-	3/31/2052	3/31/2087	265,989	265,989	4.059%	4.059%					265,989		
321		FY 2053 Subtotal:	-	-	-	265,989	265,989	-	-					265,989		
322	2054	Replacements	-	3/31/2053	3/31/2088	265,989	265,989	4.059%	4.059%					265,989		
323		FY 2054 Subtotal:	-	-	-	265,989	265,989	-	-					265,989		
324	2055	Replacements	-	3/31/2054	3/31/2089	265,989	265,989	4.059%	4.059%					265,989		

TABLE 13C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
325	FY 2055 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
326	Replacements	-	3/31/2055	3/31/2090	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
327	FY 2056 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
328	Replacements	-	3/31/2056	3/31/2091	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
329	FY 2057 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
330	Replacements	-	3/31/2057	3/31/2092	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
331	FY 2058 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
332	Replacements	-	3/31/2058	3/31/2093	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
333	FY 2059 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
334	Replacements	-	3/31/2059	3/31/2094	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
335	FY 2060 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
336	Replacements	-	3/31/2060	3/31/2095	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
337	FY 2061 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
338	Replacements	-	3/31/2061	3/31/2096	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
339	FY 2062 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
340	Replacements	-	3/31/2062	3/31/2097	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
341	FY 2063 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
342	Replacements	-	3/31/2063	3/31/2098	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
343	FY 2064 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
344	Replacements	-	3/31/2064	3/31/2099	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
345	FY 2065 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
346	Replacements	-	3/31/2065	3/31/2100	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
347	FY 2066 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
348	Replacements	-	3/31/2066	3/31/2101	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
349	FY 2067 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
350	Replacements	-	3/31/2067	3/31/2102	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
351	FY 2068 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
352	Replacements	-	3/31/2068	3/31/2103	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
353	FY 2069 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
354	Replacements	-	3/31/2069	3/31/2104	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
355	FY 2070 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
356	Replacements	-	3/31/2070	3/31/2105	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
357	FY 2071 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
358	Replacements	-	3/31/2071	3/31/2106	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
359	FY 2072 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
360	Replacements	-	3/31/2072	3/31/2107	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
361	FY 2073 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
362	Replacements	-	3/31/2073	3/31/2108	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
363	FY 2074 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
364	Replacements	-	3/31/2074	3/31/2109	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
365	FY 2075 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
366	Replacements	-	3/31/2075	3/31/2110	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
367	FY 2076 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
368	Replacements	-	3/31/2076	3/31/2111	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
369	FY 2077 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
370	Replacements	-	3/31/2077	3/31/2112	265,989	265,989	4.059%	4.059%	-	-	-	-	265,989	-	-
371	FY 2078 Subtotal:	-	-	-	265,989	265,989	-	-	-	-	-	-	265,989	-	-
372	Grand Total				19,991,036	19,193,031							17,404,826		

**TABLE 13D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
1	Appropriation	Bureau of Reclamation																	
2			Boise							-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	538	538	538	538	538	538	316	316	316	123	-	-	-	-	-	-
4			Hungry Horse Dam							-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	508	508	508	508	508	508	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	35	35	35	35	35	35					-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	1,081	1,081	1,081	1,081	1,081	1,081	316	316	316	123	-	-	-	-	-	-
8		Corps of Engineers																	
9			Albion Falls	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Bonneville Dam	626	626	445	445	445	34	-	-	-	-	-	-	-	-	-	-
11			Chief Joseph	1,083	1,083	1	1	1		-	-	-	-	-	-	-	-	-	-
12			Columbia River Fish Mitigation	31,190	31,778	24,782	26,707	26,876	12,944	5,466	5,466	3,336	1,121	876	323	-	-	-	-
13			Cougar	147	147	139	139	139	123	6	6	3	-	-	-	-	-	-	-
14			Detroit Lake/Big Cliff	17	17	17	17	17	16	-	-	-	-	-	-	-	-	-	-
15			Dworshak	1	1	1	1	1	1	1	1			-	-	-	-	-	-
16			Green Peter/Foster	24	24	24	24	24	4				-	-	-	-	-	-	-
17			Hills Creek	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-
18			Ice Harbor	183	183	174	174	174	140	-	-	-	-	-	-	-	-	-	-
19			John Day	226	226	211	211	211	-	-	-	-	-	-	-	-	-	-	-
20			Libby	16	16	14	14	14	8				-	-	-	-	-	-	-
21			Little Goose	195	195	193	193	193	193	117	117	59		-	-	-	-	-	-
22			Lookout Dam	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-	-
23			Lost Creek						-	-	-	-	-	-	-	-	-	-	-
24			Lower Granite	685	685	617	617	617	514	406	406	206	6	3	-	-	-	-	-
25			Lower Monument	85	85	85	85	85	27	22	22	22	-	-	-	-	-	-	-
26			McNary	100	100	100	100	100	49	6	6	6	-	-	-	-	-	-	-
27			The Dalles	16	16	16	16	16	16				-	-	-	-	-	-	-
28			Corps of Engineers Subtotal:	34,611	35,199	26,835	28,760	28,929	14,069	6,023	6,023	3,632	1,126	879	323	-	-	-	-
29		Lower Snake Fish & Wildlife																	
30			Lower Snake Fish and Wildlife	169	169	101	101	101	88	50	50	3	-	-	-	-	-	-	-
31			Lower Snake Fish & Wildlife Subtotal:	169	169	101	101	101	88	50	50	3	-	-	-	-	-	-	-
32	Interest Income	Appropriation Subtotal:		35,861	36,449	28,017	29,942	30,111	15,238	6,390	6,390	3,951	1,250	879	323	-	-	-	-
33		BPA Borrowing	(Less Interest Income)	(2,742)	(2,314)	(1,906)	(1,823)	(2,367)	(2,146)	(1,598)	(1,272)	(1,112)	(976)	(1,040)	(1,065)	(1,091)	(1,121)	(1,149)	(1,178)
34			BPA Borrowing Subtotal:	(2,742)	(2,314)	(1,906)	(1,823)	(2,367)	(2,146)	(1,598)	(1,272)	(1,112)	(976)	(1,040)	(1,065)	(1,091)	(1,121)	(1,149)	(1,178)
35		Interest Income Subtotal:		(2,742)	(2,314)	(1,906)	(1,823)	(2,367)	(2,146)	(1,598)	(1,272)	(1,112)	(976)	(1,040)	(1,065)	(1,091)	(1,121)	(1,149)	(1,178)
36	Treasury	BPA Borrowing																	
37			Bureau Direct	17,356	9,989	7,808	6,938	8,295	9,076	6,181	4,218	3,494	2,679	740	-	-	-	-	-
38			Interest Accrual	1,941	1,244	1,244	1,244	1,244	1,223	1,180	992	753	264	-	-	-	-	-	-
39			Interest Accrual Reversal	(3,352)	(1,941)	(1,244)	(1,244)	(1,244)	(1,244)	(1,223)	(1,180)	(992)	(753)	(264)	-	-	-	-	-
40			Conservation	4,308	58	58	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Construction (AS)	247	580	878	855	856	1,004	853	427	-	-	-	-	-	-	-	-
42			Corps	18,961	18,331	24,727	21,853	13,841	22,948	18,652	7,392	4,826	4,179	1,512	-	-	-	-	-
43			Interest Accrual	3,065	4,541	4,462	2,516	4,695	4,194	1,647	1,347	1,288	558	-	-	-	-	-	-
44			Interest Accrual Reversal	(3,149)	(3,065)	(4,541)	(4,462)	(2,516)	(4,695)	(4,194)	(1,647)	(1,347)	(1,288)	(558)	-	-	-	-	-
45			Fish and Wildlife	7,455	7,546	7,235	6,358	7,117	5,473	3,786	2,122	254	-	-	-	-	-	-	-
46			Interest Accrual	1,187	819	420	420	420	81	81	43	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	(1,108)	(1,187)	(819)	(420)	(420)	(420)	(81)	(81)	(43)	-	-	-	-	-	-	-
48			Technology (G)	197	708	471	515	591	186	142	71	-	-	-	-	-	-	-	-
49			Interest Accrual	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50			Interest Accrual Reversal	(66)	(143)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51			BPA Borrowing Subtotal:	47,186	37,478	40,700	34,573	32,880	37,826	27,024	13,705	8,233	5,639	1,429	-	-	-	-	-
52		Federal Generation Replacements																	
53			Replacements	-	-	-	-	-	5,399	16,196	26,993	37,790	48,588	59,385	66,123	68,139	69,072	69,098	68,758
54			Federal Generation Replacements Subtotal:	-	-	-	-	-	5,399	16,196	26,993	37,790	48,588	59,385	66,123	68,139	69,072	69,098	68,758
55		Treasury Subtotal:		47,186	37,478	40,700	34,573	32,880	43,224	43,220	40,698	46,024	54,227	60,814	66,123	68,139	69,072	69,098	68,758
56	Grand Total:			80,305	71,613	66,811	62,692	60,624	56,317	48,013	45,815	48,863	54,501	60,654	65,382	67,048	67,951	67,949	67,580

**TABLE 13D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	Obligation Type	General Project	Specific Project	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Interest Income	Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31		BPA Borrowing	(Less Interest Income)	(1,205)	(1,234)	(1,253)	(1,693)	(2,624)	(1,617)	(1,627)	(1,639)	(1,652)	(1,665)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
32			BPA Borrowing Subtotal:	(1,205)	(1,234)	(1,253)	(1,693)	(2,624)	(1,617)	(1,627)	(1,639)	(1,652)	(1,665)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
33		Interest Income Subtotal:		(1,205)	(1,234)	(1,253)	(1,693)	(2,624)	(1,617)	(1,627)	(1,639)	(1,652)	(1,665)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45		Technology (G)	Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	68,099	68,353	68,342	64,222	52,311	40,838	34,727	28,108	21,214	14,247	10,797	10,797	10,797	10,797	10,797	10,797
50			Federal Generation Replacements Subtotal:	68,099	68,353	68,342	64,222	52,311	40,838	34,727	28,108	21,214	14,247	10,797	10,797	10,797	10,797	10,797	10,797
51	Grand Total:	Treasury Subtotal:		68,099	68,353	68,342	64,222	52,311	40,838	34,727	28,108	21,214	14,247	10,797	10,797	10,797	10,797	10,797	10,797
52		Grand Total:		66,895	67,120	67,089	62,529	49,687	39,221	33,100	26,469	19,562	12,582	9,120	9,120	9,120	9,120	9,120	9,120

**TABLE 13D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY
1	Obligation Type	General Project	Specific Project	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Interest Income	Appropriation Subtotal:			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31		BPA Borrowing	(Less Interest Income)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
32			BPA Borrowing Subtotal:	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
33			Interest Income Subtotal:	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45		Technology (G)	Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797
50			Federal Generation Replacements Subtotal:	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797
51	Grand Total:	Treasury Subtotal:			10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797	10,797
52		Grand Total:			9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120	9,120

**TABLE 13D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	AZ	BA	BB	BC	BD	BE	BF	BG
1	Obligation Type	General Project	Specific Project	2072	2073	2074	2075	2076	2077	2078	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	4,298
4			Hungry Horse Dam	-	-	-	-	-	-	-	1
5			Minidoka/Palisades	-	-	-	-	-	-	-	3,050
6			RRP - Green Springs	-	-	-	-	-	-	-	208
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	7,557
8		Corps of Engineers	Albani Falls	-	-	-	-	-	-	-	4
9			Bonneville Dam	-	-	-	-	-	-	-	2,621
10			Chief Joseph	-	-	-	-	-	-	-	2,171
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	170,863
12			Cougar	-	-	-	-	-	-	-	848
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	100
14			Dworshak	-	-	-	-	-	-	-	6
15			Green Peter/Foster	-	-	-	-	-	-	-	123
16			Hills Creek	-	-	-	-	-	-	-	26
17			Ice Harbor	-	-	-	-	-	-	-	1,028
18			John Day	-	-	-	-	-	-	-	1,084
19			Libby	-	-	-	-	-	-	-	82
20			Little Goose	-	-	-	-	-	-	-	1,456
21			Lookout Dam	-	-	-	-	-	-	-	53
22			Lost Creek	-	-	-	-	-	-	-	1
23			Lower Granite	-	-	-	-	-	-	-	4,761
24			Lower Monument	-	-	-	-	-	-	-	522
25			McNary	-	-	-	-	-	-	-	568
26			The Dalles	-	-	-	-	-	-	-	94
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	186,411
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	834
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	834
30		Appropriation Subtotal:		-	-	-	-	-	-	-	194,802
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(89,764)
32			BPA Borrowing Subtotal:	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(89,764)
33		Interest Income Subtotal:		(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(1,678)	(89,764)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	76,774
35			Interest Accrual	-	-	-	-	-	-	-	11,330
36			Interest Accrual Reversal	-	-	-	-	-	-	-	(14,682)
37			Conservation	-	-	-	-	-	-	-	4,423
38			Construction (AS)	-	-	-	-	-	-	-	5,702
39			Corps	-	-	-	-	-	-	-	157,223
40			Interest Accrual	-	-	-	-	-	-	-	28,314
41			Interest Accrual Reversal	-	-	-	-	-	-	-	(31,463)
42			Fish and Wildlife	-	-	-	-	-	-	-	47,345
43			Interest Accrual	-	-	-	-	-	-	-	3,471
44			Interest Accrual Reversal	-	-	-	-	-	-	-	(4,579)
45			Technology (G)	-	-	-	-	-	-	-	2,881
46			Interest Accrual	-	-	-	-	-	-	-	143
47			Interest Accrual Reversal	-	-	-	-	-	-	-	(209)
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	286,673
49		Federal Generation Replacements	Replacements	10,797	10,797	10,797	10,797	10,797	10,797	10,797	1,309,125
50			Federal Generation Replacements Subtotal:	10,797	10,797	10,797	10,797	10,797	10,797	10,797	1,309,125
51		Treasury Subtotal:		10,797	10,797	10,797	10,797	10,797	10,797	10,797	1,595,798
52	Grand Total:			9,120	9,120	9,120	9,120	9,120	9,120	9,120	1,700,836

**TABLE 13E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
1	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
2			Columbia Basin	-	-	-	-	-	7,332	-	-	2,928	13,165	-	-	-
3			Hungry Horse Dam	-	-	-	-	-	4	-	-	-	-	-	-	-
4			Minidoka/Palisades	-	-	-	-	-	15,664	-	-	-	-	-	-	-
5			RRP - Green Springs	-	-	-	-	-	1,108	-	-	-	1	-	-	-
6			Bureau of Reclamation Subtotal:	-	-	-	-	-	24,107	-	-	2,928	13,166	-	-	-
7		Corps of Engineers	Albeni Falls	-	42	-	-	-	-	-	-	-	-	-	-	-
8			Bonneville Dam	-	4,169	-	-	10,963	1,105	-	-	-	-	-	-	-
9			Chief Joseph	-	24,727	-	-	31	10	-	-	-	-	-	-	-
10			Columbia River Fish Mitigation	-	173,479	-	-	381,108	243,543	-	45,714	138,040	1,574	33,437	46,983	-
11			Cougar	-	180	-	-	432	4,090	-	-	269	-	-	-	-
12			Detroit Lake/Big Cliff	-	-	-	-	18	560	-	-	-	-	-	-	-
13			Dworshak	-	-	-	-	-	-	-	-	29	-	2	-	-
14			Green Peter/Foster	-	-	-	-	500	148	-	-	1	-	-	-	-
15			Hills Creek	-	-	-	-	154	-	-	-	-	-	-	-	-
16			Ice Harbor	-	207	-	-	934	4,363	-	-	-	-	-	-	-
17			John Day	-	356	-	-	6,224	-	-	-	-	-	-	-	-
18			Libby	-	40	-	-	167	282	-	-	5	-	-	-	-
19			Little Goose	-	30	-	-	-	2,773	-	-	5,504	-	7	-	-
20			Lookout Dam	-	-	-	-	311	-	-	-	-	-	-	-	-
21			Lost Creek	-	-	-	-	7	-	-	-	-	-	-	-	-
22			Lower Granite	-	1,603	-	-	2,653	3,475	-	-	18,822	-	423	-	-
23			Lower Monument	-	-	-	-	1,519	155	-	-	942	-	-	-	-
24			McNary	-	-	-	-	1,335	1,479	-	-	239	-	-	-	-
25			The Dalles	-	-	-	-	-	479	-	-	10	-	-	-	-
26			Corps of Engineers Subtotal:	-	204,832	-	-	406,357	262,462	-	45,714	163,860	1,574	33,869	46,983	-
27		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	1,545	-	-	343	1,256	-	1,608	295	-	-	-	-
28			Lower Snake Fish & Wildlife Subtotal:	-	1,545	-	-	343	1,256	-	1,608	295	-	-	-	-
29		Appropriation Subtotal:			-	206,378	-	-	406,700	287,826	-	47,322	167,084	14,740	33,869	46,983
30	Bond	BPA Borrowing	Bureau Direct	189,500	77,000	59,500	34,700	8,000	59,800	94,378	17,000	52,000	104,604	78,396	-	-
31			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Conservation	97,000	-	6,000	-	-	-	-	-	-	-	-	-	-
34			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Construction (AS)	4,200	-	10,400	-	18,800	9,800	-	27,693	-	-	-	-	-
37			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	67,300	102,700	283,900	405,900	62,000	93,000	302,025	118,933	33,022	110,978	138,000	-	-
40			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	49,000	54,922	77,200	400	78,600	88,078	8,000	94,114	20,344	-	-	-	-
43			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	5,000	-	-	10,900	2,800	-	4,600	-	-	-	-	-
46			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	407,000	239,622	437,000	441,000	178,300	253,478	404,403	262,340	105,366	215,582	216,396	-	-
49	Federal Generation	Replacements	Replacements	-	-	-	-	-	-	-	-	-	-	-	199,979	232,673
50			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
51			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
52		Federal Generation Replacements Subtotal:			-	-	-	-	-	-	-	-	-	-	199,979	232,673
53	Make Whole Call	Premiums	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
54			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
55	Irrigation	Bond Subtotal:			407,000	239,622	437,000	441,000	178,300	253,478	404,403	262,340	105,366	215,582	216,396	199,979
56		Irrigation Assistance	Irrigation Assistance	\$8,275	\$13,216	\$20,662	\$6,370	\$11,634	\$4,065	\$1,996	\$11,198	-	\$4,347	-	\$8,258	\$28,920
57			Irrigation Assistance Subtotal:	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
58		Irrigation Subtotal:			8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258
59	Grand Total:			415,275	459,216	457,662	447,370	596,634	545,368	406,398	320,861	272,449	234,669	250,266	255,221	261,594
60																

**TABLE 13E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1	Obligation Type	General Project	Specific Project	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation	Replacements	253,341	277,353	271,385	293,047	226,418	306,113	428,852	689,974	407,295	425,737	432,366	439,275	435,959
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Federal Generation Replacements Subtotal:		253,341	277,353	271,385	293,047	226,418	306,113	428,852	689,974	407,295	425,737	432,366	439,275	435,959
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		253,341	277,353	271,385	293,047	226,418	306,113	428,852	689,974	407,295	425,737	432,366	439,275	435,959
57	Irrigation	Irrigation Assistance	Irrigation Assistance	\$16,018	-	\$13,964	-	\$73,659	-	-	-	\$12,321	-	-	-	-
58			Irrigation Assistance Subtotal:	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
59		Irrigation Subtotal:		16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
60	Grand Total:			269,359	277,353	285,349	293,047	300,077	306,113	428,852	689,974	419,615	425,737	432,366	439,275	435,959

**TABLE 13E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	
1	Obligation Type	General Project	Specific Project	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
8			Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9				Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10				Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11				Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12				Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13				Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14				Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15				Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16				Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17				Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18				John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19				Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20				Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21				Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22				Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23				Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24				Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25				McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26				The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27				Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28			Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29				Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Bond	Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	
31		BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	
32				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
33				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
34				Conservation	-	-	-	-	-	-	-	-	-	-	-	-	
35				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
36				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
37				Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	
38				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
39				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
40				Corps	-	-	-	-	-	-	-	-	-	-	-	-	
41				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
42				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
43				Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	
44				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
45				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
46				Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	
47				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	
48				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	
49				BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	
50			Federal Generation	Replacements	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
51				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53				Federal Generation Replacements Subtotal:	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
54			Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55				Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56			Bond Subtotal:		265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	
60	Grand Total:			265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	

**TABLE 13E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	
1	Obligation Type	General Project	Specific Project	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
8			Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9				Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10				Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11				Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-
12				Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13				Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14				Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-
15				Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16				Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17				Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18				John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19				Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20				Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-
21				Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22				Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23				Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
24				Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25				McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26				The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27				Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
28			Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29				Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Bond	Appropriation Subtotal:			-	-	-	-	-	-	-	-	-	-	-	-	
31		BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	
49				BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
50			Federal Generation	Replacements	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
51				Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52				Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53				Federal Generation Replacements Subtotal:	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
54			Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55				Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56				Bond Subtotal:	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
59			Irrigation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
60	Grand Total:			265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	265,989	

**TABLE 13E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	BD	BE	BF	BG
1	Obligation Type	General Project	Specific Project	2076	2077	2078	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	
3			Columbia Basin	-	-	-	23,424
4			Hungry Horse Dam	-	-	-	4
5			Minidoka/Palisades	-	-	-	15,664
6			RRP - Green Springs	-	-	-	1,109
7			Bureau of Reclamation Subtotal:	-	-	-	40,202
8		Corps of Engineers	Albeni Falls	-	-	-	42
9			Bonneville Dam	-	-	-	16,237
10			Chief Joseph	-	-	-	24,769
11			Columbia River Fish Mitigation	-	-	-	1,063,878
12			Cougar	-	-	-	4,971
13			Detroit Lake/Big Cliff	-	-	-	578
14			Dworshak	-	-	-	31
15			Green Peter/Foster	-	-	-	648
16			Hills Creek	-	-	-	154
17			Ice Harbor	-	-	-	5,503
18			John Day	-	-	-	6,580
19			Libby	-	-	-	494
20			Little Goose	-	-	-	8,314
21			Lookout Dam	-	-	-	311
22			Lost Creek	-	-	-	7
23			Lower Granite	-	-	-	26,975
24			Lower Monument	-	-	-	2,617
25			McNary	-	-	-	3,052
26			The Dalles	-	-	-	489
27			Corps of Engineers Subtotal:	-	-	-	1,165,652
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	5,049
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	5,049
30			Appropriation Subtotal:	-	-	-	1,210,902
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	774,878
32			Principal Accrual	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-
34			Conservation	-	-	-	103,000
35			Principal Accrual	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-
37			Construction (AS)	-	-	-	70,893
38			Principal Accrual	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-
40			Corps	-	-	-	1,717,758
41			Principal Accrual	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-
43			Fish and Wildlife	-	-	-	470,658
44			Principal Accrual	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-
46			Technology (G)	-	-	-	23,300
47			Principal Accrual	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	3,160,487
50		Federal Generation	Replacements	265,989	265,989	265,989	13,033,437
51			Principal Accrual	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-
53			Federal Generation Replacements Subtotal:	265,989	265,989	265,989	13,033,437
54		Make Whole Call	Premiums	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-
56			Bond Subtotal:	265,989	265,989	265,989	16,193,924
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	\$234,903
58			Irrigation Assistance Subtotal:	-	-	-	234,903
59			Irrigation Subtotal:	-	-	-	234,903
60	Grand Total:			265,989	265,989	265,989	17,639,729

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14. REPAYMENT STUDY DATA, AMORTIZATION SHIFT STUDY

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
1	Albeni Falls	09/1995	09/2045	7.150%	1,105	0		
2	Albeni Falls	09/1995	09/2045	7.150%	443	0		
3	Albeni Falls	09/1995	09/2045	7.150%	531	0		
4	Albeni Falls	09/1997	09/2047	7.150%	431	0		
5	Albeni Falls	09/2005	09/2055	5.125%	481	0		
6	Albeni Falls	09/2009	09/2059	4.375%	57	0		
7	Albeni Falls	09/2010	09/2060	4.250%	42	42		
8	Boise	09/1996	09/2046	6.950%	7	0		
9	Boise	09/1996	09/2046	7.150%	442	0		
10	Boise	09/1996	09/2046	7.150%	656	0		
11	Boise	09/1997	09/2047	6.950%	9	0		
12	Boise	09/1997	09/2047	7.150%	2,266	0		
13	Boise	09/2005	09/2055	5.125%	903	0		
14	Boise	09/2006	09/2056	4.500%	15	0		
15	Boise	09/2007	09/2057	5.000%	76	0		
16	Boise	09/2008	09/2058	4.875%	64	0		
17	Boise	09/2009	09/2059	4.375%	2	0		
18	Boise	09/2015	09/2065	3.250%	0	0		
19	Boise	09/2016	09/2066	3.000%	118			
20	Boise	09/2018	09/2068	2.750%		0		
21	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	40,964	0		
22	Bonneville 2nd Powerhouse	09/1981	09/2031	7.150%	455	0		
23	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	203,535	0		
24	Bonneville 2nd Powerhouse	09/1982	09/2032	7.150%	2,264	0		
25	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	62,409	0		
26	Bonneville 2nd Powerhouse	09/1983	09/2033	7.150%	694	0		
27	Bonneville 2nd Powerhouse	09/1985	09/2033	7.150%	9,138	0		
28	Bonneville 2nd Powerhouse	09/1986	09/2033	7.150%	30,578	0		
29	Bonneville 2nd Powerhouse	09/1987	09/2033	7.150%	2,801	0		
30	Bonneville 2nd Powerhouse	09/1988	09/2033	7.150%	1,271	0		
31	Bonneville 2nd Powerhouse	09/1989	09/2033	7.150%	1,232	0		
32	Bonneville 2nd Powerhouse	09/1990	09/2033	7.150%	1,588	0		
33	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	3,998	0		
34	Bonneville 2nd Powerhouse	09/1991	09/2033	8.750%	26	0		
35	Bonneville 2nd Powerhouse	09/1992	09/2033	8.500%	2,446	0		
36	Bonneville 2nd Powerhouse	09/1993	09/2033	7.875%	3,668	0		
37	Bonneville 2nd Powerhouse	09/1994	09/2044	7.150%	5,700	0		
38	Bonneville 2nd Powerhouse	09/1995	09/2045	7.150%	3,791	0		
39	Bonneville 2nd Powerhouse	09/1996	09/2046	7.150%	376	0		
40	Bonneville Dam	09/1977	09/2027	7.150%	15,670	0		
41	Bonneville Dam	09/1994	09/2029	7.125%	536	0		
42	Bonneville Dam	09/1995	09/2020	7.250%	20	0		
43	Bonneville Dam	09/1995	09/2020	7.250%	22	0		
44	Bonneville Dam	09/1995	09/2030	7.860%	53	0		
45	Bonneville Dam	09/1995	09/2035	7.860%	98	0		
46	Bonneville Dam	09/1995	09/2045	7.150%	243	0		
47	Bonneville Dam	09/1995	09/2045	7.150%	410	0		
48	Bonneville Dam	09/1995	09/2045	7.150%	440	0		
49	Bonneville Dam	09/1995	09/2045	7.860%	374	0		
50	Bonneville Dam	09/1996	09/2031	7.150%	22	0		
51	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
52	Bonneville Dam	09/1996	09/2046	7.150%	18	0		
53	Bonneville Dam	09/1996	09/2046	7.150%	80	0		
54	Bonneville Dam	09/1996	09/2046	7.150%	109	0		
55	Bonneville Dam	09/1996	09/2046	7.150%	142	0		
56	Bonneville Dam	09/1996	09/2046	7.150%	223	0		
57	Bonneville Dam	09/1996	09/2046	7.150%	751	0		
58	Bonneville Dam	09/1996	09/2046	7.150%	1,322	0		
59	Bonneville Dam	09/1997	09/2022	7.230%	122	0		
60	Bonneville Dam	09/1997	09/2032	7.150%	518	0		
61	Bonneville Dam	09/1997	09/2047	7.150%	161	0		
62	Bonneville Dam	09/1999	09/2049	5.375%	19,368	0		
63	Bonneville Dam	09/2000	09/2050	6.125%	24,446	0		
64	Bonneville Dam	09/2001	09/2051	5.875%	2,530	0		
65	Bonneville Dam	09/2002	09/2052	5.500%	448	0		
66	Bonneville Dam	09/2003	09/2053	5.125%	4,581	0		
67	Bonneville Dam	09/2004	09/2054	5.375%	26,741	0		
68	Bonneville Dam	09/2005	09/2055	5.125%	19,725	0		
69	Bonneville Dam	09/2006	09/2056	4.500%	2,628	0		
70	Bonneville Dam	09/2007	09/2057	5.000%	1,124	0		
71	Bonneville Dam	09/2008	09/2058	4.875%	14,609	0		
72	Bonneville Dam	09/2009	09/2059	4.375%	2,744	2,744		
73	Bonneville Dam	09/2010	09/2060	4.250%	1,425	1,425		
74	Bonneville Dam	09/2011	09/2061	3.750%	10,962	10,962		
75	Bonneville Dam	09/2013	09/2063	2.875%	268	268		
76	Bonneville Dam	09/2014	09/2064	3.875%				
77	Bonneville Dam	09/2015	09/2065	3.250%	102	102		
78	Bonneville Dam	09/2019	09/2069	3.125%	703	736		
79	Chief Joseph	09/1977	09/2027	7.150%	30,512	0		
80	Chief Joseph	09/1978	09/2028	7.150%	75,669	0		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
81	Chief Joseph	09/1979	09/2029	7.150%	60,079	0		
82	Chief Joseph	09/1985	09/2029	7.150%	16,372	0		
83	Chief Joseph	09/1986	09/2029	7.150%	5,363	0		
84	Chief Joseph	09/1987	09/2029	7.150%	3,036	0		
85	Chief Joseph	09/1988	09/2029	7.150%	2,722	0		
86	Chief Joseph	09/1989	09/2029	7.150%	2,227	0		
87	Chief Joseph	09/1990	09/2029	7.150%	4,505	0		
88	Chief Joseph	09/1991	09/2029	8.750%	3,840	0		
89	Chief Joseph	09/1992	09/2029	8.500%	2,032	0		
90	Chief Joseph	09/1993	09/2029	7.875%	1,360	0		
91	Chief Joseph	09/1994	09/2029	7.125%	129	0		
92	Chief Joseph	09/1994	09/2029	7.125%	65	0		
93	Chief Joseph	09/1994	09/2044	7.150%	4,280	0		
94	Chief Joseph	09/1995	09/2045	7.150%	147	0		
95	Chief Joseph	09/1995	09/2045	7.150%	562	0		
96	Chief Joseph	09/1995	09/2045	7.150%	712	0		
97	Chief Joseph	09/1995	09/2045	7.150%	784	0		
98	Chief Joseph	09/1996	09/2031	7.150%	27	0		
99	Chief Joseph	09/1996	09/2046	7.150%	3	0		
100	Chief Joseph	09/1996	09/2046	7.150%	4	0		
101	Chief Joseph	09/1996	09/2046	7.150%	355	0		
102	Chief Joseph	09/1996	09/2046	7.150%	729	0		
103	Chief Joseph	09/1997	09/2032	7.150%	166	0		
104	Chief Joseph	09/1997	09/2047	7.150%	657	0		
105	Chief Joseph	09/2001	09/2051	5.875%	345	0		
106	Chief Joseph	09/2002	09/2052	5.500%	2	0		
107	Chief Joseph	09/2003	09/2053	5.125%	992	0		
108	Chief Joseph	09/2008	09/2058	4.875%	3,500	0		
109	Chief Joseph	09/2009	09/2059	4.375%	24,727	24,727		
110	Chief Joseph	09/2011	09/2061	3.750%	4	4		
111	Chief Joseph	09/2012	09/2062	3.375%	28	28		
112	Chief Joseph	09/2013	09/2063	2.875%	10	10		
113	Columbia Basin	09/1995	09/2020	7.250%	206	0		
114	Columbia Basin	09/1995	09/2030	7.150%	25	0		
115	Columbia Basin	09/1995	09/2030	7.860%	270	0		
116	Columbia Basin	09/1995	09/2030	7.860%	321	0		
117	Columbia Basin	09/1995	09/2030	7.860%	323	0		
118	Columbia Basin	09/1995	09/2030	7.860%	20	0		
119	Columbia Basin	09/1995	09/2045	7.150%	287	0		
120	Columbia Basin	09/1995	09/2045	7.150%	2,511	0		
121	Columbia Basin	09/1995	09/2045	7.860%	450	0		
122	Columbia Basin	09/1995	09/2045	7.860%	450	0		
123	Columbia Basin	09/1996	09/2026	7.150%	72	0		
124	Columbia Basin	09/1996	09/2031	7.150%	109	0		
125	Columbia Basin	09/1996	09/2031	7.150%	251	0		
126	Columbia Basin	09/1996	09/2046	7.150%	426	0		
127	Columbia Basin	09/1996	09/2046	7.150%	368	0		
128	Columbia Basin	09/1997	09/2047	7.150%	3,393	0		
129	Columbia Basin	09/2001	09/2051	5.875%	69,226	0		
130	Columbia Basin	09/2005	09/2055	5.125%	10,963	0		
131	Columbia Basin	09/2006	09/2056	4.500%	1,987	0		
132	Columbia Basin	09/2007	09/2057	5.000%	929	0		
133	Columbia Basin	09/2008	09/2058	4.875%	835	0		
134	Columbia Basin	09/2009	09/2059	4.375%	1,338	0		
135	Columbia Basin	09/2010	09/2060	4.250%	877	0		
136	Columbia Basin	09/2011	09/2061	3.750%	1,723	0		
137	Columbia Basin	09/2012	09/2062	3.375%	11	0		
138	Columbia Basin	09/2013	09/2063	2.875%	3,078	3,078		
139	Columbia Basin	09/2014	09/2064	3.875%	0	0		
140	Columbia Basin	09/2015	09/2065	3.250%	0	0		
141	Columbia Basin	09/2017	09/2067	2.375%	2,865	2,865		
142	Columbia Basin	09/2018	09/2068	2.750%	17	0		
143	Columbia Basin	09/2019	09/2069	3.125%	4,130	4,221		
144	Columbia Basin	09/2020	09/2070	2.125%	202	63		
145	Columbia Basin	09/2022	09/2072	1.875%	13,165	13,165		
146	Columbia Basin	09/2023	09/2073	3.375%	32	32		
147	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	47,328	0		
148	Columbia Basin 3rd Powerhouse	09/1975	09/2025	7.160%	8,702	0		
149	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	41,330	0		
150	Columbia Basin 3rd Powerhouse	09/1976	09/2026	7.150%	8,037	0		
151	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	42,764	0		
152	Columbia Basin 3rd Powerhouse	09/1977	09/2027	7.150%	7,964	0		
153	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	42,399	0		
154	Columbia Basin 3rd Powerhouse	09/1978	09/2028	7.150%	7,896	0		
155	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	84,118	0		
156	Columbia Basin 3rd Powerhouse	09/1979	09/2029	7.150%	15,666	0		
157	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	712	0		
158	Columbia Basin 3rd Powerhouse	09/1983	09/2033	7.150%	13,003	0		
159	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	16,965	0		
160	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	13,192	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
161	Columbia Basin 3rd Powerhouse	09/1984	09/2033	7.150%	3,160	0		
162	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	2,060	0		
163	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	41,772	0		
164	Columbia Basin 3rd Powerhouse	09/1985	09/2033	7.150%	107	0		
165	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	1,851	0		
166	Columbia Basin 3rd Powerhouse	09/1986	09/2033	7.150%	15,538	0		
167	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	1,730	0		
168	Columbia Basin 3rd Powerhouse	09/1987	09/2033	7.150%	14,439	0		
169	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	2,294	0		
170	Columbia Basin 3rd Powerhouse	09/1988	09/2033	7.150%	4,351	0		
171	Columbia Basin 3rd Powerhouse	09/1989	09/2033	7.150%	10,902	0		
172	Columbia Basin 3rd Powerhouse	09/1990	09/2033	7.150%	6,383	0		
173	Columbia Basin 3rd Powerhouse	09/1994	09/2044	7.150%	12,631	0		
174	Columbia River Fish Mitigation	09/1991	09/2041	8.500%	3,969	0		
175	Columbia River Fish Mitigation	09/1992	09/2042	8.500%	874	0		
176	Columbia River Fish Mitigation	09/1993	09/2043	8.500%	85,846	0		
177	Columbia River Fish Mitigation	09/1994	09/2044	8.500%	39,454	0		
178	Columbia River Fish Mitigation	09/1995	09/2045	7.150%	43,343	0		
179	Columbia River Fish Mitigation	09/1996	09/2046	7.150%	2,431	0		
180	Columbia River Fish Mitigation	09/1999	09/2049	5.375%	14,115	0		
181	Columbia River Fish Mitigation	09/2000	09/2050	6.125%	47,006	0		
182	Columbia River Fish Mitigation	09/2001	09/2051	5.875%	6,168	0		
183	Columbia River Fish Mitigation	09/2002	09/2052	5.500%	8,797	0		
184	Columbia River Fish Mitigation	09/2003	09/2053	5.125%	68,440	0		
185	Columbia River Fish Mitigation	09/2004	09/2054	5.375%	60,581	0		
186	Columbia River Fish Mitigation	09/2005	09/2055	5.125%	52,039	0		
187	Columbia River Fish Mitigation	09/2006	09/2056	4.500%	366,395	0		
188	Columbia River Fish Mitigation	09/2007	09/2057	5.000%	53,525	0		
189	Columbia River Fish Mitigation	09/2008	09/2058	4.875%	36,554	0		
190	Columbia River Fish Mitigation	09/2009	09/2059	4.375%	103,203	103,203		
191	Columbia River Fish Mitigation	09/2010	09/2060	4.250%	56,832	56,832		
192	Columbia River Fish Mitigation	09/2011	09/2061	3.750%	106,014	106,014		
193	Columbia River Fish Mitigation	09/2012	09/2062	3.375%	101,616	101,616		
194	Columbia River Fish Mitigation	09/2013	09/2063	2.875%	95,274	84,600		
195	Columbia River Fish Mitigation	09/2014	09/2064	3.875%	110,071	109,737		
196	Columbia River Fish Mitigation	09/2015	09/2065	3.250%	64,291	64,291		
197	Columbia River Fish Mitigation	09/2016	09/2066	3.000%	30,066	29,635		
198	Columbia River Fish Mitigation	09/2017	09/2067	2.375%	57,719	55,950		
199	Columbia River Fish Mitigation	09/2018	09/2068	2.750%	48,446	48,446		
200	Columbia River Fish Mitigation	09/2019	09/2069	3.125%	49,505	47,997		
201	Columbia River Fish Mitigation	09/2020	09/2070	2.125%	82,394	82,089		
202	Columbia River Fish Mitigation	09/2021	09/2071	1.375%	80,420	80,420		
203	Columbia River Fish Mitigation	09/2022	09/2072	1.875%	1,574	1,574		
204	Columbia River Fish Mitigation	09/2023	09/2073	3.375%	4,472	4,472		
205	Cougar	09/1997	09/2047	7.150%	26	0		
206	Cougar	09/2004	09/2054	5.375%	3,622	0		
207	Cougar	09/2005	09/2055	5.125%	8,130	0		
208	Cougar	09/2006	09/2056	4.500%	109	0		
209	Cougar	09/2007	09/2057	5.000%	120	0		
210	Cougar	09/2009	09/2059	4.375%	121	121		
211	Cougar	09/2010	09/2060	4.250%	59	59		
212	Cougar	09/2011	09/2061	3.750%	282	282		
213	Cougar	09/2012	09/2062	3.375%	139	139		
214	Cougar	09/2013	09/2063	2.875%	4,088	4,088		
215	Cougar	09/2014	09/2064	3.875%	12	12		
216	Cougar	09/2016	09/2066	3.000%	2	2		
217	Cougar	09/2017	09/2067	2.375%	2	2		
218	Cougar	09/2020	09/2070	2.125%	267	267		
219	Detroit Lake/Big Cliff	09/1995	09/2045	7.150%	38	0		
220	Detroit Lake/Big Cliff	09/2001	09/2051	5.875%	282	0		
221	Detroit Lake/Big Cliff	09/2002	09/2052	5.500%	18	0		
222	Detroit Lake/Big Cliff	09/2003	09/2053	5.125%	223	0		
223	Detroit Lake/Big Cliff	09/2005	09/2055	5.125%	1,031	0		
224	Detroit Lake/Big Cliff	09/2013	09/2063	2.875%	528	528		
225	Detroit Lake/Big Cliff	09/2014	09/2064	3.875%	18	18		
226	Detroit Lake/Big Cliff	09/2016	09/2066	3.000%	31	31		
227	Detroit Lake/Big Cliff	09/2019	09/2069	3.125%	2	2		
228	Dworshak	09/1973	09/2023	7.190%	138,443	0		
229	Dworshak	09/1973	09/2023	7.190%	836	0		
230	Dworshak	09/1974	09/2023	7.190%	515	0		
231	Dworshak	09/1974	09/2023	7.190%	3	0		
232	Dworshak	09/1975	09/2023	7.190%	518	0		
233	Dworshak	09/1975	09/2023	7.190%	3	0		
234	Dworshak	09/1976	09/2023	7.190%	518	0		
235	Dworshak	09/1976	09/2023	7.190%	3	0		
236	Dworshak	09/1977	09/2023	7.190%	518	0		
237	Dworshak	09/1977	09/2023	7.190%	3	0		
238	Dworshak	09/1978	09/2023	7.190%	518	0		
239	Dworshak	09/1978	09/2023	7.190%	3	0		
240	Dworshak	09/1979	09/2023	7.190%	518	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
241	Dworshak	09/1979	09/2023	7.190%	3	0		
242	Dworshak	09/1980	09/2023	7.190%	518	0		
243	Dworshak	09/1980	09/2023	7.190%	3	0		
244	Dworshak	09/1981	09/2023	7.190%	518	0		
245	Dworshak	09/1981	09/2023	7.190%	3	0		
246	Dworshak	09/1982	09/2023	7.190%	518	0		
247	Dworshak	09/1982	09/2023	7.190%	3	0		
248	Dworshak	09/1983	09/2023	7.190%	523	0		
249	Dworshak	09/1983	09/2023	7.190%	3	0		
250	Dworshak	09/1984	09/2023	10.750%	2,499	0		
251	Dworshak	09/1984	09/2023	10.750%	15	0		
252	Dworshak	09/1985	09/2023	7.190%	1,141	0		
253	Dworshak	09/1986	09/2023	7.190%	197	0		
254	Dworshak	09/1987	09/2023	7.190%	36	0		
255	Dworshak	09/1987	09/2023	8.875%	65	0		
256	Dworshak	09/1988	09/2023	8.500%	61	0		
257	Dworshak	09/1989	09/2023	9.250%	63	0		
258	Dworshak	09/1990	09/2023	8.875%	245	0		
259	Dworshak	09/1990	09/2023	8.875%	24	0		
260	Dworshak	09/1991	09/2023	8.750%	224	0		
261	Dworshak	09/1992	09/2023	2.625%	4	0		
262	Dworshak	09/1992	09/2023	8.500%	28	0		
263	Dworshak	09/1992	09/2023	8.500%	24	0		
264	Dworshak	09/1993	09/2023	7.875%	41	0		
265	Dworshak	09/1993	09/2023	7.875%	1,872	0		
266	Dworshak	09/1994	09/2029	7.125%	1,351	0		
267	Dworshak	09/1994	09/2029	7.125%	964	0		
268	Dworshak	09/1995	09/2020	7.930%	55	0		
269	Dworshak	09/1995	09/2030	7.150%	218	0		
270	Dworshak	09/1995	09/2045	7.150%	1,162	0		
271	Dworshak	09/1996	09/2021	7.230%	26	0		
272	Dworshak	09/1996	09/2021	7.230%	184	0		
273	Dworshak	09/1996	09/2031	7.150%	6	0		
274	Dworshak	09/1996	09/2031	7.150%	203	0		
275	Dworshak	09/1996	09/2046	7.150%	3	0		
276	Dworshak	09/1996	09/2046	7.150%	4	0		
277	Dworshak	09/1996	09/2046	7.150%	46	0		
278	Dworshak	09/1997	09/2047	7.150%	7,588	0		
279	Dworshak	09/1999	09/2049	5.375%	630	0		
280	Dworshak	09/2002	09/2052	5.500%	199	0		
281	Dworshak	09/2003	09/2053	5.125%	761	0		
282	Dworshak	09/2005	09/2055	5.125%	713	0		
283	Dworshak	09/2006	09/2056	4.500%	73	0		
284	Dworshak	09/2008	09/2058	4.875%	10	0		
285	Dworshak	09/2009	09/2059	4.375%	2,307	0		
286	Dworshak	09/2014	09/2064	3.875%	50	0		
287	Dworshak	09/2020	09/2070	2.125%	29	29		
288	Dworshak	09/2021	09/2071	1.375%	2	2		
289	Green Peter/Foster	09/1995	09/2020	7.250%	11	0		
290	Green Peter/Foster	09/1995	09/2020	7.250%	24	0		
291	Green Peter/Foster	09/1996	09/2046	7.150%	26	0		
292	Green Peter/Foster	09/2001	09/2051	5.875%	200	0		
293	Green Peter/Foster	09/2011	09/2061	3.750%	87	87		
294	Green Peter/Foster	09/2012	09/2062	3.375%	28	28		
295	Green Peter/Foster	09/2014	09/2064	3.875%	385	385		
296	Green Peter/Foster	09/2015	09/2065	3.250%	68	68		
297	Green Peter/Foster	09/2016	09/2066	3.000%	70	70		
298	Green Peter/Foster	09/2019	09/2069	3.125%	10	10		
299	Green Peter/Foster	09/2020	09/2070	2.125%	1	1		
300	Hills Creek	09/1996	09/2046	7.150%	28	0		
301	Hills Creek	09/2000	09/2050	6.125%	2,630	0		
302	Hills Creek	09/2001	09/2051	5.875%	8	0		
303	Hills Creek	09/2002	09/2052	5.500%	2	0		
304	Hills Creek	09/2005	09/2055	5.125%	46	0		
305	Hills Creek	09/2011	09/2061	3.750%	12	12		
306	Hills Creek	09/2012	09/2062	3.375%	142	142		
307	Hills Creek	09/2022	09/2072	1.875%	0	0		
308	Hungry Horse Dam	09/1995	09/2020	7.930%	450	0		
309	Hungry Horse Dam	09/1995	09/2030	7.150%	536	0		
310	Hungry Horse Dam	09/1995	09/2030	7.150%	1,198	0		
311	Hungry Horse Dam	09/1995	09/2045	7.150%	6,190	0		
312	Hungry Horse Dam	09/1995	09/2045	7.860%	14,354	0		
313	Hungry Horse Dam	09/1996	09/2046	7.150%	15	0		
314	Hungry Horse Dam	09/1996	09/2046	7.150%	2	0		
315	Hungry Horse Dam	09/1997	09/2047	7.150%	111	0		
316	Hungry Horse Dam	09/2001	09/2051	5.875%	552	0		
317	Hungry Horse Dam	09/2005	09/2055	5.125%	2,951	0		
318	Hungry Horse Dam	09/2007	09/2057	5.000%	294	0		
319	Hungry Horse Dam	09/2008	09/2058	4.875%	76	0		
320	Hungry Horse Dam	09/2009	09/2059	4.375%	60	0		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
321	Hungry Horse Dam	09/2010	09/2060	4.250%	779	0		
322	Hungry Horse Dam	09/2011	09/2061	3.750%	17	0		
323	Hungry Horse Dam	09/2012	09/2062	3.375%	0	0		
324	Hungry Horse Dam	09/2014	09/2064	3.875%	0	0		
325	Hungry Horse Dam	09/2015	09/2065	3.250%	0	0		
326	Hungry Horse Dam	09/2023	09/2073	3.375%	4	4		
327	Ice Harbor	09/1976	09/2026	7.150%	20,472	0		
328	Ice Harbor	09/1976	09/2026	7.150%	228	0		
329	Ice Harbor	09/1985	09/2026	7.150%	21	0		
330	Ice Harbor	09/1994	09/2029	7.125%	328	0		
331	Ice Harbor	09/1994	09/2029	7.125%	520	0		
332	Ice Harbor	09/1996	09/2031	7.150%	78	0		
333	Ice Harbor	09/1996	09/2041	7.150%	371	0		
334	Ice Harbor	09/1997	09/2022	7.230%	66	0		
335	Ice Harbor	09/1997	09/2047	7.150%	67	0		
336	Ice Harbor	09/1999	09/2049	5.375%	5,516	0		
337	Ice Harbor	09/2000	09/2050	6.125%	548	0		
338	Ice Harbor	09/2001	09/2051	5.875%	764	0		
339	Ice Harbor	09/2002	09/2052	5.500%	1,014	0		
340	Ice Harbor	09/2003	09/2053	5.125%	50	0		
341	Ice Harbor	09/2004	09/2054	5.375%	3,321	0		
342	Ice Harbor	09/2008	09/2058	4.875%	14	0		
343	Ice Harbor	09/2009	09/2059	4.375%	2,615	0		
344	Ice Harbor	09/2010	09/2060	4.250%	207	207		
345	Ice Harbor	09/2011	09/2061	3.750%	819	819		
346	Ice Harbor	09/2012	09/2062	3.375%	115	115		
347	Ice Harbor	09/2015	09/2065	3.250%	3,175	3,175		
348	Ice Harbor	09/2016	09/2066	3.000%	558	558		
349	Ice Harbor	09/2019	09/2069	3.125%	630	630		
350	John Day	09/1970	09/2020	7.250%	23,656	0		
351	John Day	09/1971	09/2021	7.230%	34,974	0		
352	John Day	09/1972	09/2022	7.210%	11,502	0		
353	John Day	09/1984	09/2022	10.750%	3,677	0		
354	John Day	09/1985	09/2022	7.210%	6,490	0		
355	John Day	09/1985	09/2022	12.375%	1,209	0		
356	John Day	09/1986	09/2022	7.210%	3,227	0		
357	John Day	09/1986	09/2022	11.375%	713	0		
358	John Day	09/1987	09/2022	7.210%	706	0		
359	John Day	09/1987	09/2022	8.875%	4,353	0		
360	John Day	09/1988	09/2022	8.500%	332	0		
361	John Day	09/1988	09/2022	8.500%	199	0		
362	John Day	09/1989	09/2022	7.210%	30	0		
363	John Day	09/1989	09/2022	9.250%	377	0		
364	John Day	09/1990	09/2022	7.210%	37	0		
365	John Day	09/1990	09/2022	8.875%	543	0		
366	John Day	09/1991	09/2022	8.750%	13,218	0		
367	John Day	09/1991	09/2022	8.750%	144	0		
368	John Day	09/1992	09/2022	7.210%	19	0		
369	John Day	09/1992	09/2022	8.500%	95	0		
370	John Day	09/1993	09/2022	7.875%	7,810	0		
371	John Day	09/1993	09/2022	7.875%	9,585	0		
372	John Day	09/1994	09/2029	7.125%	1,252	0		
373	John Day	09/1995	09/2020	7.250%	79	0		
374	John Day	09/1995	09/2035	7.150%	22	0		
375	John Day	09/1995	09/2035	7.150%	52	0		
376	John Day	09/1995	09/2035	7.150%	121	0		
377	John Day	09/1995	09/2045	7.150%	37	0		
378	John Day	09/1995	09/2045	7.150%	608	0		
379	John Day	09/1995	09/2045	7.150%	7,653	0		
380	John Day	09/1997	09/2022	7.230%	133	0		
381	John Day	09/1997	09/2047	7.150%	179	0		
382	John Day	09/1999	09/2049	5.375%	3,510	0		
383	John Day	09/2000	09/2050	6.125%	2,761	0		
384	John Day	09/2001	09/2051	5.875%	619	0		
385	John Day	09/2004	09/2054	5.375%	2,830	0		
386	John Day	09/2005	09/2055	5.125%	2,827	0		
387	John Day	09/2006	09/2056	4.500%	601	0		
388	John Day	09/2007	09/2057	5.000%	233	0		
389	John Day	09/2009	09/2059	4.375%	1,548	0		
390	John Day	09/2010	09/2060	4.250%	356	356		
391	John Day	09/2011	09/2061	3.750%	175	175		
392	John Day	09/2012	09/2062	3.375%	6,161	6,050		
393	John Day	09/2013	09/2063	2.875%	17	0		
394	John Day	09/2015	09/2065	3.250%	163	0		
395	Libby	09/1975	09/2025	7.160%	54,644	0		
396	Libby	09/1976	09/2026	7.150%	153,432	0		
397	Libby	09/1977	09/2026	7.150%	1,465	0		
398	Libby	09/1978	09/2026	7.150%	1,465	0		
399	Libby	09/1979	09/2026	7.150%	1,465	0		
400	Libby	09/1980	09/2026	7.150%	1,465	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
401	Libby	09/1981	09/2026	7.150%	1,465	0		
402	Libby	09/1982	09/2026	7.150%	1,465	0		
403	Libby	09/1983	09/2026	7.150%	1,465	0		
404	Libby	09/1984	09/2026	10.750%	104	0		
405	Libby	09/1985	09/2026	7.150%	518	0		
406	Libby	09/1986	09/2026	7.150%	283	0		
407	Libby	09/1987	09/2026	7.150%	2	0		
408	Libby	09/1988	09/2026	8.505%	35	0		
409	Libby	09/1988	09/2038	7.150%	18,043	0		
410	Libby	09/1989	09/2026	7.150%	1	0		
411	Libby	09/1989	09/2026	9.250%	131	0		
412	Libby	09/1990	09/2026	8.875%	11	0		
413	Libby	09/1991	09/2026	8.750%	134	0		
414	Libby	09/1992	09/2026	8.500%	100	0		
415	Libby	09/1992	09/2026	8.500%	70	0		
416	Libby	09/1993	09/2026	7.875%	600	0		
417	Libby	09/1994	09/2029	7.125%	215	0		
418	Libby	09/1994	09/2029	7.150%	286	0		
419	Libby	09/1995	09/2030	7.150%	15	0		
420	Libby	09/1995	09/2030	7.150%	41	0		
421	Libby	09/1995	09/2030	7.150%	94	0		
422	Libby	09/1997	09/2022	7.230%	432	0		
423	Libby	09/1997	09/2047	7.150%	660	0		
424	Libby	09/2001	09/2051	5.875%	5,562	0		
425	Libby	09/2008	09/2058	4.875%	1,567	0		
426	Libby	09/2010	09/2060	4.250%	40	40		
427	Libby	09/2011	09/2061	3.750%	152	152		
428	Libby	09/2012	09/2062	3.375%	16	16		
429	Libby	09/2018	09/2068	2.750%	282	282		
430	Libby	09/2020	09/2070	2.125%	5	5		
431	Little Goose	09/1970	09/2020	7.250%	22,326	0		
432	Little Goose	09/1971	09/2021	7.230%	42,962	0		
433	Little Goose	09/1972	09/2021	7.230%	28	0		
434	Little Goose	09/1973	09/2021	7.230%	29	0		
435	Little Goose	09/1974	09/2021	7.230%	28	0		
436	Little Goose	09/1975	09/2021	7.230%	29	0		
437	Little Goose	09/1976	09/2021	7.230%	28	0		
438	Little Goose	09/1977	09/2021	7.230%	29	0		
439	Little Goose	09/1978	09/2021	7.230%	28	0		
440	Little Goose	09/1978	09/2028	7.150%	49,578	0		
441	Little Goose	09/1979	09/2021	7.230%	29	0		
442	Little Goose	09/1980	09/2021	7.230%	28	0		
443	Little Goose	09/1981	09/2021	7.230%	29	0		
444	Little Goose	09/1982	09/2021	7.230%	28	0		
445	Little Goose	09/1983	09/2021	7.230%	29	0		
446	Little Goose	09/1984	09/2021	10.750%	201	0		
447	Little Goose	09/1985	09/2021	7.230%	174	0		
448	Little Goose	09/1985	09/2028	7.150%	47	0		
449	Little Goose	09/1986	09/2021	7.230%	239	0		
450	Little Goose	09/1987	09/2021	7.230%	6	0		
451	Little Goose	09/1987	09/2021	8.875%	72	0		
452	Little Goose	09/1988	09/2021	8.500%	12	0		
453	Little Goose	09/1988	09/2021	8.500%	68	0		
454	Little Goose	09/1989	09/2021	9.250%	77	0		
455	Little Goose	09/1990	09/2021	8.875%	408	0		
456	Little Goose	09/1990	09/2021	8.875%	21	0		
457	Little Goose	09/1991	09/2021	8.750%	266	0		
458	Little Goose	09/1992	09/2021	8.500%	66	0		
459	Little Goose	09/1992	09/2021	8.500%	27	0		
460	Little Goose	09/1993	09/2021	7.875%	276	0		
461	Little Goose	09/1993	09/2021	7.875%	3,359	0		
462	Little Goose	09/1994	09/2029	7.125%	2,044	0		
463	Little Goose	09/1995	09/2040	7.150%	17	0		
464	Little Goose	09/1995	09/2040	7.150%	450	0		
465	Little Goose	09/1995	09/2040	7.150%	733	0		
466	Little Goose	09/1996	09/2046	7.150%	10	0		
467	Little Goose	09/1996	09/2046	7.150%	10	0		
468	Little Goose	09/1996	09/2046	7.150%	211	0		
469	Little Goose	09/1996	09/2046	7.150%	241	0		
470	Little Goose	09/1996	09/2046	7.150%	520	0		
471	Little Goose	09/1996	09/2046	7.150%	3,909	0		
472	Little Goose	09/1997	09/2047	7.150%	1	0		
473	Little Goose	09/2001	09/2051	5.875%	4,608	0		
474	Little Goose	09/2002	09/2052	5.500%	27	0		
475	Little Goose	09/2003	09/2053	5.125%	146	0		
476	Little Goose	09/2004	09/2054	5.375%	67	0		
477	Little Goose	09/2008	09/2058	4.875%	13	0		
478	Little Goose	09/2009	09/2059	4.375%	3,171	0		
479	Little Goose	09/2010	09/2060	4.250%	30	30		
480	Little Goose	09/2013	09/2063	2.875%	66	66		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
481	Little Goose	09/2018	09/2068	2.750%	2,707	2,707		
482	Little Goose	09/2020	09/2070	2.125%	5,504	5,504		
483	Little Goose	09/2021	09/2071	1.375%	7	7		
484	Lookout Dam	09/1995	09/2045	7.150%	80	0		
485	Lookout Dam	09/1995	09/2045	7.150%	33	0		
486	Lookout Dam	09/1995	09/2045	7.860%	9	0		
487	Lookout Dam	09/1995	09/2045	7.860%	15	0		
488	Lookout Dam	09/1995	09/2045	7.860%	31	0		
489	Lookout Dam	09/1995	09/2045	7.860%	157	0		
490	Lookout Dam	09/2000	09/2050	6.125%	5,098	0		
491	Lookout Dam	09/2003	09/2053	5.125%	135	0		
492	Lookout Dam	09/2005	09/2055	5.125%	7,355	0		
493	Lookout Dam	09/2007	09/2057	5.000%	572	0		
494	Lookout Dam	09/2011	09/2061	3.750%	17	17		
495	Lookout Dam	09/2012	09/2062	3.375%	294	294		
496	Lost Creek	09/1977	09/2027	7.150%	14,293	0		
497	Lost Creek	09/1978	09/2027	7.150%	58	0		
498	Lost Creek	09/1979	09/2027	7.150%	60	0		
499	Lost Creek	09/1980	09/2027	7.150%	60	0		
500	Lost Creek	09/1981	09/2027	7.150%	60	0		
501	Lost Creek	09/1982	09/2027	7.150%	60	0		
502	Lost Creek	09/1983	09/2027	7.150%	60	0		
503	Lost Creek	09/1984	09/2027	10.750%	243	0		
504	Lost Creek	09/1985	09/2027	7.150%	12	0		
505	Lost Creek	09/1986	09/2027	7.150%	6	0		
506	Lost Creek	09/1986	09/2027	11.375%	5	0		
507	Lost Creek	09/1987	09/2027	7.150%	4	0		
508	Lost Creek	09/1987	09/2027	8.875%	3	0		
509	Lost Creek	09/1988	09/2027	8.500%	7	0		
510	Lost Creek	09/1989	09/2027	9.250%	9	0		
511	Lost Creek	09/1990	09/2027	8.875%	1	0		
512	Lost Creek	09/1991	09/2027	8.750%	31	0		
513	Lost Creek	09/1992	09/2027	8.500%	1	0		
514	Lost Creek	09/1992	09/2027	8.500%	1	0		
515	Lost Creek	09/1993	09/2027	7.875%	1	0		
516	Lost Creek	09/1993	09/2027	7.875%	14	0		
517	Lost Creek	09/1995	09/2045	7.150%	94	0		
518	Lost Creek	09/1996	09/2031	7.150%	31	0		
519	Lost Creek	09/1996	09/2046	7.150%	24	0		
520	Lost Creek	09/2001	09/2051	5.875%	147	0		
521	Lost Creek	09/2011	09/2061	3.750%	7	7		
522	Lower Granite	09/1975	09/2025	7.160%	119,237	0		
523	Lower Granite	09/1976	09/2025	7.160%	510	0		
524	Lower Granite	09/1977	09/2025	7.160%	510	0		
525	Lower Granite	09/1978	09/2025	7.160%	510	0		
526	Lower Granite	09/1978	09/2028	7.150%	40,611	0		
527	Lower Granite	09/1979	09/2025	7.160%	510	0		
528	Lower Granite	09/1980	09/2025	7.160%	510	0		
529	Lower Granite	09/1981	09/2025	7.160%	510	0		
530	Lower Granite	09/1982	09/2025	7.160%	510	0		
531	Lower Granite	09/1983	09/2025	7.160%	510	0		
532	Lower Granite	09/1984	09/2025	10.750%	311	0		
533	Lower Granite	09/1985	09/2025	7.160%	328	0		
534	Lower Granite	09/1986	09/2025	7.160%	215	0		
535	Lower Granite	09/1986	09/2025	11.375%	4	0		
536	Lower Granite	09/1987	09/2025	7.160%	8	0		
537	Lower Granite	09/1987	09/2025	8.875%	60	0		
538	Lower Granite	09/1988	09/2025	8.500%	22	0		
539	Lower Granite	09/1988	09/2025	8.500%	95	0		
540	Lower Granite	09/1989	09/2025	9.250%	112	0		
541	Lower Granite	09/1990	09/2025	8.875%	392	0		
542	Lower Granite	09/1991	09/2025	8.750%	281	0		
543	Lower Granite	09/1991	09/2025	8.750%	6	0		
544	Lower Granite	09/1992	09/2025	8.500%	83	0		
545	Lower Granite	09/1992	09/2025	8.500%	121	0		
546	Lower Granite	09/1993	09/2025	7.875%	26	0		
547	Lower Granite	09/1993	09/2025	7.875%	3,272	0		
548	Lower Granite	09/1994	09/2029	7.150%	3,543	0		
549	Lower Granite	09/1995	09/2025	7.160%	96	0		
550	Lower Granite	09/1996	09/2031	7.150%	206	0		
551	Lower Granite	09/1996	09/2046	7.150%	9	0		
552	Lower Granite	09/1996	09/2046	7.150%	625	0		
553	Lower Granite	09/1997	09/2047	7.150%	677	0		
554	Lower Granite	09/1999	09/2049	5.375%	856	0		
555	Lower Granite	09/2001	09/2051	5.875%	2,025	0		
556	Lower Granite	09/2002	09/2052	5.500%	1,275	0		
557	Lower Granite	09/2003	09/2053	5.125%	42	0		
558	Lower Granite	09/2005	09/2055	5.125%	393	0		
559	Lower Granite	09/2008	09/2058	4.875%	24	0		
560	Lower Granite	09/2009	09/2059	4.375%	5,669	446		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
561	Lower Granite	09/2010	09/2060	4.250%	1,156	1,156		
562	Lower Granite	09/2011	09/2061	3.750%	8	8		
563	Lower Granite	09/2014	09/2064	3.875%	2,644	2,644		
564	Lower Granite	09/2015	09/2065	3.250%	1,597	1,597		
565	Lower Granite	09/2016	09/2066	3.000%	1,878	1,878		
566	Lower Granite	09/2020	09/2070	2.125%	18,822	18,822		
567	Lower Granite	09/2021	09/2071	1.375%	423	423		
568	Lower Monument	09/1970	09/2020	7.250%	51,218	0		
569	Lower Monument	09/1971	09/2020	7.250%	214	0		
570	Lower Monument	09/1972	09/2020	7.250%	214	0		
571	Lower Monument	09/1973	09/2020	7.250%	214	0		
572	Lower Monument	09/1974	09/2020	7.250%	214	0		
573	Lower Monument	09/1975	09/2020	7.250%	214	0		
574	Lower Monument	09/1976	09/2020	7.250%	214	0		
575	Lower Monument	09/1977	09/2020	7.250%	214	0		
576	Lower Monument	09/1978	09/2020	7.250%	214	0		
577	Lower Monument	09/1979	09/2020	7.250%	214	0		
578	Lower Monument	09/1979	09/2029	7.150%	40,669	0		
579	Lower Monument	09/1980	09/2020	7.250%	214	0		
580	Lower Monument	09/1981	09/2020	7.250%	214	0		
581	Lower Monument	09/1982	09/2020	7.250%	214	0		
582	Lower Monument	09/1983	09/2020	7.250%	214	0		
583	Lower Monument	09/1985	09/2020	7.250%	8	0		
584	Lower Monument	09/1985	09/2029	7.150%	256	0		
585	Lower Monument	09/1986	09/2020	7.250%	132	0		
586	Lower Monument	09/1987	09/2020	7.250%	3	0		
587	Lower Monument	09/1987	09/2020	8.875%	50	0		
588	Lower Monument	09/1988	09/2020	8.500%	58	0		
589	Lower Monument	09/1988	09/2020	8.500%	1	0		
590	Lower Monument	09/1989	09/2020	9.250%	93	0		
591	Lower Monument	09/1990	09/2020	8.875%	358	0		
592	Lower Monument	09/1991	09/2020	8.750%	594	0		
593	Lower Monument	09/1992	09/2020	8.500%	4,484	0		
594	Lower Monument	09/1993	09/2020	7.875%	24	0		
595	Lower Monument	09/1993	09/2020	7.875%	2,175	0		
596	Lower Monument	09/1994	09/2029	7.125%	2,167	0		
597	Lower Monument	09/1995	09/2045	7.150%	41	0		
598	Lower Monument	09/1995	09/2045	7.150%	99	0		
599	Lower Monument	09/1995	09/2045	7.150%	624	0		
600	Lower Monument	09/1995	09/2045	7.150%	1,122	0		
601	Lower Monument	09/1996	09/2021	7.230%	37	0		
602	Lower Monument	09/1996	09/2021	7.230%	51	0		
603	Lower Monument	09/1996	09/2036	7.150%	264	0		
604	Lower Monument	09/1996	09/2046	7.150%	10	0		
605	Lower Monument	09/2001	09/2051	5.875%	3,301	0		
606	Lower Monument	09/2002	09/2052	5.500%	29	0		
607	Lower Monument	09/2003	09/2053	5.125%	22	0		
608	Lower Monument	09/2004	09/2054	5.375%	3,423	0		
609	Lower Monument	09/2005	09/2055	5.125%	527	0		
610	Lower Monument	09/2006	09/2056	4.500%	285	0		
611	Lower Monument	09/2008	09/2058	4.875%	9	0		
612	Lower Monument	09/2009	09/2059	4.375%	2,332	0		
613	Lower Monument	09/2012	09/2062	3.375%	89	89		
614	Lower Monument	09/2014	09/2064	3.875%	1,430	1,430		
615	Lower Monument	09/2016	09/2066	3.000%	155	155		
616	Lower Monument	09/2017	09/2067	2.375%	942	942		
617	Lower Snake Fish and Wildlife	09/1983	09/2033	7.150%	30,488	0		
618	Lower Snake Fish and Wildlife	09/1985	09/2035	7.150%	47,921	0		
619	Lower Snake Fish and Wildlife	09/1987	09/2037	7.150%	72,536	0		
620	Lower Snake Fish and Wildlife	09/1988	09/2038	7.150%	805	0		
621	Lower Snake Fish and Wildlife	09/1990	09/2040	7.150%	1,557	0		
622	Lower Snake Fish and Wildlife	09/1991	09/2041	7.150%	4,411	0		
623	Lower Snake Fish and Wildlife	09/1993	09/2043	7.150%	71,632	0		
624	Lower Snake Fish and Wildlife	09/1994	09/2044	7.150%	4,722	0		
625	Lower Snake Fish and Wildlife	09/1996	09/2046	7.150%	12,085	0		
626	Lower Snake Fish and Wildlife	09/1997	09/2047	7.150%	2,173	0		
627	Lower Snake Fish and Wildlife	09/1999	09/2049	5.375%	7	0		
628	Lower Snake Fish and Wildlife	09/2000	09/2050	6.125%	1,529	0		
629	Lower Snake Fish and Wildlife	09/2001	09/2051	5.875%	325	0		
630	Lower Snake Fish and Wildlife	09/2002	09/2052	5.500%	890	0		
631	Lower Snake Fish and Wildlife	09/2003	09/2053	5.125%	98	0		
632	Lower Snake Fish and Wildlife	09/2004	09/2054	5.375%	230	0		
633	Lower Snake Fish and Wildlife	09/2005	09/2055	5.125%	4	0		
634	Lower Snake Fish and Wildlife	09/2006	09/2056	4.500%	379	0		
635	Lower Snake Fish and Wildlife	09/2008	09/2058	4.875%	74	0		
636	Lower Snake Fish and Wildlife	09/2009	09/2059	4.375%	1,540	1,540		
637	Lower Snake Fish and Wildlife	09/2010	09/2060	4.250%	6	6		
638	Lower Snake Fish and Wildlife	09/2011	09/2061	3.750%	122	122		
639	Lower Snake Fish and Wildlife	09/2014	09/2064	3.875%	222	222		
640	Lower Snake Fish and Wildlife	09/2016	09/2066	3.000%	1,256	1,256		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
641	Lower Snake Fish and Wildlife	09/2018	09/2068	2.750%	1,608	1,608		
642	Lower Snake Fish and Wildlife	09/2020	09/2070	2.125%	295	295		
643	McNary	09/1995	09/2045	7.150%	16	0		
644	McNary	09/1996	09/2026	7.150%	74	0		
645	McNary	09/1996	09/2026	7.150%	277	0		
646	McNary	09/1996	09/2046	7.150%	619	0		
647	McNary	09/1997	09/2032	7.150%	30	0		
648	McNary	09/2001	09/2051	5.875%	1,046	0		
649	McNary	09/2003	09/2053	5.125%	97	0		
650	McNary	09/2004	09/2054	5.375%	6,138	0		
651	McNary	09/2005	09/2055	5.125%	550	0		
652	McNary	09/2006	09/2056	4.500%	4,080	0		
653	McNary	09/2008	09/2058	4.875%	215	0		
654	McNary	09/2011	09/2061	3.750%	565	565		
655	McNary	09/2012	09/2062	3.375%	11	11		
656	McNary	09/2013	09/2063	2.875%	1,000	1,000		
657	McNary	09/2014	09/2064	3.875%	759	759		
658	McNary	09/2017	09/2067	2.375%	239	239		
659	McNary	09/2019	09/2069	3.125%	479	479		
660	Minidoka/Palisades	09/1994	09/2029	7.125%	351	0		
661	Minidoka/Palisades	09/1997	09/2047	7.150%	50,911	0		
662	Minidoka/Palisades	09/2001	09/2051	5.875%	42	0		
663	Minidoka/Palisades	09/2012	09/2062	3.375%	7	0		
664	Minidoka/Palisades	09/2015	09/2065	3.250%	19,237	15,518		
665	Minidoka/Palisades	09/2016	09/2066	3.000%	206	0		
666	Minidoka/Palisades	09/2017	09/2067	2.375%	127	0		
667	Minidoka/Palisades	09/2018	09/2068	2.750%	145	145		
668	Minidoka/Palisades	09/2019	09/2069	3.125%		0		
669	RRP - Green Springs	09/2001	09/2051	5.875%	11,145	0		
670	RRP - Green Springs	09/2012	09/2062	3.375%	2	0		
671	RRP - Green Springs	09/2013	09/2063	2.875%		0		
672	RRP - Green Springs	09/2019	09/2069	3.125%	1,099	1,099		
673	RRP - Green Springs	09/2020	09/2070	2.125%	64	0		
674	RRP - Green Springs	09/2021	09/2071	1.375%	692	0		
675	RRP - Green Springs	09/2022	09/2072	1.875%	1	1		
676	RRP - Green Springs	09/2023	09/2073	3.375%	9	9		
677	The Dalles	09/1973	09/2023	7.190%	21,983	0		
678	The Dalles	09/1974	09/2024	7.170%	7,268	0		
679	The Dalles	09/1994	09/2029	7.125%	1,425	0		
680	The Dalles	09/1996	09/2046	7.150%	1,991	0		
681	The Dalles	09/2000	09/2050	6.125%	2,588	0		
682	The Dalles	09/2002	09/2052	5.500%	1,226	0		
683	The Dalles	09/2004	09/2054	5.375%	182	0		
684	The Dalles	09/2005	09/2055	5.125%	36,019	0		
685	The Dalles	09/2006	09/2056	4.500%	2,030	0		
686	The Dalles	09/2007	09/2057	5.000%	140	0		
687	The Dalles	09/2008	09/2058	4.875%	1,651	0		
688	The Dalles	09/2015	09/2065	3.250%	302	302		
689	The Dalles	09/2016	09/2066	3.000%	4	4		
690	The Dalles	09/2017	09/2067	2.375%	10	10		
691	The Dalles	09/2018	09/2068	2.750%	15	15		
692	The Dalles	09/2019	09/2069	3.125%	129	158		
693	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	1,068	0		
694	Yakima Chandler/Kenniwick	09/1956	09/2022	7.210%	481	0		
695	Yakima Chandler/Kenniwick	09/1959	09/2022	7.210%	1	0		
696	Yakima Chandler/Kenniwick	09/1960	09/2022	7.210%	1	0		
697	Yakima Chandler/Kenniwick	09/1961	09/2022	7.210%	1	0		
698	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	10	0		
699	Yakima Chandler/Kenniwick	09/1984	09/2022	10.750%	35	0		
700	Yakima Chandler/Kenniwick	09/1985	09/2022	12.375%	357	0		
701	Yakima Chandler/Kenniwick	09/1986	09/2022	7.210%	439	0		
702	Yakima Chandler/Kenniwick	09/1986	09/2022	11.375%	7	0		
703	Yakima Chandler/Kenniwick	09/1987	09/2022	8.875%	126	0		
704	Yakima Chandler/Kenniwick	09/1989	09/2022	9.250%	18	0		
705	Yakima Chandler/Kenniwick	09/1990	09/2022	8.875%	40	0		
706	Yakima Chandler/Kenniwick	09/1991	09/2022	8.750%	109	0		
707	Yakima Chandler/Kenniwick	09/2005	09/2055	5.125%	833	0		
708	Yakima Chandler/Kenniwick	09/2009	09/2059	4.375%	15	0		
709	Yakima Chandler/Kenniwick	09/2018	09/2068	2.750%	49	0		
710	Yakima Roza	09/2001	09/2051	5.875%	15	0		
711	Bureau Direct	01/2009	01/2021	3.999%	25,000	0		
712	Bureau Direct	04/2009	04/2023	4.391%	25,000	0		
713	Bureau Direct	06/2009	06/2039	5.192%	25,000	25,000		
714	Bureau Direct	03/2010	03/2020	4.083%	30,000	0		
715	Bureau Direct	04/2010	04/2020	3.973%	18,000	0		
716	Bureau Direct	05/2010	05/2020	3.574%	15,000	0		
717	Bureau Direct	06/2010	06/2020	3.243%	10,000	0		
718	Bureau Direct	06/2010	06/2020	3.243%	30,000	0		
719	Bureau Direct	07/2010	07/2020	3.118%	17,000	0		
720	Bureau Direct	08/2010	08/2020	0.165%	5,000	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
721	Bureau Direct	09/2010	09/2021	2.883%	22,000	0		
722	Bureau Direct	10/2010	10/2034	4.211%	20,000	20,000		
723	Bureau Direct	01/2011	01/2039	5.040%	35,000	35,000		
724	Bureau Direct	02/2011	02/2040	4.995%	50,000	50,000		
725	Bureau Direct	06/2011	06/2036	4.629%	30,000	30,000		
726	Bureau Direct	06/2011	06/2038	4.700%	30,000	30,000		
727	Bureau Direct	08/2011	08/2037	4.208%	30,000	30,000		
728	Bureau Direct	09/2011	07/2041	3.825%	30,000	0		
729	Bureau Direct	12/2011	12/2038	3.880%	35,000	0		
730	Bureau Direct	01/2012	01/2038	3.893%	15,000	0		
731	Bureau Direct	02/2012	09/2024	5.060%	55,000	16,500		
732	Bureau Direct	06/2012	06/2041	3.666%	50,000	0		
733	Bureau Direct	08/2012	07/2042	3.834%	44,000	0		
734	Bureau Direct	09/2012	09/2042	3.668%	25,000	0		
735	Bureau Direct	01/2013	01/2043	6.194%	70,000	0		
736	Bureau Direct	02/2013	02/2043	5.993%	18,000	0		
737	Bureau Direct	03/2013	03/2043	5.958%	15,000	0		
738	Bureau Direct	04/2013	04/2043	5.633%	15,000	0		
739	Bureau Direct	05/2013	05/2043	6.192%	18,000	0		
740	Bureau Direct	06/2013	01/2039	1.580%	35,000	0		
741	Bureau Direct	06/2013	06/2043	6.938%	21,000	0		
742	Bureau Direct	07/2013	07/2034	7.164%	25,000	0		
743	Bureau Direct	08/2013	08/2034	7.413%	15,000	0		
744	Bureau Direct	11/2013	09/2020	2.473%	51,000	0		
745	Bureau Direct	11/2013	09/2021	2.812%	50,000	0		
746	Bureau Direct	11/2013	09/2022	3.125%	19,000	0		
747	Bureau Direct	09/2014	05/2032	1.669%	16,000	0		
748	Bureau Direct	09/2014	05/2032	1.669%	10,000	0		
749	Bureau Direct	09/2014	06/2033	1.630%	11,000	0		
750	Bureau Direct	09/2014	06/2033	1.630%	12,000	0		
751	Bureau Direct	09/2014	07/2033	1.580%	15,000	0		
752	Bureau Direct	09/2015	09/2033	3.134%	10,000	0		
753	Bureau Direct	04/2016	04/2031	2.661%	17,000	17,000		
754	Bureau Direct	07/2016	07/2030	2.145%	12,000	12,000		
755	Bureau Direct	08/2018	01/2048	1.580%	13,000	0		
756	Bureau Direct	08/2018	02/2048	0.059%	5,000	0		
757	Bureau Direct	08/2018	03/2048	1.896%	26,000	0		
758	Bureau Direct	08/2018	06/2048	1.630%	16,000	0		
759	Bureau Direct	09/2018	02/2048	0.668%	29,000	0		
760	Bureau Direct	12/2018	09/2029	3.100%	13,000	0		
761	Bureau Direct	12/2018	09/2029	3.100%	43,000	0		
762	Bureau Direct	08/2019	08/2021	0.119%	20,000	0		
763	Bureau Direct	10/2019	09/2021	0.112%	20,000	0		
764	Bureau Direct	11/2019	09/2020	0.302%	7,000	0		
765	Bureau Direct	12/2019	09/2020	0.302%	13,000	0		
766	Bureau Direct	03/2020	09/2020	0.326%	30,000	0		
767	Bureau Direct	03/2020	06/2046	2.083%	26,000	26,000		
768	Bureau Direct	04/2020	09/2020	0.240%	18,000	0		
769	Bureau Direct	04/2020	04/2045	1.760%	30,000	30,000		
770	Bureau Direct	05/2020	09/2020	0.179%	15,000	0		
771	Bureau Direct	05/2020	05/2032	1.188%	16,000	16,000		
772	Bureau Direct	05/2020	05/2032	1.188%	10,000	10,000		
773	Bureau Direct	05/2020	05/2043	1.869%	24,000	24,000		
774	Bureau Direct	06/2020	09/2020	0.148%	30,000	0		
775	Bureau Direct	06/2020	06/2033	1.238%	11,000	11,000		
776	Bureau Direct	06/2020	06/2033	1.238%	12,000	12,000		
777	Bureau Direct	06/2020	06/2049	1.812%	10,000	10,000		
778	Bureau Direct	06/2020	06/2049	1.812%	16,000	16,000		
779	Bureau Direct	07/2020	07/2033	1.157%	15,000	15,000		
780	Bureau Direct	07/2020	01/2041	1.457%	35,000	35,000		
781	Bureau Direct	07/2020	01/2046	1.640%	13,000	13,000		
782	Bureau Direct	07/2020	07/2049	1.680%	17,000	17,000		
783	Bureau Direct	09/2020	09/2021	0.112%	51,000	0		
784	Bureau Direct	09/2020	09/2021	0.112%	30,000	0		
785	Bureau Direct	09/2020	09/2021	0.112%	5,000	0		
786	Bureau Direct	02/2022	02/2052	2.829%	9,000	9,000		
787	Bureau Direct	08/2022	09/2024	5.060%	18,000	3,000		
788	Bureau Direct	03/2023	09/2052	4.538%	12,000	12,000		
789	Bureau Direct	05/2023	11/2035	4.059%	7,000	7,000		
790	Bureau Direct	08/2023	08/2037	4.499%	8,000	8,000		
791	Bureau Direct	07/2024	09/2030	4.212%	7,000	7,000		
792	Bureau Direct	07/2024	09/2030	4.152%	8,000	8,000		
793	Conservation	01/2011	01/2023	4.046%	40,000	0		
794	Conservation	04/2011	04/2023	3.932%	35,000	0		
795	Conservation	08/2011	08/2023	3.206%	40,000	0		
796	Conservation	12/2011	12/2037	0.189%	55,000	0		
797	Conservation	08/2012	08/2024	2.788%	15,000	0		
798	Conservation	03/2013	03/2025	4.992%	10,000	0		
799	Conservation	04/2013	04/2025	4.553%	12,000	0		
800	Conservation	08/2013	08/2025	6.973%	5,000	0		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
801	Conservation	10/2013	10/2025	3.568%	34,000	0		
802	Conservation	11/2013	09/2023	3.375%	27,000	0		
803	Conservation	12/2013	12/2021	3.142%	6,000	0		
804	Conservation	12/2013	12/2023	5.536%	55,000	0		
805	Conservation	01/2014	01/2026	3.621%	5,000	0		
806	Conservation	04/2014	09/2024	5.419%	30,000	30,000		
807	Conservation	05/2014	04/2024	0.230%	15,000	0		
808	Conservation	05/2014	04/2025	5.011%	3,000	0		
809	Conservation	06/2014	10/2024	5.011%	5,000	0		
810	Conservation	07/2014	07/2025	4.809%	12,000	0		
811	Conservation	08/2014	09/2025	4.886%	4,000	0		
812	Conservation	10/2014	12/2024	4.787%	10,000	0		
813	Conservation	11/2014	03/2027	1.896%	6,000	0		
814	Conservation	12/2014	12/2023	2.403%	7,000	0		
815	Conservation	01/2015	01/2024	1.908%	7,000	0		
816	Conservation	02/2015	02/2024	2.251%	8,000	0		
817	Conservation	03/2015	03/2025	2.295%	5,000	0		
818	Conservation	04/2015	04/2024	2.269%	5,000	0		
819	Conservation	05/2015	05/2021	1.898%	5,000	0		
820	Conservation	07/2015	07/2021	2.067%	14,000	0		
821	Conservation	08/2015	08/2022	2.233%	6,000	0		
822	Conservation	09/2015	09/2022	2.062%	4,000	0		
823	Conservation	10/2015	10/2027	5.011%	25,000	0		
824	Conservation	01/2018	09/2022	2.513%	9,000	0		
825	Conservation	01/2018	09/2022	2.513%	20,000	0		
826	Conservation	03/2020	03/2027	0.964%	6,000	6,000		
827	Conservation	09/2022	09/2028	4.886%	5,000	0		
828	Conservation	12/2023	09/2024	5.399%	7,000	7,000		
829	Conservation	12/2023	09/2024	5.399%	55,000	55,000		
830	Conservation	04/2024	09/2024	5.454%	5,000	5,000		
831	Construction (AS)	10/1992	10/2032	8.350%	38	0		
832	Construction (AS)	07/1995	07/2025	7.700%	67	0		
833	Construction (AS)	01/2014	01/2020	2.183%	1,750	0		
834	Construction (AS)	01/2014	01/2020	2.183%	2,000	0		
835	Construction (AS)	04/2014	03/2020	1.896%	1,400	0		
836	Construction (AS)	04/2014	03/2020	1.896%	2,000	0		
837	Construction (AS)	05/2014	04/2020	1.681%	700	0		
838	Construction (AS)	07/2014	07/2020	1.580%	1,050	0		
839	Construction (AS)	11/2014	11/2020	1.809%	2,100	0		
840	Construction (AS)	12/2014	12/2020	1.922%	1,050	0		
841	Construction (AS)	02/2015	02/2021	1.761%	1,750	0		
842	Construction (AS)	05/2015	05/2021	1.898%	2,100	0		
843	Construction (AS)	10/2015	10/2021	1.942%	2,800	0		
844	Construction (AS)	02/2016	02/2022	0.059%	3,000	0		
845	Construction (AS)	09/2018	12/2023	3.064%	4,200	0		
846	Construction (AS)	08/2019	08/2021	0.119%	2,000	0		
847	Construction (AS)	10/2019	09/2020	0.302%	4,200	0		
848	Construction (AS)	10/2019	09/2020	0.302%	5,000	0		
849	Construction (AS)	11/2019	02/2021	0.119%	4,000	0		
850	Construction (AS)	01/2020	09/2020	0.302%	1,750	0		
851	Construction (AS)	01/2020	09/2020	0.302%	2,000	0		
852	Construction (AS)	03/2020	09/2020	0.326%	1,400	0		
853	Construction (AS)	03/2020	09/2020	0.326%	2,000	0		
854	Construction (AS)	04/2020	09/2020	0.240%	700	0		
855	Construction (AS)	05/2021	05/2022	0.074%	2,000	0		
856	Construction (AS)	03/2023	09/2028	3.855%	2,000	2,000		
857	Construction (AS)	12/2023	09/2024	5.399%	4,200	4,200		
858	Corps	09/2015	09/2033	3.134%	4,000	0		
859	Corps	02/2016	02/2045	0.668%	3,000	0		
860	Corps	04/2016	04/2031	2.661%	53,000	19,393		
861	Corps	05/2016	05/2030	2.599%	15,000	15,000		
862	Corps	07/2016	07/2030	2.145%	25,000	25,000		
863	Corps	08/2018	02/2048	0.668%	7,000	0		
864	Corps	08/2018	03/2048	1.896%	24,000	0		
865	Corps	08/2018	05/2048	1.669%	21,000	0		
866	Corps	08/2018	06/2048	1.630%	24,000	0		
867	Corps	08/2018	07/2048	1.580%	32,000	0		
868	Corps	08/2018	10/2048	1.681%	27,000	0		
869	Corps	08/2018	11/2048	1.669%	25,000	0		
870	Corps	09/2018	01/2048	1.580%	2,000	0		
871	Corps	09/2018	03/2048	1.896%	54,200	0		
872	Corps	09/2018	07/2048	1.580%	64,000	0		
873	Corps	09/2018	08/2048	0.668%	17,000	0		
874	Corps	08/2019	08/2021	0.119%	21,000	0		
875	Corps	11/2019	07/2021	0.138%	34,000	0		
876	Corps	11/2019	09/2021	0.112%	40,000	0		
877	Corps	03/2020	09/2047	2.103%	24,000	24,000		
878	Corps	04/2020	04/2028	0.945%	27,000	27,000		
879	Corps	04/2020	04/2044	1.744%	40,000	40,000		
880	Corps	04/2020	04/2050	1.827%	50,000	50,000		

**TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
881	Corps	05/2020	05/2048	1.953%	21,000	21,000		
882	Corps	05/2020	11/2048	1.957%	25,000	25,000		
883	Corps	06/2020	06/2049	1.812%	24,000	24,000		
884	Corps	07/2020	01/2046	1.640%	2,000	2,000		
885	Corps	07/2020	07/2046	1.651%	32,000	32,000		
886	Corps	07/2020	07/2047	1.667%	64,000	64,000		
887	Corps	05/2021	05/2022	0.074%	45,000	0		
888	Corps	06/2021	06/2022	0.118%	30,000	0		
889	Corps	06/2021	06/2022	0.118%	20,000	0		
890	Corps	06/2021	06/2022	0.118%	17,000	0		
891	Corps	07/2021	07/2022	0.090%	28,000	0		
892	Corps	07/2021	07/2022	0.090%	24,000	0		
893	Corps	07/2021	07/2022	0.090%	15,000	0		
894	Corps	08/2021	08/2022	0.087%	29,000	0		
895	Corps	08/2021	08/2022	0.087%	22,000	0		
896	Corps	08/2021	08/2022	0.087%	16,000	0		
897	Corps	02/2022	02/2042	2.732%	37,000	37,000		
898	Corps	02/2022	02/2051	2.825%	35,000	35,000		
899	Corps	02/2022	02/2052	2.829%	34,000	34,000		
900	Corps	08/2022	09/2024	5.060%	18,300	18,300		
901	Corps	08/2022	08/2047	5.060%	13,700	13,700		
902	Corps	08/2022	08/2049	5.060%	33,000	33,000		
903	Corps	02/2023	02/2050	3.595%	21,000	21,000		
904	Corps	02/2023	02/2050	3.595%	19,000	19,000		
905	Corps	03/2023	03/2053	4.548%	13,000	13,000		
906	Corps	05/2023	11/2034	4.027%	13,000	13,000		
907	Corps	05/2023	05/2035	4.043%	22,000	22,000		
908	Corps	08/2023	02/2038	4.505%	30,000	30,000		
909	Corps	08/2023	08/2038	4.519%	27,000	27,000		
910	Corps	07/2024	09/2029	4.182%	8,000	8,000		
911	Corps	07/2024	09/2029	4.123%	7,000	7,000		
912	Fish and Wildlife	06/2009	06/2024	4.556%	20,000	0		
913	Fish and Wildlife	01/2011	01/2026	4.440%	50,000	0		
914	Fish and Wildlife	02/2011	02/2026	4.398%	15,000	15,000		
915	Fish and Wildlife	06/2011	06/2026	4.205%	15,000	15,000		
916	Fish and Wildlife	01/2012	01/2038	3.893%	30,000	0		
917	Fish and Wildlife	05/2012	05/2029	0.140%	5,000	0		
918	Fish and Wildlife	06/2012	06/2041	3.666%	11,000	0		
919	Fish and Wildlife	08/2012	08/2027	3.090%	11,000	0		
920	Fish and Wildlife	11/2012	11/2027	5.046%	25,000	0		
921	Fish and Wildlife	03/2013	03/2028	5.445%	10,000	0		
922	Fish and Wildlife	04/2013	04/2028	5.042%	6,000	0		
923	Fish and Wildlife	06/2013	06/2028	6.607%	8,000	0		
924	Fish and Wildlife	08/2013	08/2028	7.249%	5,000	0		
925	Fish and Wildlife	10/2013	12/2026	3.717%	28,000	28,000		
926	Fish and Wildlife	10/2013	05/2027	3.762%	11,000	11,000		
927	Fish and Wildlife	10/2013	10/2028	3.880%	22,000	22,000		
928	Fish and Wildlife	11/2013	09/2022	3.125%	31,000	0		
929	Fish and Wildlife	11/2013	09/2023	3.375%	23,000	0		
930	Fish and Wildlife	11/2013	05/2027	4.697%	5,000	0		
931	Fish and Wildlife	01/2014	01/2029	3.896%	7,000	7,000		
932	Fish and Wildlife	04/2014	02/2029	5.026%	7,000	0		
933	Fish and Wildlife	05/2014	04/2027	5.011%	11,000	0		
934	Fish and Wildlife	08/2014	07/2029	4.809%	5,000	0		
935	Fish and Wildlife	10/2014	01/2029	4.809%	15,000	0		
936	Fish and Wildlife	11/2014	03/2030	1.896%	8,000	0		
937	Fish and Wildlife	01/2015	01/2024	1.908%	5,000	0		
938	Fish and Wildlife	03/2015	03/2028	2.511%	3,000	3,000		
939	Fish and Wildlife	10/2015	02/2031	5.026%	4,000	0		
940	Fish and Wildlife	10/2015	03/2031	0.085%	5,000	0		
941	Fish and Wildlife	02/2016	02/2031	5.026%	4,000	0		
942	Fish and Wildlife	09/2018	02/2048	2.476%	18,000	0		
943	Fish and Wildlife	08/2019	02/2021	0.119%	18,000	0		
944	Fish and Wildlife	08/2019	08/2021	0.119%	4,000	0		
945	Fish and Wildlife	11/2019	04/2021	0.138%	20,000	0		
946	Fish and Wildlife	11/2019	08/2021	0.119%	27,000	0		
947	Fish and Wildlife	03/2020	03/2030	1.274%	8,000	8,000		
948	Fish and Wildlife	05/2021	05/2022	0.074%	20,000	0		
949	Fish and Wildlife	02/2022	02/2037	2.515%	38,000	38,000		
950	Fish and Wildlife	08/2022	09/2024	5.060%	29,000	29,000		

TABLE 13A
HISTORICAL INVESTMENTS
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H
	Project	In Service Date	Due Date	Interest Rate	Initial Principal	Current Principal	Roll Maturity Date	Rollover Rate
951	Fish and Wildlife	03/2023	09/2037	4.115%	13,000	13,000		
952	Fish and Wildlife	08/2023	02/2038	4.505%	4,000	4,000		
953	Fish and Wildlife	06/2024	09/2024	5.454%	20,000	20,000		
954	Fish and Wildlife	07/2024	09/2030	4.212%	6,000	6,000		
955	Fish and Wildlife	07/2024	09/2030	4.152%	4,000	4,000		
956	Technology (G)	01/2015	01/2021	1.469%	35,000	0		
957	Technology (G)	10/2015	07/2022	0.443%	6,000	0		
958	Technology (G)	08/2019	08/2021	0.119%	3,000	0		
959	Technology (G)	05/2023	05/2028	3.941%	5,000	5,000		
960	Technology (G)	07/2024	09/2028	4.190%	5,000	5,000		
961	Technology (G)	07/2024	09/2028	4.132%	5,000	5,000		
962	Totals:				15,142,377	2,724,993		

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
1	2024	Albeni Falls	Historical	42	4.249%	2	-	-	2
2	2024	Boise	Historical		3.257%		-	-	
3	2024	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
4	2024	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
5	2024	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
6	2024	Columbia River Fish Mitigation	Historical	976,876	3.193%	31,190	-	-	31,190
7	2024	Cougar	Historical	4,971	2.953%	147	-	-	147
8	2024	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
9	2024	Dworshak	Historical	31	2.077%	1	-	-	1
10	2024	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
11	2024	Hills Creek	Historical	154	3.404%	5	-	-	5
12	2024	Hungry Horse Dam	Historical	4	3.375%		-	-	
13	2024	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
14	2024	John Day	Historical	6,580	3.432%	226	-	-	226
15	2024	Libby	Historical	494	3.192%	16	-	-	16
16	2024	Little Goose	Historical	8,314	2.341%	195	-	-	195
17	2024	Lookout Dam	Historical	311	3.396%	11	-	-	11
18	2024	Lost Creek	Historical	7	3.748%		-	-	
19	2024	Lower Granite	Historical	26,975	2.541%	685	-	-	685
20	2024	Lower Monument	Historical	2,617	3.266%	85	-	-	85
21	2024	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
22	2024	McNary	Historical	3,052	3.287%	100	-	-	100
23	2024	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
24	2024	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
25	2024	The Dalles	Historical	489	3.174%	16	-	-	16
26	2024	Bureau Direct	Historical	539,500	3.217%	17,356	-	(1,526)	15,829
27	2024	Bureau Direct	New	15,000	-	-	-	115	115
28	2024	Conservation	Historical	36,000	4.677%	1,684	-	-	1,684
29	2024	Conservation	New	67,000	3.917%	2,624	-	-	2,624
30	2024	Construction (AS)	Historical	2,000	3.855%	77	-	-	77
31	2024	Construction (AS)	New	4,200	4.049%	170	-	-	170
32	2024	Corps	Historical	684,393	2.771%	18,961	-	(200)	18,762
33	2024	Corps	New	15,000	-	-	-	116	116
34	2024	Fish and Wildlife	Historical	193,000	3.721%	7,182	-	-	7,182
35	2024	Fish and Wildlife	New	30,000	0.909%	273	-	79	352
36	2024	Technology (G)	Historical	5,000	3.941%	197	-	-	197
37	2024	Technology (G)	New	10,000	-	-	-	77	77
38	2024	Float	Historical	-	-	(2,742)	-	-	(2,742)
39	FY 2024	Subtotal:		2,724,993		81,642	-	(1,337)	80,305
40	2025	Albeni Falls	Historical	42	4.249%	2	-	-	2
41	2025	Boise	Historical		3.257%		-	-	
42	2025	Bonneville Dam	Historical	16,237	3.854%	626	-	-	626
43	2025	Chief Joseph	Historical	24,769	4.373%	1,083	-	-	1,083
44	2025	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
45	2025	Columbia River Fish Mitigation	Historical	990,321	3.209%	31,778	-	-	31,778
46	2025	Cougar	Historical	4,971	2.953%	147	-	-	147
47	2025	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
48	2025	Dworshak	Historical	31	2.077%	1	-	-	1
49	2025	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
50	2025	Hills Creek	Historical	154	3.404%	5	-	-	5
51	2025	Hungry Horse Dam	Historical	4	3.375%		-	-	
52	2025	Ice Harbor	Historical	5,503	3.325%	183	-	-	183
53	2025	John Day	Historical	6,580	3.432%	226	-	-	226
54	2025	Libby	Historical	494	3.192%	16	-	-	16
55	2025	Little Goose	Historical	8,314	2.341%	195	-	-	195
56	2025	Lookout Dam	Historical	311	3.396%	11	-	-	11
57	2025	Lost Creek	Historical	7	3.748%		-	-	
58	2025	Lower Granite	Historical	26,975	2.541%	685	-	-	685
59	2025	Lower Monument	Historical	2,617	3.266%	85	-	-	85
60	2025	Lower Snake Fish and Wildlife	Historical	5,049	3.346%	169	-	-	169
61	2025	McNary	Historical	3,052	3.287%	100	-	-	100
62	2025	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
63	2025	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
64	2025	The Dalles	Historical	489	3.174%	16	-	-	16
65	2025	Bureau Direct	Historical	380,000	2.414%	9,174	-	(697)	8,477
66	2025	Bureau Direct	New	34,700	2.348%	815	-	-	815

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
67	2025 Conservation	Historical	6,000	0.964%	58	-	-	58
68	2025 Construction (AS)	Historical	12,000	3.800%	456	-	-	456
69	2025 Construction (AS)	New	6,800	1.825%	124	-	-	124
70	2025 Corps	Historical	647,093	2.598%	16,809	-	(807)	16,002
71	2025 Corps	New	194,400	0.783%	1,522	-	2,282	3,804
72	2025 Fish and Wildlife	Historical	184,000	3.457%	6,360	-	(368)	5,992
73	2025 Fish and Wildlife	New	56,300	2.106%	1,186	-	-	1,186
74	2025 Technology (G)	Historical	15,000	4.608%	691	-	(143)	548
75	2025 Technology (G)	New	900	1.824%	16	-	-	16
76	2025 Float	Historical	-	-	(2,314)	-	-	(2,314)
77	FY 2025 Subtotal:		2,674,538		71,347	-	267	71,613
78	2026 Boise	Historical		3.257%		-	-	
79	2026 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
80	2026 Chief Joseph	Historical	42	3.281%	1	-	-	1
81	2026 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
82	2026 Columbia River Fish Mitigation	Historical	829,492	2.988%	24,782	-	-	24,782
83	2026 Cougar	Historical	4,791	2.901%	139	-	-	139
84	2026 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
85	2026 Dworshak	Historical	31	2.077%	1	-	-	1
86	2026 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
87	2026 Hills Creek	Historical	154	3.404%	5	-	-	5
88	2026 Hungry Horse Dam	Historical	4	3.375%		-	-	
89	2026 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
90	2026 John Day	Historical	6,224	3.386%	211	-	-	211
91	2026 Libby	Historical	454	3.099%	14	-	-	14
92	2026 Little Goose	Historical	8,284	2.335%	193	-	-	193
93	2026 Lookout Dam	Historical	311	3.396%	11	-	-	11
94	2026 Lost Creek	Historical	7	3.748%		-	-	
95	2026 Lower Granite	Historical	25,373	2.431%	617	-	-	617
96	2026 Lower Monument	Historical	2,617	3.266%	85	-	-	85
97	2026 Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
98	2026 McNary	Historical	3,052	3.287%	100	-	-	100
99	2026 Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
100	2026 RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
101	2026 The Dalles	Historical	489	3.174%	16	-	-	16
102	2026 Bureau Direct	Historical	337,700	2.077%	7,014	-	-	7,014
103	2026 Bureau Direct	New	37,500	1.673%	627	-	-	627
104	2026 Conservation	Historical	6,000	0.964%	58	-	-	58
105	2026 Construction (AS)	Historical	18,800	3.745%	704	-	-	704
106	2026 Construction (AS)	New	10,400	1.673%	174	-	-	174
107	2026 Corps	Historical	738,793	2.835%	20,946	-	(78)	20,867
108	2026 Corps	New	248,900	1.394%	3,470	-	-	3,470
109	2026 Fish and Wildlife	Historical	185,378	3.339%	6,190	-	(635)	5,556
110	2026 Fish and Wildlife	New	37,900	1.673%	634	-	-	634
111	2026 Technology (G)	Historical	10,900	2.210%	241	-	-	241
112	2026 Technology (G)	New	1,400	1.599%	22	-	-	22
113	2026 Float	Historical	-	-	(2,204)	-	-	(2,204)
114	FY 2026 Subtotal:		2,577,289		65,894	-	(713)	65,181
115	2027 Boise	Historical		3.257%		-	-	
116	2027 Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
117	2027 Chief Joseph	Historical	42	3.281%	1	-	-	1
118	2027 Columbia Basin	Historical	23,424	2.296%	538	-	-	538
119	2027 Columbia River Fish Mitigation	Historical	868,365	3.015%	26,185	-	-	26,185
120	2027 Cougar	Historical	4,791	2.901%	139	-	-	139
121	2027 Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
122	2027 Dworshak	Historical	31	2.077%	1	-	-	1
123	2027 Green Peter/Foster	Historical	648	3.663%	24	-	-	24
124	2027 Hills Creek	Historical	154	3.404%	5	-	-	5
125	2027 Hungry Horse Dam	Historical	4	3.375%		-	-	
126	2027 Ice Harbor	Historical	5,296	3.289%	174	-	-	174
127	2027 John Day	Historical	6,224	3.386%	211	-	-	211
128	2027 Libby	Historical	454	3.099%	14	-	-	14
129	2027 Little Goose	Historical	8,284	2.335%	193	-	-	193
130	2027 Lookout Dam	Historical	311	3.396%	11	-	-	11
131	2027 Lost Creek	Historical	7	3.748%		-	-	
132	2027 Lower Granite	Historical	25,373	2.431%	617	-	-	617

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
133	2027	Lower Monument	Historical	2,617	3.266%	85	-	-	85
134	2027	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
135	2027	McNary	Historical	3,052	3.287%	100	-	-	100
136	2027	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
137	2027	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
138	2027	The Dalles	Historical	489	3.174%	16	-	-	16
139	2027	Bureau Direct	Historical	307,700	1.802%	5,544	-	-	5,544
140	2027	Bureau Direct	New	50,800	2.091%	1,062	-	-	1,062
141	2027	Construction (AS)	Historical	18,800	3.745%	704	-	-	704
142	2027	Construction (AS)	New	9,800	1.544%	151	-	-	151
143	2027	Corps	Historical	688,793	2.698%	18,581	-	(2,084)	16,497
144	2027	Corps	New	235,500	1.125%	2,649	-	336	2,985
145	2027	Fish and Wildlife	Historical	111,729	3.357%	3,751	-	-	3,751
146	2027	Fish and Wildlife	New	67,000	1.831%	1,226	-	-	1,226
147	2027	Technology (G)	Historical	2,300	3.374%	78	-	-	78
148	2027	Technology (G)	New	1,400	1.544%	22	-	-	22
149	2027	Float	Historical	-	-	(1,768)	-	-	(1,768)
150	FY 2027	Subtotal:		2,476,313		61,420	-	(1,748)	59,672
151	2028	Boise	Historical		3.257%		-	-	
152	2028	Bonneville Dam	Historical	12,068	3.688%	445	-	-	445
153	2028	Chief Joseph	Historical	42	3.281%	1	-	-	1
154	2028	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
155	2028	Columbia River Fish Mitigation	Historical	873,069	3.019%	26,354	-	-	26,354
156	2028	Cougar	Historical	4,791	2.901%	139	-	-	139
157	2028	Detroit Lake/Big Cliff	Historical	578	2.913%	17	-	-	17
158	2028	Dworshak	Historical	31	2.077%	1	-	-	1
159	2028	Green Peter/Foster	Historical	648	3.663%	24	-	-	24
160	2028	Hills Creek	Historical	154	3.404%	5	-	-	5
161	2028	Hungry Horse Dam	Historical	4	3.375%		-	-	
162	2028	Ice Harbor	Historical	5,296	3.289%	174	-	-	174
163	2028	John Day	Historical	6,224	3.386%	211	-	-	211
164	2028	Libby	Historical	454	3.099%	14	-	-	14
165	2028	Little Goose	Historical	8,284	2.335%	193	-	-	193
166	2028	Lookout Dam	Historical	311	3.396%	11	-	-	11
167	2028	Lost Creek	Historical	7	3.748%		-	-	
168	2028	Lower Granite	Historical	25,373	2.431%	617	-	-	617
169	2028	Lower Monument	Historical	2,617	3.266%	85	-	-	85
170	2028	Lower Snake Fish and Wildlife	Historical	3,503	2.893%	101	-	-	101
171	2028	McNary	Historical	3,052	3.287%	100	-	-	100
172	2028	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
173	2028	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
174	2028	The Dalles	Historical	489	3.174%	16	-	-	16
175	2028	Bureau Direct	Historical	323,800	2.116%	6,853	-	-	6,853
176	2028	Bureau Direct	New	61,600	2.072%	1,276	-	-	1,276
177	2028	Construction (AS)	Historical	28,600	2.424%	693	-	-	693
178	2028	Construction (AS)	New	10,600	1.541%	163	-	-	163
179	2028	Corps	Historical	530,993	2.367%	12,569	-	(347)	12,222
180	2028	Corps	New	224,800	0.691%	1,552	-	2,328	3,881
181	2028	Fish and Wildlife	Historical	178,729	2.787%	4,981	-	-	4,981
182	2028	Fish and Wildlife	New	64,100	1.820%	1,166	-	-	1,166
183	2028	Technology (G)	Historical	3,700	2.822%	104	-	-	104
184	2028	Technology (G)	New	4,600	1.541%	71	-	-	71
185	2028	Float	Historical	-	-	(2,118)	-	-	(2,118)
186	FY 2028	Subtotal:		2,418,716		56,900	-	1,981	58,881
187	2029	Boise	Historical		1.629%		-	-	
188	2029	Bonneville Dam	Historical	1,105	3.076%	34	-	-	34
189	2029	Chief Joseph	Historical	10	2.876%		-	-	
190	2029	Columbia Basin	Historical	23,424	2.296%	538	-	-	538
191	2029	Columbia River Fish Mitigation	Historical	523,940	2.565%	13,438	-	-	13,438
192	2029	Cougar	Historical	4,359	2.829%	123	-	-	123
193	2029	Detroit Lake/Big Cliff	Historical	560	2.878%	16	-	-	16
194	2029	Dworshak	Historical	31	2.077%	1	-	-	1
195	2029	Green Peter/Foster	Historical	148	3.017%	4	-	-	4
196	2029	Hungry Horse Dam	Historical	4	3.375%		-	-	
197	2029	Ice Harbor	Historical	4,363	3.200%	140	-	-	140

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
198	2029	Libby	Historical	287	2.739%	8	-	-	8
199	2029	Little Goose	Historical	8,284	2.335%	193	-	-	193
200	2029	Lower Granite	Historical	22,720	2.262%	514	-	-	514
201	2029	Lower Monument	Historical	1,098	2.463%	27	-	-	27
202	2029	Lower Snake Fish and Wildlife	Historical	3,160	2.791%	88	-	-	88
203	2029	McNary	Historical	1,717	2.875%	49	-	-	49
204	2029	Minidoka/Palisades	Historical	15,664	3.245%	508	-	-	508
205	2029	RRP - Green Springs	Historical	1,109	3.125%	35	-	-	35
206	2029	The Dalles	Historical	489	3.174%	16	-	-	16
207	2029	Bureau Direct	Historical	406,178	2.235%	9,076	-	(22)	9,055
208	2029	Construction (AS)	Historical	37,493	2.679%	1,004	-	-	1,004
209	2029	Corps	Historical	795,958	2.998%	23,862	-	(347)	23,515
210	2029	Fish and Wildlife	Historical	195,887	2.649%	5,188	-	(104)	5,085
211	2029	Replacements	New	265,989	2.030%	5,399	-	-	5,399
212	2029	Technology (G)	Historical	7,400	2.510%	186	-	-	186
213	2029	Float	Historical	-	-	(1,891)	-	-	(1,891)
214	FY 2029	Subtotal:		2,321,377		58,558	-	(472)	58,086
215	2030	Columbia Basin	Historical	16,093	1.965%	316	-	-	316
216	2030	Columbia River Fish Mitigation	Historical	268,480	2.064%	5,541	-	-	5,541
217	2030	Cougar	Historical	269	2.127%	6	-	-	6
218	2030	Dworshak	Historical	31	2.077%	1	-	-	1
219	2030	Green Peter/Foster	Historical	1	2.156%	-	-	-	-
220	2030	Libby	Historical	287	2.739%	8	-	-	8
221	2030	Little Goose	Historical	8,218	2.330%	191	-	-	191
222	2030	Lower Granite	Historical	19,245	2.109%	406	-	-	406
223	2030	Lower Monument	Historical	942	2.375%	22	-	-	22
224	2030	Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
225	2030	McNary	Historical	239	2.375%	6	-	-	6
226	2030	Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
227	2030	RRP - Green Springs	Historical	1	1.934%	-	-	-	-
228	2030	The Dalles	Historical	25	2.600%	1	-	-	1
229	2030	Bureau Direct	Historical	346,378	1.909%	6,612	-	(42)	6,569
230	2030	Construction (AS)	Historical	27,693	3.081%	853	-	-	853
231	2030	Corps	Historical	767,589	2.768%	21,245	-	(2,348)	18,897
232	2030	Fish and Wildlife	Historical	122,458	3.092%	3,786	-	-	3,786
233	2030	Replacements	Historical	265,989	4.059%	10,797	-	-	10,797
234	2030	Replacements	New	265,989	2.030%	5,399	-	-	5,399
235	2030	Technology (G)	Historical	4,600	3.081%	142	-	-	142
236	2030	Float	Historical	-	-	(1,340)	-	-	(1,340)
237	FY 2030	Subtotal:		2,116,574		54,045	-	(2,390)	51,655
238	2031	Columbia Basin	Historical	16,093	1.965%	316	-	-	316
239	2031	Columbia River Fish Mitigation	Historical	268,480	2.064%	5,541	-	-	5,541
240	2031	Cougar	Historical	269	2.127%	6	-	-	6
241	2031	Dworshak	Historical	31	2.077%	1	-	-	1
242	2031	Green Peter/Foster	Historical	1	2.156%	-	-	-	-
243	2031	Libby	Historical	287	2.739%	8	-	-	8
244	2031	Little Goose	Historical	8,218	2.330%	191	-	-	191
245	2031	Lower Granite	Historical	19,245	2.109%	406	-	-	406
246	2031	Lower Monument	Historical	942	2.375%	22	-	-	22
247	2031	Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
248	2031	McNary	Historical	239	2.375%	6	-	-	6
249	2031	Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
250	2031	RRP - Green Springs	Historical	1	1.934%	-	-	-	-
251	2031	The Dalles	Historical	25	2.600%	1	-	-	1
252	2031	Bureau Direct	Historical	272,778	1.704%	4,648	-	(188)	4,460
253	2031	Construction (AS)	Historical	27,693	3.081%	853	-	-	853
254	2031	Corps	Historical	517,172	2.144%	11,087	-	(414)	10,673
255	2031	Fish and Wildlife	Historical	114,458	2.243%	2,567	-	-	2,567
256	2031	Replacements	Historical	531,977	4.059%	21,595	-	-	21,595
257	2031	Replacements	New	265,989	2.030%	5,399	-	-	5,399
258	2031	Technology (G)	Historical	4,600	3.081%	142	-	-	142
259	2031	Float	Historical	-	-	(1,010)	-	-	(1,010)
260	FY 2031	Subtotal:		2,050,546		51,832	-	(602)	51,230
261	2032	Columbia Basin	Historical	16,093	1.965%	316	-	-	316

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
262	2032 Columbia River Fish Mitigation	Historical	268,480	2.064%	5,541	-	-	5,541
263	2032 Cougar	Historical	269	2.127%	6	-	-	6
264	2032 Dworshak	Historical	31	2.077%	1	-	-	1
265	2032 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
266	2032 Libby	Historical	287	2.739%	8	-	-	8
267	2032 Little Goose	Historical	8,218	2.330%	191	-	-	191
268	2032 Lower Granite	Historical	19,245	2.109%	406	-	-	406
269	2032 Lower Monument	Historical	942	2.375%	22	-	-	22
270	2032 Lower Snake Fish and Wildlife	Historical	1,903	2.653%	50	-	-	50
271	2032 McNary	Historical	239	2.375%	6	-	-	6
272	2032 Minidoka/Palisades	Historical	145	2.750%	4	-	-	4
273	2032 RRP - Green Springs	Historical	1	1.934%	-	-	-	-
274	2032 The Dalles	Historical	25	2.600%	1	-	-	1
275	2032 Bureau Direct	Historical	235,000	1.602%	3,765	-	(103)	3,662
276	2032 Construction (AS)	Historical	27,693	1.541%	427	-	-	427
277	2032 Corps	Historical	383,631	1.792%	6,877	-	(174)	6,702
278	2032 Fish and Wildlife	Historical	50,272	2.340%	1,176	-	-	1,176
279	2032 Replacements	Historical	797,966	4.059%	32,392	-	-	32,392
280	2032 Replacements	New	265,989	2.030%	5,399	-	-	5,399
281	2032 Technology (G)	Historical	4,600	1.541%	71	-	-	71
282	2032 Float	Historical	-	-	(848)	-	-	(848)
283	FY 2032 Subtotal:		2,081,029		55,810	-	(278)	55,532
284	2033 Columbia Basin	Historical	16,093	1.965%	316	-	-	316
285	2033 Columbia River Fish Mitigation	Historical	220,034	1.913%	4,209	-	-	4,209
286	2033 Cougar	Historical	269	2.127%	6	-	-	6
287	2033 Dworshak	Historical	31	2.077%	1	-	-	1
288	2033 Green Peter/Foster	Historical	1	2.156%	-	-	-	-
289	2033 Libby	Historical	5	2.109%	-	-	-	-
290	2033 Little Goose	Historical	5,511	2.124%	117	-	-	117
291	2033 Lower Granite	Historical	19,245	2.109%	406	-	-	406
292	2033 Lower Monument	Historical	942	2.375%	22	-	-	22
293	2033 Lower Snake Fish and Wildlife	Historical	295	2.125%	6	-	-	6
294	2033 McNary	Historical	239	2.375%	6	-	-	6
295	2033 RRP - Green Springs	Historical	1	1.934%	-	-	-	-
296	2033 The Dalles	Historical	10	2.371%	-	-	-	-
297	2033 Bureau Direct	Historical	209,000	1.654%	3,456	-	(100)	3,356
298	2033 Corps	Historical	310,362	1.760%	5,463	-	(65)	5,398
299	2033 Fish and Wildlife	Historical	38,000	1.251%	475	-	(81)	394
300	2033 Replacements	Historical	1,063,954	4.059%	43,189	-	-	43,189
301	2033 Replacements	New	265,989	2.030%	5,399	-	-	5,399
302	2033 Float	Historical	-	-	(717)	-	-	(717)
303	FY 2033 Subtotal:		2,149,981		62,354	-	(246)	62,108
304	2034 Columbia Basin	Historical	16,093	1.961%	316	-	-	316
305	2034 Columbia River Fish Mitigation	Historical	171,615	1.274%	2,186	-	-	2,186
306	2034 Cougar	Historical	269	1.072%	3	-	-	3
307	2034 Dworshak	Historical	31	1.083%	-	-	-	-
308	2034 Green Peter/Foster	Historical	1	1.078%	-	-	-	-
309	2034 Libby	Historical	5	1.055%	-	-	-	-
310	2034 Little Goose	Historical	5,511	1.063%	59	-	-	59
311	2034 Lower Granite	Historical	19,245	1.069%	206	-	-	206
312	2034 Lower Snake Fish and Wildlife	Historical	295	1.062%	3	-	-	3
313	2034 RRP - Green Springs	Historical	1	1.934%	-	-	-	-
314	2034 Bureau Direct	Historical	171,000	1.595%	2,727	-	(135)	2,592
315	2034 Corps	Historical	282,000	1.711%	4,826	-	(39)	4,787
316	2034 Replacements	Historical	1,329,943	4.059%	53,986	-	-	53,986
317	2034 Replacements	New	265,989	2.030%	5,399	-	-	5,399
318	2034 Float	Historical	-	-	(781)	-	-	(781)
319	FY 2034 Subtotal:		2,261,998		68,929	-	(174)	68,755
320	2035 Columbia Basin	Historical	13,165	0.938%	123	-	-	123
321	2035 Columbia River Fish Mitigation	Historical	81,994	1.367%	1,121	-	-	1,121
322	2035 Dworshak	Historical	2	1.413%	-	-	-	-
323	2035 Little Goose	Historical	7	1.369%	-	-	-	-
324	2035 Lower Granite	Historical	423	1.375%	6	-	-	6
325	2035 RRP - Green Springs	Historical	1	0.967%	-	-	-	-
326	2035 Bureau Direct	Historical	145,000	1.603%	2,324	-	(216)	2,108
327	2035 Corps	Historical	252,053	1.682%	4,240	-	(750)	3,489
328	2035 Replacements	Historical	1,595,931	4.059%	64,784	-	-	64,784

TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)

A	B	D	E	F	G	H	I	J
Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
329	2035 Replacements	New	265,989	2.030%	5,399	-	-	5,399
330	2035 Float	Historical	-	-	(799)	-	-	(799)
331	FY 2035 Subtotal:		2,354,565		77,197	-	(966)	76,231
332	2036 Columbia River Fish Mitigation	Historical	80,420	1.375%	1,106	-	-	1,106
333	2036 Dworshak	Historical	2	1.413%	-	-	-	-
334	2036 Little Goose	Historical	7	1.369%	-	-	-	-
335	2036 Lower Granite	Historical	423	1.375%	6	-	-	6
336	2036 Bureau Direct	Historical	106,422	1.407%	1,497	-	(318)	1,179
337	2036 Corps	Historical	138,000	1.392%	1,921	-	(423)	1,497
338	2036 Replacements	Historical	1,861,920	4.059%	75,581	-	-	75,581
339	2036 Replacements	New	265,989	2.030%	5,399	-	-	5,399
340	2036 Float	Historical	-	-	(810)	-	-	(810)
341	FY 2036 Subtotal:		2,453,183		84,699	-	(741)	83,958
342	2037 Columbia River Fish Mitigation	Historical	80,420	0.840%	676	-	-	676
343	2037 Dworshak	Historical	2	0.707%	-	-	-	-
344	2037 Little Goose	Historical	7	0.685%	-	-	-	-
345	2037 Lower Granite	Historical	423	0.687%	3	-	-	3
346	2037 Bureau Direct	Historical	48,000	0.753%	362	-	(119)	242
347	2037 Corps	Historical	49,402	0.828%	409	-	(135)	274
348	2037 Replacements	Historical	2,127,908	4.059%	86,378	-	-	86,378
349	2037 Replacements	New	265,989	2.030%	5,399	-	-	5,399
350	2037 Float	Historical	-	-	(829)	-	-	(829)
351	FY 2037 Subtotal:		2,572,151		92,397	-	(254)	92,143
352	2038 Columbia River Fish Mitigation	Historical	17,847	0.687%	123	-	-	123
353	2038 Replacements	Historical	2,393,897	3.924%	93,926	-	-	93,926
354	2038 Replacements	New	265,989	2.030%	5,399	-	-	5,399
355	2038 Float	Historical	-	-	(843)	-	-	(843)
356	FY 2038 Subtotal:		2,677,732		98,604	-	-	98,604
357	2039 Replacements	Historical	2,499,776	3.923%	98,071	-	-	98,071
358	2039 Replacements	New	265,989	2.030%	5,399	-	-	5,399
359	2039 Float	Historical	-	-	(864)	-	-	(864)
360	FY 2039 Subtotal:		2,765,765		102,606	-	-	102,606
361	2040 Replacements	Historical	2,598,150	3.915%	101,712	-	-	101,712
362	2040 Replacements	New	265,989	2.030%	5,399	-	-	5,399
363	2040 Float	Historical	-	-	(882)	-	-	(882)
364	FY 2040 Subtotal:		2,864,138		106,229	-	-	106,229
365	2041 Replacements	Historical	2,679,168	3.973%	106,445	-	-	106,445
366	2041 Replacements	New	265,989	2.030%	5,399	-	-	5,399
367	2041 Float	Historical	-	-	(903)	-	-	(903)
368	FY 2041 Subtotal:		2,945,157		110,940	-	-	110,940
369	2042 Replacements	Historical	2,831,302	3.924%	111,097	-	-	111,097
370	2042 Replacements	New	265,989	2.030%	5,399	-	-	5,399
371	2042 Float	Historical	-	-	(914)	-	-	(914)
372	FY 2042 Subtotal:		3,097,290		115,582	-	-	115,582
373	2043 Replacements	Historical	2,908,413	3.845%	111,835	-	-	111,835
374	2043 Replacements	New	265,989	2.030%	5,399	-	-	5,399
375	2043 Float	Historical	-	-	(1,345)	-	-	(1,345)
376	FY 2043 Subtotal:		3,174,401		115,889	-	-	115,889
377	2044 Replacements	Historical	2,867,652	3.661%	104,984	-	-	104,984
378	2044 Replacements	New	265,989	2.030%	5,399	-	-	5,399
379	2044 Float	Historical	-	-	(2,267)	-	-	(2,267)
380	FY 2044 Subtotal:		3,133,640		108,115	-	-	108,115
381	2045 Replacements	Historical	2,570,837	3.842%	98,780	-	-	98,780
382	2045 Replacements	New	265,989	2.030%	5,399	-	-	5,399
383	2045 Float	Historical	-	-	(1,250)	-	-	(1,250)
384	FY 2045 Subtotal:		2,836,826		102,928	-	-	102,928
385	2046 Replacements	Historical	2,561,981	3.831%	98,157	-	-	98,157
386	2046 Replacements	New	265,989	2.030%	5,399	-	-	5,399
387	2046 Float	Historical	-	-	(1,251)	-	-	(1,251)
388	FY 2046 Subtotal:		2,827,969		102,305	-	-	102,305
389	2047 Replacements	Historical	2,540,180	3.829%	97,254	-	-	97,254
390	2047 Replacements	New	265,989	2.030%	5,399	-	-	5,399
391	2047 Float	Historical	-	-	(1,253)	-	-	(1,253)
392	FY 2047 Subtotal:		2,806,169		101,400	-	-	101,400
393	2048 Replacements	Historical	2,517,477	3.826%	96,313	-	-	96,313
394	2048 Replacements	New	265,989	2.030%	5,399	-	-	5,399
395	2048 Float	Historical	-	-	(1,254)	-	-	(1,254)
396	FY 2048 Subtotal:		2,783,465		100,458	-	-	100,458

TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
397	2049	Replacements	Historical	2,493,829	3.823%	95,333	-	-	95,333
398	2049	Replacements	New	265,989	2.030%	5,399	-	-	5,399
399	2049	Float	Historical	-	-	(1,256)	-	-	(1,256)
400	FY 2049	Subtotal:		2,759,817		99,476	-	-	99,476
401	2050	Replacements	Historical	2,469,200	3.820%	94,313	-	-	94,313
402	2050	Replacements	New	265,989	2.030%	5,399	-	-	5,399
403	2050	Float	Historical	-	-	(1,258)	-	-	(1,258)
404	FY 2050	Subtotal:		2,735,188		98,454	-	-	98,454
405	2051	Replacements	Historical	2,443,548	3.816%	93,250	-	-	93,250
406	2051	Replacements	New	265,989	2.030%	5,399	-	-	5,399
407	2051	Float	Historical	-	-	(1,260)	-	-	(1,260)
408	FY 2051	Subtotal:		2,709,537		97,389	-	-	97,389
409	2052	Replacements	Historical	2,416,831	3.813%	92,143	-	-	92,143
410	2052	Replacements	New	265,989	2.030%	5,399	-	-	5,399
411	2052	Float	Historical	-	-	(1,262)	-	-	(1,262)
412	FY 2052	Subtotal:		2,682,819		96,280	-	-	96,280
413	2053	Replacements	Historical	2,389,005	3.809%	90,990	-	-	90,990
414	2053	Replacements	New	265,989	2.030%	5,399	-	-	5,399
415	2053	Float	Historical	-	-	(1,264)	-	-	(1,264)
416	FY 2053	Subtotal:		2,654,993		95,125	-	-	95,125
417	2054	Replacements	Historical	2,360,024	3.805%	89,789	-	-	89,789
418	2054	Replacements	New	265,989	2.030%	5,399	-	-	5,399
419	2054	Float	Historical	-	-	(1,266)	-	-	(1,266)
420	FY 2054	Subtotal:		2,626,012		93,922	-	-	93,922
421	2055	Replacements	Historical	2,329,841	3.800%	88,539	-	-	88,539
422	2055	Replacements	New	265,989	2.030%	5,399	-	-	5,399
423	2055	Float	Historical	-	-	(1,268)	-	-	(1,268)
424	FY 2055	Subtotal:		2,595,829		92,669	-	-	92,669
425	2056	Replacements	Historical	2,298,405	3.795%	87,236	-	-	87,236
426	2056	Replacements	New	265,989	2.030%	5,399	-	-	5,399
427	2056	Float	Historical	-	-	(1,271)	-	-	(1,271)
428	FY 2056	Subtotal:		2,564,393		91,364	-	-	91,364
429	2057	Replacements	Historical	2,265,661	3.790%	85,879	-	-	85,879
430	2057	Replacements	New	265,989	2.030%	5,399	-	-	5,399
431	2057	Float	Historical	-	-	(1,273)	-	-	(1,273)
432	FY 2057	Subtotal:		2,531,650		90,005	-	-	90,005
433	2058	Replacements	Historical	2,231,559	3.785%	84,466	-	-	84,466
434	2058	Replacements	New	265,989	2.030%	5,399	-	-	5,399
435	2058	Float	Historical	-	-	(1,276)	-	-	(1,276)
436	FY 2058	Subtotal:		2,497,547		88,589	-	-	88,589
437	2059	Replacements	Historical	2,196,042	3.779%	82,995	-	-	82,995
438	2059	Replacements	New	265,989	2.030%	5,399	-	-	5,399
439	2059	Float	Historical	-	-	(1,278)	-	-	(1,278)
440	FY 2059	Subtotal:		2,462,030		87,115	-	-	87,115
441	2060	Replacements	Historical	2,159,054	3.773%	81,462	-	-	81,462
442	2060	Replacements	New	265,989	2.030%	5,399	-	-	5,399
443	2060	Float	Historical	-	-	(1,281)	-	-	(1,281)
444	FY 2060	Subtotal:		2,425,042		85,579	-	-	85,579
445	2061	Replacements	Historical	2,120,530	3.766%	79,866	-	-	79,866
446	2061	Replacements	New	265,989	2.030%	5,399	-	-	5,399
447	2061	Float	Historical	-	-	(1,284)	-	-	(1,284)
448	FY 2061	Subtotal:		2,386,518		83,980	-	-	83,980
449	2062	Replacements	Historical	2,080,406	3.759%	78,203	-	-	78,203
450	2062	Replacements	New	265,989	2.030%	5,399	-	-	5,399
451	2062	Float	Historical	-	-	(1,287)	-	-	(1,287)
452	FY 2062	Subtotal:		2,346,395		82,315	-	-	82,315
453	2063	Replacements	Historical	2,038,615	3.751%	76,471	-	-	76,471
454	2063	Replacements	New	265,989	2.030%	5,399	-	-	5,399
455	2063	Float	Historical	-	-	(1,290)	-	-	(1,290)
456	FY 2063	Subtotal:		2,304,604		80,580	-	-	80,580
457	2064	Replacements	Historical	1,995,089	3.743%	74,668	-	-	74,668
458	2064	Replacements	New	265,989	2.030%	5,399	-	-	5,399
459	2064	Float	Historical	-	-	(1,294)	-	-	(1,294)
460	FY 2064	Subtotal:		2,261,078		78,773	-	-	78,773
461	2065	Replacements	Historical	1,949,758	3.733%	72,790	-	-	72,790
462	2065	Replacements	New	265,989	2.030%	5,399	-	-	5,399

TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
463		2065 Float	Historical	-	-	(1,297)	-	-	(1,297)
464	FY 2065	Subtotal:		2,215,747		76,891	-	-	76,891
465		2066 Replacements	Historical	1,902,543	3.723%	70,833	-	-	70,833
466		2066 Replacements	New	265,989	2.030%	5,399	-	-	5,399
467		2066 Float	Historical	-	-	(1,300)	-	-	(1,300)
468	FY 2066	Subtotal:		2,168,532		74,931	-	-	74,931
469		2067 Replacements	Historical	1,853,369	3.712%	68,796	-	-	68,796
470		2067 Replacements	New	265,989	2.030%	5,399	-	-	5,399
471		2067 Float	Historical	-	-	(1,304)	-	-	(1,304)
472	FY 2067	Subtotal:		2,119,357		72,890	-	-	72,890
473		2068 Replacements	Historical	1,802,155	3.700%	66,674	-	-	66,674
474		2068 Replacements	New	265,989	2.030%	5,399	-	-	5,399
475		2068 Float	Historical	-	-	(1,308)	-	-	(1,308)
476	FY 2068	Subtotal:		2,068,143		70,764	-	-	70,764
477		2069 Replacements	Historical	1,748,812	3.686%	64,463	-	-	64,463
478		2069 Replacements	New	265,989	2.030%	5,399	-	-	5,399
479		2069 Float	Historical	-	-	(1,312)	-	-	(1,312)
480	FY 2069	Subtotal:		2,014,801		68,550	-	-	68,550
481		2070 Replacements	Historical	1,693,256	3.671%	62,161	-	-	62,161
482		2070 Replacements	New	265,989	2.030%	5,399	-	-	5,399
483		2070 Float	Historical	-	-	(1,316)	-	-	(1,316)
484	FY 2070	Subtotal:		1,959,244		66,244	-	-	66,244
485		2071 Replacements	Historical	1,635,393	3.654%	59,764	-	-	59,764
486		2071 Replacements	New	265,989	2.030%	5,399	-	-	5,399
487		2071 Float	Historical	-	-	(1,321)	-	-	(1,321)
488	FY 2071	Subtotal:		1,901,381		63,842	-	-	63,842
489		2072 Replacements	Historical	1,575,129	3.636%	57,267	-	-	57,267

**TABLE 14B
INTEREST CALCULATION
FY 2028
(\$000s)**

	A	B	D	E	F	G	H	I	J
	Fiscal Year	Project	Type	Current Principal	Rate	Interest	Premium	Net Interest Accrual	Total
490		2072 Replacements	New	265,989	2.030%	5,399	-	-	5,399
491		2072 Float	Historical	-	-	(1,325)	-	-	(1,325)
492	FY 2072	Subtotal:		1,841,117		61,340	-	-	61,340
493		2073 Replacements	Historical	1,512,365	3.615%	54,666	-	-	54,666
494		2073 Replacements	New	265,989	2.030%	5,399	-	-	5,399
495		2073 Float	Historical	-	-	(1,330)	-	-	(1,330)
496	FY 2073	Subtotal:		1,778,354		58,735	-	-	58,735
497		2074 Replacements	Historical	1,446,995	3.591%	51,957	-	-	51,957
498		2074 Replacements	New	265,989	2.030%	5,399	-	-	5,399
499		2074 Float	Historical	-	-	(1,335)	-	-	(1,335)
500	FY 2074	Subtotal:		1,712,984		56,021	-	-	56,021
501		2075 Replacements	Historical	1,378,912	3.563%	49,136	-	-	49,136
502		2075 Replacements	New	265,989	2.030%	5,399	-	-	5,399
503		2075 Float	Historical	-	-	(1,340)	-	-	(1,340)
504	FY 2075	Subtotal:		1,644,900		53,195	-	-	53,195
505		2076 Replacements	Historical	1,308,003	3.532%	46,198	-	-	46,198
506		2076 Replacements	New	265,989	2.030%	5,399	-	-	5,399
507		2076 Float	Historical	-	-	(1,345)	-	-	(1,345)
508	FY 2076	Subtotal:		1,573,992		50,252	-	-	50,252
509		2077 Replacements	Historical	1,234,149	3.495%	43,138	-	-	43,138
510		2077 Replacements	New	265,989	2.030%	5,399	-	-	5,399
511		2077 Float	Historical	-	-	(1,351)	-	-	(1,351)
512	FY 2077	Subtotal:		1,500,138		47,186	-	-	47,186
513		2078 Replacements	Historical	1,157,228	3.452%	39,951	-	-	39,951
514		2078 Replacements	New	265,989	2.030%	5,399	-	-	5,399
515		2078 Float	Historical	-	-	(1,356)	-	-	(1,356)
516	FY 2078	Subtotal:		1,423,217		43,993	-	-	43,993
517	Grand			131,611,166		4,414,528	-	(7,674)	4,406,854

TABLE 14C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
1	2024	Conservation	-	4/30/2024	9/30/2024	5,000	5,000	5.454%					5,000		
2	2024	Construction (AS)	-	12/31/2023	9/30/2024	4,200	4,200	5.399%					4,200		
3	2024	Conservation	-	12/31/2023	9/30/2024	7,000	7,000	5.399%					7,000		
4	2024	Conservation	-	12/31/2023	9/30/2024	55,000	55,000	5.399%					55,000		
5	2024	Fish and Wildlife	-	6/30/2024	9/30/2024	20,000	20,000	5.454%					20,000		
6	2024	Bureau Direct	-	2/27/2012	9/30/2024	55,000	16,500	5.060%					16,500		
7	2024	Conservation	-	4/30/2014	9/30/2024	30,000	30,000	5.419%					30,000		
8	2024	Bureau Direct	-	8/31/2022	9/30/2024	18,000	3,000	5.060%					3,000		
9	2024	Fish and Wildlife	-	8/31/2022	9/30/2024	29,000	29,000	5.060%					29,000		
10	2024	Corps	-	8/31/2022	9/30/2024	18,300	18,300	5.060%					18,300		
11	2024	Bureau Direct	-	6/22/2011	6/30/2036	30,000	30,000	4.629%					30,000		
12	2024	Bureau Direct	-	6/22/2011	6/30/2038	30,000	30,000	4.700%					30,000		
13	2024	Bureau Direct	-	1/31/2011	1/31/2039	35,000	35,000	5.040%					35,000		
14	2024	Bureau Direct	-	6/30/2009	6/30/2039	25,000	25,000	5.192%					25,000		
15	2024	Bureau Direct	-	2/28/2011	2/28/2040	50,000	50,000	4.995%					50,000		
16	2024	Corps	-	8/31/2022	8/31/2047	13,700	13,700	5.060%					13,700		
17	2024	Corps	-	8/31/2022	8/31/2049	33,000	33,000	5.060%					33,000		
18	2024	Corps	-	3/31/2023	3/31/2053	13,000	13,000	4.548%					2,300		
19	FY 2024 Subtotal:		-	-	-	471,200	417,700	-					407,000		
20	2025	Fish and Wildlife	-	2/28/2011	2/28/2026	15,000	15,000	4.398%					15,000		
21	2025	Fish and Wildlife	-	6/22/2011	6/30/2026	15,000	15,000	4.205%					15,000		
22	2025	Technology (G)	-	5/31/2023	5/31/2028	5,000	5,000	3.941%					5,000		
23	2025	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	22,000	3.880%					922		
24	2025	Fish and Wildlife	-	1/31/2014	1/31/2029	7,000	7,000	3.896%					7,000		
25	2025	Bureau Direct	-	10/31/2010	10/31/2034	20,000	20,000	4.211%					20,000		
26	2025	Corps	-	5/31/2023	11/30/2034	13,000	13,000	4.027%					13,000		
27	2025	Corps	-	5/31/2023	5/31/2035	22,000	22,000	4.043%					22,000		
28	2025	Bureau Direct	-	5/31/2023	11/30/2035	7,000	7,000	4.059%					7,000		
29	2025	Bureau Direct	-	8/31/2023	8/31/2037	8,000	8,000	4.499%					8,000		
30	2025	Bureau Direct	-	8/12/2011	8/31/2037	30,000	30,000	4.208%					30,000		
31	2025	Fish and Wildlife	-	3/31/2023	9/30/2037	13,000	13,000	4.115%					13,000		
32	2025	Corps	-	8/31/2023	2/28/2038	30,000	30,000	4.505%					30,000		
33	2025	Fish and Wildlife	-	8/31/2023	2/28/2038	4,000	4,000	4.505%					4,000		
34	2025	Corps	-	8/31/2023	8/31/2038	27,000	27,000	4.519%					27,000		
35	2025	Bureau Direct	-	3/31/2023	9/30/2052	12,000	12,000	4.538%					12,000		
36	2025	Corps	-	3/31/2023	3/31/2053	13,000	10,700	4.548%					10,700		
37	2025	Bonneville Dam	Corps of Engineers	9/30/2009	9/30/2059	2,744	2,744	4.375%					2,744		
38	2025	Chief Joseph	Corps of Engineers	9/30/2009	9/30/2059	24,727	24,727	4.375%					24,727		
39	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2009	9/30/2059	103,203	103,203	4.375%					103,203		
40	2025	Cougar	Corps of Engineers	9/30/2009	9/30/2059	121	121	4.375%					121		
41	2025	Lower Granite	Corps of Engineers	9/30/2009	9/30/2059	5,669	446	4.375%					446		
42	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2009	9/30/2059	1,540	1,540	4.375%					1,540		
43	2025	Little Goose	Corps of Engineers	9/30/2010	9/30/2060	30	30	4.250%					30		
44	2025	Lower Granite	Corps of Engineers	9/30/2010	9/30/2060	1,156	1,156	4.250%					1,156		
45	2025	Albeni Falls	Corps of Engineers	9/30/2010	9/30/2060	42	42	4.250%					42		
46	2025	Bonneville Dam	Corps of Engineers	9/30/2010	9/30/2060	1,425	1,425	4.250%					1,425		
47	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2010	9/30/2060	56,832	56,832	4.250%					56,832		
48	2025	Cougar	Corps of Engineers	9/30/2010	9/30/2060	59	59	4.250%					59		
49	2025	Ice Harbor	Corps of Engineers	9/30/2010	9/30/2060	207	207	4.250%					207		
50	2025	John Day	Corps of Engineers	9/30/2010	9/30/2060	356	356	4.250%					356		
51	2025	Libby	Corps of Engineers	9/30/2010	9/30/2060	40	40	4.250%					40		
52	2025	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2010	9/30/2060	6	6	4.250%					6		
53	2025	Columbia River Fish Mitigation	Corps of Engineers	9/30/2024	9/30/2074	-	13,444	4.375%					13,444		
54	FY 2025 Subtotal:		-	-	-	461,156	467,078	-					446,000		
55	2026	Bureau Direct	-	3/31/2026	9/30/2026	-	37,500	3.346%					37,500		
56	2026	Construction (AS)	-	3/31/2026	9/30/2026	-	10,400	3.346%					10,400		
57	2026	Corps	-	3/31/2026	9/30/2026	-	82,967	3.346%					82,967		
58	2026	Fish and Wildlife	-	3/31/2026	9/30/2026	-	37,900	3.346%					37,900		
59	2026	Corps	-	4/30/2026	9/30/2026	-	82,967	3.346%					82,967		
60	2026	Corps	-	5/31/2026	9/30/2026	-	82,967	3.346%					82,967		
61	2026	Fish and Wildlife	-	10/31/2013	12/31/2026	28,000	28,000	3.717%					28,000		
62	2026	Conservation	-	3/31/2020	3/31/2027	6,000	6,000	0.964%					6,000		
63	2026	Fish and Wildlife	-	10/31/2013	5/31/2027	11,000	11,000	3.762%					11,000		
64	2026	Corps	-	4/30/2020	4/30/2028	27,000	27,000	0.945%					20,000		
65	2026	Technology (G)	-	7/15/2024	9/30/2028	5,000	5,000	4.190%					5,000		
66	2026	Technology (G)	-	7/31/2024	9/30/2028	5,000	5,000	4.132%					5,000		

TABLE 14C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
67	2026	Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	21,078	3.880%	3.880%					14,649		
68	2026	Corps	-	7/15/2024	9/30/2029	8,000	8,000	4.182%	4.182%					8,000		
69	2026	Corps	-	7/31/2024	9/30/2029	7,000	7,000	4.123%	4.123%					7,000		
70	2026	Bureau Direct	-	7/15/2024	9/30/2030	7,000	7,000	4.212%	4.212%					7,000		
71	2026	Bureau Direct	-	7/31/2024	9/30/2030	8,000	8,000	4.152%	4.152%					8,000		
72	2026	Fish and Wildlife	-	7/15/2024	9/30/2030	6,000	6,000	4.212%	4.212%					6,000		
73	2026	Fish and Wildlife	-	7/31/2024	9/30/2030	4,000	4,000	4.152%	4.152%					4,000		
74	2026	Fish and Wildlife	-	9/30/2024	9/30/2039	-	10,000	4.140%	4.139%					10,000		
75	2026	Bureau Direct	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
76	2026	Corps	-	9/30/2024	9/30/2054	-	15,000	4.567%	4.567%					15,000		
77	2026	Columbia River Fish Mitigation	Corps of Engineers	9/30/2025	9/30/2075	-	12,651	4.125%	4.125%					12,651		
78		FY 2026 Subtotal:	-	-	-	144,000	530,429	-	-					517,000		
79	2027	Corps	-	3/31/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
80	2027	Corps	-	4/30/2027	9/30/2027	-	78,500	2.939%	2.939%					78,500		
81	2027	Corps	-	5/31/2027	9/30/2027	-	54,500	2.939%	2.939%					54,500		
82	2027	Bureau Direct	-	3/31/2025	3/31/2055	-	34,700	4.696%	4.696%					34,700		
83	2027	Corps	-	3/31/2025	3/31/2055	-	64,800	4.696%	4.696%					64,800		
84	2027	Corps	-	4/30/2025	4/30/2055	-	64,800	4.696%	4.696%					64,800		
85	2027	Corps	-	5/31/2025	5/31/2055	-	64,800	4.696%	4.696%					52,200		
86		FY 2027 Subtotal:	-	-	-	-	440,600	-	-					428,000		
87	2028	Fish and Wildlife	-	3/31/2015	3/31/2028	3,000	3,000	2.511%	2.511%					3,000		
88	2028	Corps	-	4/30/2020	4/30/2028	27,000	7,000	0.945%	0.945%					7,000		
89	2028	Construction (AS)	-	3/31/2023	9/30/2028	2,000	2,000	3.855%	3.855%					2,000		
90	2028	Construction (AS)	-	9/30/2024	9/30/2029	-	10,000	3.789%	3.789%					10,000		
91	2028	Construction (AS)	-	3/31/2025	3/31/2030	-	6,800	3.649%	3.649%					6,800		
92	2028	Technology (G)	-	3/31/2025	3/31/2030	-	900	3.649%	3.649%					900		
93	2028	Fish and Wildlife	-	3/31/2025	3/31/2040	-	56,300	4.212%	4.212%					56,300		
94	2028	Corps	-	2/28/2023	2/28/2050	21,000	21,000	3.595%	3.595%					21,000		
95	2028	Corps	-	2/28/2023	2/28/2050	19,000	19,000	3.595%	3.595%					19,000		
96	2028	Corps	-	5/31/2025	5/31/2055	-	12,600	4.696%	4.696%					12,600		
97	2028	Bonneville Dam	Corps of Engineers	9/30/2011	9/30/2061	10,962	10,962	3.750%	3.750%					10,962		
98	2028	Chief Joseph	Corps of Engineers	9/30/2011	9/30/2061	4	4	3.750%	3.750%					4		
99	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2011	9/30/2061	106,014	106,014	3.750%	3.750%					106,014		
100	2028	Cougar	Corps of Engineers	9/30/2011	9/30/2061	282	282	3.750%	3.750%					282		
101	2028	Green Peter/Foster	Corps of Engineers	9/30/2011	9/30/2061	87	87	3.750%	3.750%					87		
102	2028	Hills Creek	Corps of Engineers	9/30/2011	9/30/2061	12	12	3.750%	3.750%					12		
103	2028	Ice Harbor	Corps of Engineers	9/30/2011	9/30/2061	819	819	3.750%	3.750%					819		
104	2028	John Day	Corps of Engineers	9/30/2011	9/30/2061	175	175	3.750%	3.750%					175		
105	2028	Libby	Corps of Engineers	9/30/2011	9/30/2061	152	152	3.750%	3.750%					152		
106	2028	Lookout Dam	Corps of Engineers	9/30/2011	9/30/2061	17	17	3.750%	3.750%					17		
107	2028	Lost Creek	Corps of Engineers	9/30/2011	9/30/2061	7	7	3.750%	3.750%					7		
108	2028	Lower Granite	Corps of Engineers	9/30/2011	9/30/2061	8	8	3.750%	3.750%					8		
109	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2011	9/30/2061	122	122	3.750%	3.750%					122		
110	2028	McNary	Corps of Engineers	9/30/2011	9/30/2061	565	565	3.750%	3.750%					565		
111	2028	Cougar	Corps of Engineers	9/30/2012	9/30/2062	139	139	3.375%	3.375%					139		
112	2028	Green Peter/Foster	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
113	2028	Chief Joseph	Corps of Engineers	9/30/2012	9/30/2062	28	28	3.375%	3.375%					28		
114	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	101,616	3.375%	3.375%					81,830		
115	2028	Hills Creek	Corps of Engineers	9/30/2012	9/30/2062	142	142	3.375%	3.375%					142		
116	2028	Ice Harbor	Corps of Engineers	9/30/2012	9/30/2062	115	115	3.375%	3.375%					115		
117	2028	John Day	Corps of Engineers	9/30/2012	9/30/2062	6,161	6,050	3.375%	3.375%					6,050		
118	2028	Libby	Corps of Engineers	9/30/2012	9/30/2062	16	16	3.375%	3.375%					16		
119	2028	Lookout Dam	Corps of Engineers	9/30/2012	9/30/2062	294	294	3.375%	3.375%					294		
120	2028	Lower Monument	Corps of Engineers	9/30/2012	9/30/2062	89	89	3.375%	3.375%					89		
121	2028	McNary	Corps of Engineers	9/30/2012	9/30/2062	12	11	3.375%	3.375%					11		
122	2028	Cougar	Corps of Engineers	9/30/2014	9/30/2064	12	12	3.875%	3.875%					12		
123	2028	Bonneville Dam	Corps of Engineers	9/30/2014	9/30/2064	0		3.875%	3.875%							
124	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2014	9/30/2064	110,071	109,737	3.875%	3.875%					109,737		
125	2028	Detroit Lake/Big Cliff	Corps of Engineers	9/30/2014	9/30/2064	18	18	3.875%	3.875%					18		
126	2028	Green Peter/Foster	Corps of Engineers	9/30/2014	9/30/2064	385	385	3.875%	3.875%					385		
127	2028	Lower Granite	Corps of Engineers	9/30/2014	9/30/2064	2,644	2,644	3.875%	3.875%					2,644		
128	2028	Lower Monument	Corps of Engineers	9/30/2014	9/30/2064	1,430	1,430	3.875%	3.875%					1,430		
129	2028	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2014	9/30/2064	222	222	3.875%	3.875%					222		
130	2028	McNary	Corps of Engineers	9/30/2014	9/30/2064	759	759	3.875%	3.875%					759		
131	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2026	9/30/2076	-	51,524	3.736%	3.736%					51,524		
132	2028	Columbia River Fish Mitigation	Corps of Engineers	9/30/2027	9/30/2077	-	4,704	3.601%	3.601%					4,704		

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FY 2028
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
133	FY 2028 Subtotal:	-	-	-	415,404	537,786	-	-	-	-	-	-	518,000	-	-
134	2029 Fish and Wildlife	-	10/31/2013	10/31/2028	22,000	6,429	3.880%	3.880%	-	-	-	-	6,429	-	-
135	2029 Technology (G)	-	3/31/2026	3/31/2031	-	1,400	3.198%	3.198%	-	-	-	-	1,400	-	-
136	2029 Construction (AS)	-	3/31/2027	3/31/2032	-	9,800	3.087%	3.087%	-	-	-	-	9,800	-	-
137	2029 Technology (G)	-	3/31/2027	3/31/2032	-	1,400	3.087%	3.087%	-	-	-	-	1,400	-	-
138	2029 Fish and Wildlife	-	3/31/2027	3/31/2042	-	67,000	3.661%	3.661%	-	-	-	-	67,000	-	-
139	2029 Corps	-	2/28/2022	2/29/2052	34,000	34,000	2.829%	2.829%	-	-	-	-	4,369	-	-
140	2029 Bureau Direct	-	2/28/2022	2/29/2052	9,000	9,000	2.829%	2.829%	-	-	-	-	9,000	-	-
141	2029 Bureau Direct	-	3/31/2027	3/31/2057	-	50,800	4.181%	4.181%	-	-	-	-	50,800	-	-
142	2029 Corps	-	5/31/2027	5/31/2057	-	24,000	4.181%	4.181%	-	-	-	-	24,000	-	-
143	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2012	9/30/2062	101,616	19,786	3.375%	3.375%	-	-	-	-	19,786	-	-
144	2029 Bonneville Dam	Corps of Engineers	9/30/2013	9/30/2063	268	268	2.875%	2.875%	-	-	-	-	268	-	-
145	2029 Chief Joseph	Corps of Engineers	9/30/2013	9/30/2063	10	10	2.875%	2.875%	-	-	-	-	10	-	-
146	2029 Columbia Basin	Bureau of Reclamation	9/30/2013	9/30/2063	3,078	3,078	2.875%	2.875%	-	-	-	-	3,078	-	-
147	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2013	9/30/2063	95,274	84,600	2.875%	2.875%	-	-	-	-	84,600	-	-
148	2029 Cougar	Corps of Engineers	9/30/2013	9/30/2063	4,088	4,088	2.875%	2.875%	-	-	-	-	4,088	-	-
149	2029 Detroit Lake/Big Cliff	Corps of Engineers	9/30/2013	9/30/2063	528	528	2.875%	2.875%	-	-	-	-	528	-	-
150	2029 Little Goose	Corps of Engineers	9/30/2013	9/30/2063	66	66	2.875%	2.875%	-	-	-	-	66	-	-
151	2029 McNary	Corps of Engineers	9/30/2013	9/30/2063	1,000	1,000	2.875%	2.875%	-	-	-	-	1,000	-	-
152	2029 Bonneville Dam	Corps of Engineers	9/30/2015	9/30/2065	102	102	3.250%	3.250%	-	-	-	-	102	-	-
153	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2015	9/30/2065	64,291	64,291	3.250%	3.250%	-	-	-	-	64,291	-	-
154	2029 Green Peter/Foster	Corps of Engineers	9/30/2015	9/30/2065	68	68	3.250%	3.250%	-	-	-	-	68	-	-
155	2029 Ice Harbor	Corps of Engineers	9/30/2015	9/30/2065	3,175	3,175	3.250%	3.250%	-	-	-	-	3,175	-	-
156	2029 Lower Granite	Corps of Engineers	9/30/2015	9/30/2065	1,597	1,597	3.250%	3.250%	-	-	-	-	1,597	-	-
157	2029 Minidoka/Palisades	Bureau of Reclamation	9/30/2015	9/30/2065	19,237	15,518	3.250%	3.250%	-	-	-	-	15,518	-	-
158	2029 The Dalles	Corps of Engineers	9/30/2015	9/30/2065	302	302	3.250%	3.250%	-	-	-	-	302	-	-
159	2029 Boise	Bureau of Reclamation	9/30/2016	9/30/2066	118	-	3.000%	3.000%	-	-	-	-	-	-	-
160	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2016	9/30/2066	30,066	29,635	3.000%	3.000%	-	-	-	-	29,635	-	-
161	2029 Cougar	Corps of Engineers	9/30/2016	9/30/2066	2	2	3.000%	3.000%	-	-	-	-	2	-	-
162	2029 Detroit Lake/Big Cliff	Corps of Engineers	9/30/2016	9/30/2066	31	31	3.000%	3.000%	-	-	-	-	31	-	-
163	2029 Green Peter/Foster	Corps of Engineers	9/30/2016	9/30/2066	70	70	3.000%	3.000%	-	-	-	-	70	-	-
164	2029 Ice Harbor	Corps of Engineers	9/30/2016	9/30/2066	558	558	3.000%	3.000%	-	-	-	-	558	-	-
165	2029 Lower Granite	Corps of Engineers	9/30/2016	9/30/2066	1,878	1,878	3.000%	3.000%	-	-	-	-	1,878	-	-
166	2029 Lower Monument	Corps of Engineers	9/30/2016	9/30/2066	155	155	3.000%	3.000%	-	-	-	-	155	-	-
167	2029 Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2016	9/30/2066	1,256	1,256	3.000%	3.000%	-	-	-	-	1,256	-	-
168	2029 The Dalles	Corps of Engineers	9/30/2016	9/30/2066	4	4	3.000%	3.000%	-	-	-	-	4	-	-
169	2029 Bonneville Dam	Corps of Engineers	9/30/2019	9/30/2069	703	736	3.125%	3.125%	-	-	-	-	736	-	-
170	2029 Columbia Basin	Bureau of Reclamation	9/30/2019	9/30/2069	4,130	4,221	3.125%	3.125%	-	-	-	-	4,221	-	-
171	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2019	9/30/2069	49,505	47,997	3.125%	3.125%	-	-	-	-	47,997	-	-
172	2029 Detroit Lake/Big Cliff	Corps of Engineers	9/30/2019	9/30/2069	2	2	3.125%	3.125%	-	-	-	-	2	-	-
173	2029 Green Peter/Foster	Corps of Engineers	9/30/2019	9/30/2069	10	10	3.125%	3.125%	-	-	-	-	10	-	-
174	2029 Ice Harbor	Corps of Engineers	9/30/2019	9/30/2069	630	630	3.125%	3.125%	-	-	-	-	630	-	-
175	2029 McNary	Corps of Engineers	9/30/2019	9/30/2069	479	479	3.125%	3.125%	-	-	-	-	479	-	-
176	2029 RRP - Green Springs	Bureau of Reclamation	9/30/2019	9/30/2069	1,099	1,099	3.125%	3.125%	-	-	-	-	1,099	-	-
177	2029 The Dalles	Corps of Engineers	9/30/2019	9/30/2069	129	158	3.125%	3.125%	-	-	-	-	158	-	-
178	2029 Columbia Basin	Bureau of Reclamation	9/30/2023	9/30/2073	32	32	3.375%	3.375%	-	-	-	-	32	-	-
179	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2023	9/30/2073	4,472	4,472	3.375%	3.375%	-	-	-	-	4,472	-	-
180	2029 Hungry Horse Dam	Bureau of Reclamation	9/30/2023	9/30/2073	4	4	3.375%	3.375%	-	-	-	-	4	-	-
181	2029 RRP - Green Springs	Bureau of Reclamation	9/30/2023	9/30/2073	9	9	3.375%	3.375%	-	-	-	-	9	-	-
182	2029 Columbia River Fish Mitigation	Corps of Engineers	9/30/2028	9/30/2078	-	4,679	3.586%	3.586%	-	-	-	-	4,679	-	-
183	FY 2029 Subtotal:	-	-	-	455,041	500,422	-	-	-	-	-	-	470,791	-	-
184	2030 Fish and Wildlife	-	3/31/2020	3/31/2030	8,000	8,000	1.274%	1.274%	-	-	-	-	8,000	-	-
185	2030 Corps	-	5/31/2016	5/31/2030	15,000	15,000	2.599%	2.599%	-	-	-	-	15,000	-	-
186	2030 Bureau Direct	-	7/31/2016	7/31/2030	12,000	12,000	2.145%	2.145%	-	-	-	-	12,000	-	-
187	2030 Corps	-	7/31/2016	7/31/2030	25,000	25,000	2.145%	2.145%	-	-	-	-	25,000	-	-
188	2030 Bureau Direct	-	3/31/2028	3/31/2058	-	61,600	4.143%	4.143%	-	-	-	-	61,600	-	-
189	2030 Corps	-	3/31/2028	3/31/2058	-	74,933	4.143%	4.143%	-	-	-	-	74,933	-	-
190	2030 Corps	-	4/30/2028	4/30/2058	-	74,933	4.143%	4.143%	-	-	-	-	74,933	-	-
191	2030 Corps	-	5/31/2028	5/31/2058	-	74,933	4.143%	4.143%	-	-	-	-	60,551	-	-
192	FY 2030 Subtotal:	-	-	-	60,000	346,400	-	-	-	-	-	-	332,017	-	-
193	2031 Corps	-	4/30/2016	4/30/2031	53,000	19,393	2.661%	2.661%	-	-	-	-	19,393	-	-
194	2031 Bureau Direct	-	4/30/2016	4/30/2031	17,000	17,000	2.661%	2.661%	-	-	-	-	17,000	-	-
195	2031 Fish and Wildlife	-	3/31/2028	3/31/2043	-	64,100	3.639%	3.639%	-	-	-	-	64,100	-	-
196	2031 Fish and Wildlife	-	9/30/2028	9/30/2043	-	12,358	3.639%	3.639%	-	-	-	-	86	-	-
197	2031 Corps	-	5/31/2028	5/31/2058	-	14,383	4.143%	4.143%	-	-	-	-	14,383	-	-
198	2031 Bureau Direct	-	9/30/2028	9/30/2058	-	20,778	4.143%	4.143%	-	-	-	-	20,778	-	-

TABLE 14C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
199	2031	Corps	-	9/30/2028	9/30/2058	-	99,765	4.143%	4.143%					99,765		
200		FY 2031 Subtotal:	-	-	-	70,000	247,777	-						235,505		
201	2032	Bureau Direct	-	5/31/2020	5/31/2032	16,000	16,000	1.188%	1.188%					16,000		
202	2032	Bureau Direct	-	5/31/2020	5/31/2032	10,000	10,000	1.188%	1.188%					10,000		
203	2032	Construction (AS)	-	3/31/2028	3/31/2033	-	10,600	3.081%	3.081%					10,600		
204	2032	Technology (G)	-	3/31/2028	3/31/2033	-	4,600	3.081%	3.081%					4,600		
205	2032	Construction (AS)	-	9/30/2028	9/30/2033	-	17,093	3.081%	3.081%					17,093		
206	2032	Corps	-	2/17/2022	2/28/2042	37,000	37,000	2.732%	2.732%					8,638		
207	2032	Fish and Wildlife	-	9/30/2028	9/30/2043	-	12,272	3.639%	3.639%					12,272		
208	2032	Corps	-	2/28/2022	2/28/2051	35,000	35,000	2.825%	2.825%					35,000		
209	2032	Corps	-	2/28/2022	2/29/2052	34,000	29,631	2.829%	2.829%					29,631		
210	2032	Columbia River Fish Mitigation	Corps of Engineers	9/30/2018	9/30/2068	48,446	48,446	2.750%	2.750%					48,446		
211	2032	Libby	Corps of Engineers	9/30/2018	9/30/2068	282	282	2.750%	2.750%					282		
212	2032	Little Goose	Corps of Engineers	9/30/2018	9/30/2068	2,707	2,707	2.750%	2.750%					2,707		
213	2032	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2018	9/30/2068	1,608	1,608	2.750%	2.750%					1,608		
214	2032	Minidoka/Palisades	Bureau of Reclamation	9/30/2018	9/30/2068	145	145	2.750%	2.750%					145		
215	2032	The Dalles	Corps of Engineers	9/30/2018	9/30/2068	15	15	2.750%	2.750%					15		
216		FY 2032 Subtotal:	-	-	-	185,204	225,399	-						197,037		
217	2033	Bureau Direct	-	6/30/2020	6/30/2033	11,000	11,000	1.238%	1.238%					11,000		
218	2033	Bureau Direct	-	6/30/2020	6/30/2033	12,000	12,000	1.238%	1.238%					12,000		
219	2033	Bureau Direct	-	7/31/2020	7/31/2033	15,000	15,000	1.157%	1.157%					15,000		
220	2033	Fish and Wildlife	-	2/17/2022	2/28/2037	38,000	38,000	2.515%	2.515%					38,000		
221	2033	Corps	-	2/17/2022	2/28/2042	37,000	28,362	2.732%	2.732%					28,362		
222	2033	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	55,950	2.375%	2.375%					48,418		
223	2033	Lower Monument	Corps of Engineers	9/30/2017	9/30/2067	942	942	2.375%	2.375%					942		
224	2033	McNary	Corps of Engineers	9/30/2017	9/30/2067	239	239	2.375%	2.375%					239		
225	2033	The Dalles	Corps of Engineers	9/30/2017	9/30/2067	10	10	2.375%	2.375%					10		
226		FY 2033 Subtotal:	-	-	-	171,910	161,504	-						153,971		
227	2034	Bureau Direct	-	3/31/2020	6/30/2046	26,000	26,000	2.083%	2.083%					26,000		
228	2034	Corps	-	3/31/2020	9/30/2047	24,000	24,000	2.103%	2.103%					24,000		
229	2034	Corps	-	5/31/2020	11/30/2048	25,000	25,000	1.957%	1.957%					5,947		
230	2034	Columbia Basin	Bureau of Reclamation	9/30/2017	9/30/2067	2,865	2,865	2.375%	2.375%					2,865		
231	2034	Cougar	Corps of Engineers	9/30/2017	9/30/2067	2	2	2.375%	2.375%					2		
232	2034	Columbia River Fish Mitigation	Corps of Engineers	9/30/2017	9/30/2067	57,719	7,532	2.375%	2.375%					7,532		
233	2034	Columbia Basin	Bureau of Reclamation	9/30/2020	9/30/2070	202	63	2.125%	2.125%					63		
234	2034	Columbia River Fish Mitigation	Corps of Engineers	9/30/2020	9/30/2070	82,394	82,089	2.125%	2.125%					82,089		
235	2034	Cougar	Corps of Engineers	9/30/2020	9/30/2070	267	267	2.125%	2.125%					267		
236	2034	Dworshak	Corps of Engineers	9/30/2020	9/30/2070	29	29	2.125%	2.125%					29		
237	2034	Green Peter/Foster	Corps of Engineers	9/30/2020	9/30/2070	1	1	2.125%	2.125%					1		
238	2034	Libby	Corps of Engineers	9/30/2020	9/30/2070	5	5	2.125%	2.125%					5		
239	2034	Little Goose	Corps of Engineers	9/30/2020	9/30/2070	5,504	5,504	2.125%	2.125%					5,504		
240	2034	Lower Granite	Corps of Engineers	9/30/2020	9/30/2070	18,822	18,822	2.125%	2.125%					18,822		
241	2034	Lower Snake Fish and Wildlife	Lower Snake Fish & Wildlife	9/30/2020	9/30/2070	295	295	2.125%	2.125%					295		
242		FY 2034 Subtotal:	-	-	-	243,105	192,475	-						173,422		
243	2035	Bureau Direct	-	5/31/2020	5/31/2043	24,000	24,000	1.869%	1.869%					24,000		
244	2035	Corps	-	5/31/2020	5/31/2048	21,000	21,000	1.953%	1.953%					21,000		
245	2035	Corps	-	5/31/2020	11/30/2048	25,000	19,053	1.957%	1.957%					19,053		
246	2035	Corps	-	6/30/2020	6/30/2049	24,000	24,000	1.812%	1.812%					24,000		
247	2035	Bureau Direct	-	6/30/2020	6/30/2049	16,000	16,000	1.812%	1.812%					14,578		
248	2035	Corps	-	4/30/2020	4/30/2050	50,000	50,000	1.827%	1.827%					50,000		
249	2035	Columbia Basin	Bureau of Reclamation	9/30/2022	9/30/2072	13,165	13,165	1.875%	1.875%					13,165		
250	2035	Columbia River Fish Mitigation	Corps of Engineers	9/30/2022	9/30/2072	1,574	1,574	1.875%	1.875%					1,574		
251	2035	RRP - Green Springs	Bureau of Reclamation	9/30/2022	9/30/2072	1	1	1.875%	1.875%					1		
252		FY 2035 Subtotal:	-	-	-	174,739	168,793	-						167,371		
253	2036	Corps	-	4/30/2020	4/30/2044	40,000	40,000	1.744%	1.744%					40,000		
254	2036	Bureau Direct	-	4/30/2020	4/30/2045	30,000	30,000	1.760%	1.760%					30,000		
255	2036	Corps	-	7/31/2020	7/31/2047	64,000	64,000	1.667%	1.667%					48,598		
256	2036	Bureau Direct	-	6/30/2020	6/30/2049	10,000	10,000	1.812%	1.812%					10,000		
257	2036	Bureau Direct	-	6/30/2020	6/30/2049	16,000	1,422	1.812%	1.812%					1,422		
258	2036	Bureau Direct	-	7/31/2020	7/31/2049	17,000	17,000	1.680%	1.680%					17,000		
259		FY 2036 Subtotal:	-	-	-	177,000	162,422	-						147,021		
260	2037	Bureau Direct	-	7/31/2020	1/31/2041	35,000	35,000	1.457%	1.457%					35,000		
261	2037	Corps	-	7/31/2020	1/31/2046	2,000	2,000	1.640%	1.640%					2,000		
262	2037	Bureau Direct	-	7/31/2020	1/31/2046	13,000	13,000	1.640%	1.640%					13,000		
263	2037	Corps	-	7/31/2020	7/31/2046	32,000	32,000	1.651%	1.651%					32,000		
264	2037	Corps	-	7/31/2020	7/31/2047	64,000	15,402	1.667%	1.667%					15,402		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
265	2037	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	80,420	1.375%	1.375%					62,573		
266	2037	Dworshak	Corps of Engineers	9/30/2021	9/30/2071	2	2	1.375%	1.375%					2		
267	2037	Little Goose	Corps of Engineers	9/30/2021	9/30/2071	7	7	1.375%	1.375%					7		
268	2037	Lower Granite	Corps of Engineers	9/30/2021	9/30/2071	423	423	1.375%	1.375%					423		
269		FY 2037 Subtotal:	-	-	-	226,852	178,254	-	-					160,407		
270	2038	Replacements	-	3/31/2029	3/31/2064	265,989	265,989	4.059%	4.059%					160,109		
271	2038	Columbia River Fish Mitigation	Corps of Engineers	9/30/2021	9/30/2071	80,420	17,847	1.375%	1.375%					17,847		
272		FY 2038 Subtotal:	-	-	-	346,409	283,836	-	-					177,956		
273	2039	Replacements	-	3/31/2029	3/31/2064	265,989	105,880	4.059%	4.059%					105,880		
274	2039	Replacements	-	3/31/2030	3/31/2065	265,989	265,989	4.059%	4.059%					61,736		
275		FY 2039 Subtotal:	-	-	-	531,977	371,868	-	-					167,615		
276	2040	Replacements	-	3/31/2030	3/31/2065	265,989	204,253	4.059%	4.059%					184,970		
277		FY 2040 Subtotal:	-	-	-	265,989	204,253	-	-					184,970		
278	2041	Replacements	-	3/31/2030	3/31/2065	265,989	19,283	4.059%	4.059%					19,283		
279	2041	Replacements	-	3/31/2031	3/31/2066	265,989	265,989	4.059%	4.059%					94,572		
280		FY 2041 Subtotal:	-	-	-	531,977	285,272	-	-					113,855		
281	2042	Replacements	-	3/31/2031	3/31/2066	265,989	171,417	4.059%	4.059%					171,417		
282	2042	Replacements	-	3/31/2032	3/31/2067	265,989	265,989	4.059%	4.059%					17,461		
283		FY 2042 Subtotal:	-	-	-	531,977	437,405	-	-					188,877		
284	2043	Replacements	-	3/31/2032	3/31/2067	265,989	248,528	4.059%	4.059%					248,528		
285	2043	Replacements	-	3/31/2033	3/31/2068	265,989	265,989	4.059%	4.059%					58,222		
286		FY 2043 Subtotal:	-	-	-	531,977	514,516	-	-					306,750		
287	2044	Replacements	-	3/31/2033	3/31/2068	265,989	207,766	4.059%	4.059%					207,766		
288	2044	Replacements	-	3/31/2034	3/31/2069	265,989	265,989	4.059%	4.059%					265,989		
289	2044	Replacements	-	3/31/2035	3/31/2070	265,989	265,989	4.059%	4.059%					89,048		
290		FY 2044 Subtotal:	-	-	-	797,966	739,743	-	-					562,803		
291	2045	Replacements	-	3/31/2035	3/31/2070	265,989	176,940	4.059%	4.059%					176,940		
292	2045	Replacements	-	3/31/2036	3/31/2071	265,989	265,989	4.059%	4.059%					97,904		
293		FY 2045 Subtotal:	-	-	-	531,977	442,929	-	-					274,045		
294	2046	Replacements	-	3/31/2036	3/31/2071	265,989	168,084	4.059%	4.059%					168,084		
295	2046	Replacements	-	3/31/2037	3/31/2072	265,989	265,989	4.059%	4.059%					119,705		
296		FY 2046 Subtotal:	-	-	-	531,977	434,073	-	-					287,789		
297	2047	Replacements	-	3/31/2037	3/31/2072	265,989	146,284	4.059%	4.059%					146,284		
298	2047	Replacements	-	3/31/2038	3/31/2073	265,989	265,989	4.059%	4.059%					142,408		
299		FY 2047 Subtotal:	-	-	-	531,977	412,272	-	-					288,692		
300	2048	Replacements	-	3/31/2038	3/31/2073	265,989	123,580	4.059%	4.059%					123,580		
301	2048	Replacements	-	3/31/2039	3/31/2074	265,989	265,989	4.059%	4.059%					166,057		
302		FY 2048 Subtotal:	-	-	-	531,977	389,569	-	-					289,637		
303	2049	Replacements	-	3/31/2039	3/31/2074	265,989	99,932	4.059%	4.059%					99,932		
304	2049	Replacements	-	3/31/2040	3/31/2075	265,989	265,989	4.059%	4.059%					190,686		
305		FY 2049 Subtotal:	-	-	-	531,977	365,920	-	-					290,617		
306	2050	Replacements	-	3/31/2040	3/31/2075	265,989	75,303	4.059%	4.059%					75,303		
307	2050	Replacements	-	3/31/2041	3/31/2076	265,989	265,989	4.059%	4.059%					216,337		
308		FY 2050 Subtotal:	-	-	-	531,977	341,292	-	-					291,640		
309	2051	Replacements	-	3/31/2041	3/31/2076	265,989	49,651	4.059%	4.059%					49,651		
310	2051	Replacements	-	3/31/2042	3/31/2077	265,989	265,989	4.059%	4.059%					243,054		
311		FY 2051 Subtotal:	-	-	-	531,977	315,640	-	-					292,706		
312	2052	Replacements	-	3/31/2042	3/31/2077	265,989	22,934	4.059%	4.059%					22,934		
313	2052	Replacements	-	3/31/2043	3/31/2078	265,989	265,989	4.059%	4.059%					265,989		
314	2052	Replacements	-	3/31/2044	3/31/2079	265,989	265,989	4.059%	4.059%					4,892		
315		FY 2052 Subtotal:	-	-	-	797,966	554,911	-	-					293,814		
316	2053	Replacements	-	3/31/2044	3/31/2079	265,989	261,097	4.059%	4.059%					261,097		
317	2053	Replacements	-	3/31/2045	3/31/2080	265,989	265,989	4.059%	4.059%					33,873		
318		FY 2053 Subtotal:	-	-	-	531,977	527,085	-	-					294,970		
319	2054	Replacements	-	3/31/2045	3/31/2080	265,989	232,116	4.059%	4.059%					232,116		
320	2054	Replacements	-	3/31/2046	3/31/2081	265,989	265,989	4.059%	4.059%					64,056		
321		FY 2054 Subtotal:	-	-	-	531,977	498,104	-	-					296,172		
322	2055	Replacements	-	3/31/2046	3/31/2081	265,989	201,933	4.059%	4.059%					201,933		
323	2055	Replacements	-	3/31/2047	3/31/2082	265,989	265,989	4.059%	4.059%					95,492		
324		FY 2055 Subtotal:	-	-	-	531,977	467,921	-	-					297,424		
325	2056	Replacements	-	3/31/2047	3/31/2082	265,989	170,497	4.059%	4.059%					170,497		
326	2056	Replacements	-	3/31/2048	3/31/2083	265,989	265,989	4.059%	4.059%					128,235		
327		FY 2056 Subtotal:	-	-	-	531,977	436,485	-	-					298,732		
328	2057	Replacements	-	3/31/2048	3/31/2083	265,989	137,753	4.059%	4.059%					137,753		
329	2057	Replacements	-	3/31/2049	3/31/2084	265,989	265,989	4.059%	4.059%					162,338		
330		FY 2057 Subtotal:	-	-	-	531,977	403,742	-	-					300,091		

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
331	2058	Replacements	-	3/31/2049	3/31/2084	265,989	103,651	4.059%	4.059%					103,651		
332	2058	Replacements	-	3/31/2050	3/31/2085	265,989	265,989	4.059%	4.059%					197,855		
333		FY 2058 Subtotal:	-	-	-	531,977	369,639	-						301,506		
334	2059	Replacements	-	3/31/2050	3/31/2085	265,989	68,133	4.059%	4.059%					68,133		
335	2059	Replacements	-	3/31/2051	3/31/2086	265,989	265,989	4.059%	4.059%					234,843		
336		FY 2059 Subtotal:	-	-	-	531,977	334,122	-						302,976		
337	2060	Replacements	-	3/31/2051	3/31/2086	265,989	31,146	4.059%	4.059%					31,146		
338	2060	Replacements	-	3/31/2052	3/31/2087	265,989	265,989	4.059%	4.059%					265,989		
339	2060	Replacements	-	3/31/2053	3/31/2088	265,989	265,989	4.059%	4.059%					7,379		
340		FY 2060 Subtotal:	-	-	-	797,966	563,123	-						304,513		
341	2061	Replacements	-	3/31/2053	3/31/2088	265,989	258,610	4.059%	4.059%					258,610		
342	2061	Replacements	-	3/31/2054	3/31/2089	265,989	265,989	4.059%	4.059%					47,502		
343		FY 2061 Subtotal:	-	-	-	531,977	524,599	-						306,112		
344	2062	Replacements	-	3/31/2054	3/31/2089	265,989	218,486	4.059%	4.059%					218,486		
345	2062	Replacements	-	3/31/2055	3/31/2090	265,989	265,989	4.059%	4.059%					89,293		
346		FY 2062 Subtotal:	-	-	-	531,977	484,475	-						307,780		
347	2063	Replacements	-	3/31/2055	3/31/2090	265,989	176,695	4.059%	4.059%					176,695		
348	2063	Replacements	-	3/31/2056	3/31/2091	265,989	265,989	4.059%	4.059%					132,819		
349		FY 2063 Subtotal:	-	-	-	531,977	442,684	-						309,514		
350	2064	Replacements	-	3/31/2056	3/31/2091	265,989	133,170	4.059%	4.059%					133,170		
351	2064	Replacements	-	3/31/2057	3/31/2092	265,989	265,989	4.059%	4.059%					178,150		
352		FY 2064 Subtotal:	-	-	-	531,977	399,158	-						311,319		
353	2065	Replacements	-	3/31/2057	3/31/2092	265,989	87,839	4.059%	4.059%					87,839		
354	2065	Replacements	-	3/31/2058	3/31/2093	265,989	265,989	4.059%	4.059%					225,365		
355		FY 2065 Subtotal:	-	-	-	531,977	353,827	-						313,204		
356	2066	Replacements	-	3/31/2058	3/31/2093	265,989	40,624	4.059%	4.059%					40,624		
357	2066	Replacements	-	3/31/2059	3/31/2094	265,989	265,989	4.059%	4.059%					265,989		
358	2066	Replacements	-	3/31/2060	3/31/2095	265,989	265,989	4.059%	4.059%					8,551		
359		FY 2066 Subtotal:	-	-	-	797,966	572,601	-						315,163		
360	2067	Replacements	-	3/31/2060	3/31/2095	265,989	257,438	4.059%	4.059%					257,438		
361	2067	Replacements	-	3/31/2061	3/31/2096	265,989	265,989	4.059%	4.059%					59,765		
362		FY 2067 Subtotal:	-	-	-	531,977	523,426	-						317,203		
363	2068	Replacements	-	3/31/2061	3/31/2096	265,989	206,224	4.059%	4.059%					206,224		
364	2068	Replacements	-	3/31/2062	3/31/2097	265,989	265,989	4.059%	4.059%					113,107		
365		FY 2068 Subtotal:	-	-	-	531,977	472,212	-						319,331		
366	2069	Replacements	-	3/31/2062	3/31/2097	265,989	152,881	4.059%	4.059%					152,881		
367	2069	Replacements	-	3/31/2063	3/31/2098	265,989	265,989	4.059%	4.059%					168,664		
368		FY 2069 Subtotal:	-	-	-	531,977	418,870	-						321,545		
369	2070	Replacements	-	3/31/2063	3/31/2098	265,989	97,325	4.059%	4.059%					97,325		
370	2070	Replacements	-	3/31/2064	3/31/2099	265,989	265,989	4.059%	4.059%					226,527		
371		FY 2070 Subtotal:	-	-	-	531,977	363,313	-						323,851		
372	2071	Replacements	-	3/31/2064	3/31/2099	265,989	39,462	4.059%	4.059%					39,462		
373	2071	Replacements	-	3/31/2065	3/31/2100	265,989	265,989	4.059%	4.059%					265,989		
374	2071	Replacements	-	3/31/2066	3/31/2101	265,989	265,989	4.059%	4.059%					20,802		
375		FY 2071 Subtotal:	-	-	-	797,966	571,439	-						326,253		
376	2072	Replacements	-	3/31/2066	3/31/2101	265,989	245,186	4.059%	4.059%					245,186		
377	2072	Replacements	-	3/31/2067	3/31/2102	265,989	265,989	4.059%	4.059%					83,566		
378		FY 2072 Subtotal:	-	-	-	531,977	511,175	-						328,752		
379	2073	Replacements	-	3/31/2067	3/31/2102	265,989	182,423	4.059%	4.059%					182,423		
380	2073	Replacements	-	3/31/2068	3/31/2103	265,989	265,989	4.059%	4.059%					148,936		
381		FY 2073 Subtotal:	-	-	-	531,977	448,411	-						331,359		
382	2074	Replacements	-	3/31/2068	3/31/2103	265,989	117,053	4.059%	4.059%					117,053		
383	2074	Replacements	-	3/31/2069	3/31/2104	265,989	265,989	4.059%	4.059%					217,019		
384		FY 2074 Subtotal:	-	-	-	531,977	383,041	-						334,072		
385	2075	Replacements	-	3/31/2069	3/31/2104	265,989	48,969	4.059%	4.059%					48,969		
386	2075	Replacements	-	3/31/2070	3/31/2105	265,989	265,989	4.059%	4.059%					265,989		
387	2075	Replacements	-	3/31/2071	3/31/2106	265,989	265,989	4.059%	4.059%					21,939		
388		FY 2075 Subtotal:	-	-	-	797,966	580,946	-						336,897		
389	2076	Replacements	-	3/31/2071	3/31/2106	265,989	244,049	4.059%	4.059%					244,049		
390	2076	Replacements	-	3/31/2072	3/31/2107	265,989	265,989	4.059%	4.059%					95,793		
391		FY 2076 Subtotal:	-	-	-	531,977	510,038	-						339,842		
392	2077	Replacements	-	3/31/2072	3/31/2107	265,989	170,195	4.059%	4.059%					170,195		
393	2077	Replacements	-	3/31/2073	3/31/2108	265,989	265,989	4.059%	4.059%					172,715		
394		FY 2077 Subtotal:	-	-	-	531,977	436,184	-						342,910		
395	2078	Replacements	-	3/31/2073	3/31/2108	265,989	93,274	4.059%	4.059%					93,274		
396	2078	Replacements	-	3/31/2074	3/31/2109	265,989	265,989	4.059%	4.059%					252,829		
397		FY 2078 Subtotal:	-	-	-	531,977	359,262	-						346,103		

TABLE 14C
APPLICATION OF AMORTIZATION
FY 2028
(\$000s)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Fiscal Year	Project	Debt Type	In Service	Bond Due Date	Initial Principal	Current Principal	Original Rate	Effective Rate	Refinance Type	Refinanced Date	Maturity Date	Roll Rate	Principal Paid	Premium	Discount
398	Grand Total				26,211,044	22,626,418		-					16,593,701		

**TABLE 14D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
2	Appropriation	Bureau of Reclamation	Boise								-	-	-	-	-	-	-	-	-
3			Columbia Basin	538	538	538	538	538	538	316	316	316	316	316	123	-	-	-	-
4			Hungry Horse Dam							-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	508	508	508	508	508	508	4	4	4	-	-	-	-	-	-	-
6			RRP - Green Springs	35	35	35	35	35	35							-	-	-	-
7			Bureau of Reclamation Subtotal:	1,081	1,081	1,081	1,081	1,081	1,081	320	320	320	316	316	123	-	-	-	-
8		Corps of Engineers	Albeni Falls	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	626	626	445	445	445	34	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	1,083	1,083	1	1	1		-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	31,190	31,778	24,782	26,185	26,354	13,438	5,541	5,541	5,541	4,209	2,186	1,121	1,106	676	123	-
12			Cougar	147	147	139	139	139	123	6	6	6	6	3	-	-	-	-	-
13			Detroit Lake/Big Cliff	17	17	17	17	17	16	-	-	-	-	-	-	-	-	-	-
14			Dworshak	1	1	1	1	1	1	1	1	1	1					-	-
15			Green Peter/Foster	24	24	24	24	24	4						-	-	-	-	-
16			Hills Creek	5	5	5	5	5	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	183	183	174	174	174	140	-	-	-	-	-	-	-	-	-	-
18			John Day	226	226	211	211	211	-	-	-	-	-	-	-	-	-	-	-
19			Libby	16	16	14	14	14	8	8	8	8			-	-	-	-	-
20			Little Goose	195	195	193	193	193	193	191	191	191	117	59				-	-
21			Lookout Dam	11	11	11	11	11	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek						-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	685	685	617	617	617	514	406	406	406	406	206	6	6	3	-	-
24			Lower Monument	85	85	85	85	85	27	22	22	22	22	-	-	-	-	-	-
25			McNary	100	100	100	100	100	49	6	6	6	6	-	-	-	-	-	-
26			The Dalles	16	16	16	16	16	16	1	1	1		-	-	-	-	-	-
27			Corps of Engineers Subtotal:	34,611	35,199	26,835	28,238	28,407	14,564	6,181	6,181	6,181	4,766	2,454	1,126	1,112	679	123	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	169	169	101	101	101	88	50	50	50	6	3	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	169	169	101	101	101	88	50	50	50	6	3	-	-	-	-	-
30		Appropriation Subtotal:		35,861	36,449	28,017	29,420	29,590	15,733	6,552	6,552	6,552	5,089	2,773	1,250	1,112	679	123	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(2,742)	(2,314)	(2,204)	(1,768)	(2,118)	(1,891)	(1,340)	(1,010)	(848)	(717)	(781)	(799)	(810)	(829)	(843)	(864)
32			BPA Borrowing Subtotal:	(2,742)	(2,314)	(2,204)	(1,768)	(2,118)	(1,891)	(1,340)	(1,010)	(848)	(717)	(781)	(799)	(810)	(829)	(843)	(864)
33		Interest Income Subtotal:		(2,742)	(2,314)	(2,204)	(1,768)	(2,118)	(1,891)	(1,340)	(1,010)	(848)	(717)	(781)	(799)	(810)	(829)	(843)	(864)
34	Treasury	BPA Borrowing	Bureau Direct	17,356	9,989	7,642	6,606	8,129	9,076	6,612	4,648	3,765	3,456	2,727	2,324	1,497	362	-	-
35			Interest Accrual	1,941	1,244	1,244	1,244	1,244	1,223	1,180	992	889	789	654	437	119	-	-	-
36			Interest Accrual Reversal	(3,352)	(1,941)	(1,244)	(1,244)	(1,244)	(1,244)	(1,223)	(1,180)	(992)	(889)	(789)	(654)	(437)	(119)	-	-
37			Conservation	4,308	58	58	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	247	580	878	855	856	1,004	853	427	-	-	-	-	-	-	-	-
39			Corps	18,961	18,331	24,416	21,230	14,121	23,862	21,245	11,087	6,877	5,463	4,826	4,240	1,921	409	-	-
40			Interest Accrual	3,065	4,541	4,462	2,714	4,695	4,349	2,001	1,587	1,413	1,347	1,308	558	135	-	-	-
41			Interest Accrual Reversal	(3,149)	(3,065)	(4,541)	(4,462)	(2,714)	(4,695)	(4,349)	(2,001)	(1,587)	(1,413)	(1,347)	(1,308)	(558)	(135)	-	-
42			Fish and Wildlife	7,455	7,546	6,824	4,978	6,147	5,188	3,786	2,567	1,176	475	-	-	-	-	-	-
43			Interest Accrual	1,187	819	184	184	184	81	81	81	81	-	-	-	-	-	-	-
44			Interest Accrual Reversal	(1,108)	(1,187)	(819)	(184)	(184)	(184)	(81)	(81)	(81)	(81)	-	-	-	-	-	-
45			Technology (G)	197	708	263	99	175	186	142	142	71	-	-	-	-	-	-	-
46			Interest Accrual	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	(66)	(143)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	47,186	37,478	39,368	32,020	31,410	38,845	30,247	18,695	12,038	9,149	7,379	5,597	2,677	516	-	-
49		Federal Generation Replacements	Replacements	-	-	-	-	-	5,399	16,196	26,993	37,790	48,588	59,385	70,182	80,980	91,777	99,324	103,470
50			Federal Generation Replacements Subtotal:	-	-	-	-	-	5,399	16,196	26,993	37,790	48,588	59,385	70,182	80,980	91,777	99,324	103,470
51		Treasury Subtotal:		47,186	37,478	39,368	32,020	31,410	44,244	46,443	45,689	49,828	57,736	66,764	75,780	83,656	92,293	99,324	103,470
52	Grand Total:			80,305	71,613	65,181	59,672	58,881	58,086	51,655	51,230	55,532	62,108	68,755	76,231	83,958	92,143	98,604	102,606

**TABLE 14D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI
1	Obligation Type	General Project	Specific Project	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(882)	(903)	(914)	(1,345)	(2,267)	(1,250)	(1,251)	(1,253)	(1,254)	(1,256)	(1,258)	(1,260)	(1,262)	(1,264)	(1,266)	(1,268)
32			BPA Borrowing Subtotal:	(882)	(903)	(914)	(1,345)	(2,267)	(1,250)	(1,251)	(1,253)	(1,254)	(1,256)	(1,258)	(1,260)	(1,262)	(1,264)	(1,266)	(1,268)
33		Interest Income Subtotal:		(882)	(903)	(914)	(1,345)	(2,267)	(1,250)	(1,251)	(1,253)	(1,254)	(1,256)	(1,258)	(1,260)	(1,262)	(1,264)	(1,266)	(1,268)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	107,111	111,843	116,496	117,234	110,382	104,178	103,556	102,653	101,712	100,732	99,712	98,649	97,542	96,389	95,188	93,937
50			Federal Generation Replacements Subtotal:	107,111	111,843	116,496	117,234	110,382	104,178	103,556	102,653	101,712	100,732	99,712	98,649	97,542	96,389	95,188	93,937
51		Treasury Subtotal:		107,111	111,843	116,496	117,234	110,382	104,178	103,556	102,653	101,712	100,732	99,712	98,649	97,542	96,389	95,188	93,937
52	Grand Total:			106,229	110,940	115,582	115,889	108,115	102,928	102,305	101,400	100,458	99,476	98,454	97,389	96,280	95,125	93,922	92,669

**TABLE 14D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY
1	Obligation Type	General Project	Specific Project	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworschak	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30		Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,271)	(1,273)	(1,276)	(1,278)	(1,281)	(1,284)	(1,287)	(1,290)	(1,294)	(1,297)	(1,300)	(1,304)	(1,308)	(1,312)	(1,316)	(1,321)
32			BPA Borrowing Subtotal:	(1,271)	(1,273)	(1,276)	(1,278)	(1,281)	(1,284)	(1,287)	(1,290)	(1,294)	(1,297)	(1,300)	(1,304)	(1,308)	(1,312)	(1,316)	(1,321)
33		Interest Income Subtotal:		(1,271)	(1,273)	(1,276)	(1,278)	(1,281)	(1,284)	(1,287)	(1,290)	(1,294)	(1,297)	(1,300)	(1,304)	(1,308)	(1,312)	(1,316)	(1,321)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Interest Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Interest Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49		Federal Generation Replacements	Replacements	92,635	91,278	89,865	88,393	86,861	85,264	83,602	81,870	80,067	78,188	76,232	74,194	72,072	69,862	67,560	65,162
50			Federal Generation Replacements Subtotal:	92,635	91,278	89,865	88,393	86,861	85,264	83,602	81,870	80,067	78,188	76,232	74,194	72,072	69,862	67,560	65,162
51		Treasury Subtotal:		92,635	91,278	89,865	88,393	86,861	85,264	83,602	81,870	80,067	78,188	76,232	74,194	72,072	69,862	67,560	65,162
52	Grand Total:			91,364	90,005	88,589	87,115	85,579	83,980	82,315	80,580	78,773	76,891	74,931	72,890	70,764	68,550	66,244	63,842

**TABLE 14D
SUMMARY OF INTEREST
FY 2028
(\$000s)**

	A	B	C	AZ	BA	BB	BC	BD	BE	BF	BG
1	Obligation Type	General Project	Specific Project	2072	2073	2074	2075	2076	2077	2078	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	4,930
4			Hungry Horse Dam	-	-	-	-	-	-	-	1
5			Minidoka/Palisades	-	-	-	-	-	-	-	3,062
6			RRP - Green Springs	-	-	-	-	-	-	-	208
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	8,201
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	4
9			Bonneville Dam	-	-	-	-	-	-	-	2,621
10			Chief Joseph	-	-	-	-	-	-	-	2,171
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	179,769
12			Cougar	-	-	-	-	-	-	-	860
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	100
14			Dworshak	-	-	-	-	-	-	-	7
15			Green Peter/Foster	-	-	-	-	-	-	-	123
16			Hills Creek	-	-	-	-	-	-	-	26
17			Ice Harbor	-	-	-	-	-	-	-	1,028
18			John Day	-	-	-	-	-	-	-	1,084
19			Libby	-	-	-	-	-	-	-	105
20			Little Goose	-	-	-	-	-	-	-	1,913
21			Lookout Dam	-	-	-	-	-	-	-	53
22			Last Creek	-	-	-	-	-	-	-	1
23			Lower Granite	-	-	-	-	-	-	-	5,579
24			Lower Monument	-	-	-	-	-	-	-	544
25			McNary	-	-	-	-	-	-	-	574
26			The Dalles	-	-	-	-	-	-	-	95
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	196,657
28		Lower Snake Fish & Wildlife	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	891
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	891
30		Appropriation Subtotal:		-	-	-	-	-	-	-	205,749
31	Interest Income	BPA Borrowing	(Less Interest Income)	(1,325)	(1,330)	(1,335)	(1,340)	(1,345)	(1,351)	(1,356)	(72,106)
32			BPA Borrowing Subtotal:	(1,325)	(1,330)	(1,335)	(1,340)	(1,345)	(1,351)	(1,356)	(72,106)
33		Interest Income Subtotal:		(1,325)	(1,330)	(1,335)	(1,340)	(1,345)	(1,351)	(1,356)	(72,106)
34	Treasury	BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	84,189
35			Interest Accrual	-	-	-	-	-	-	-	13,200
36			Interest Accrual Reversal	-	-	-	-	-	-	-	(16,553)
37			Conservation	-	-	-	-	-	-	-	4,423
38			Construction (AS)	-	-	-	-	-	-	-	6,555
39			Corps	-	-	-	-	-	-	-	176,987
40			Interest Accrual	-	-	-	-	-	-	-	32,176
41			Interest Accrual Reversal	-	-	-	-	-	-	-	(35,324)
42			Fish and Wildlife	-	-	-	-	-	-	-	46,143
43			Interest Accrual	-	-	-	-	-	-	-	2,882
44			Interest Accrual Reversal	-	-	-	-	-	-	-	(3,990)
45			Technology (G)	-	-	-	-	-	-	-	1,983
46			Interest Accrual	-	-	-	-	-	-	-	143
47			Interest Accrual Reversal	-	-	-	-	-	-	-	(209)
48			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	312,605
49		Federal Generation Replacements	Replacements	62,665	60,065	57,356	54,535	51,597	48,537	45,349	3,960,605
50			Federal Generation Replacements Subtotal:	62,665	60,065	57,356	54,535	51,597	48,537	45,349	3,960,605
51		Treasury Subtotal:		62,665	60,065	57,356	54,535	51,597	48,537	45,349	4,273,210
52	Grand Total:			61,340	58,735	56,021	53,195	50,252	47,186	43,993	4,406,854

**TABLE 14E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Obligation Type	General Project	Specific Project	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	7,332	-	-	-	-	2,928	13,165	-
4			Hungry Horse Dam	-	-	-	-	-	4	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	15,518	-	-	145	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	1,108	-	-	-	-	-	1	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	23,962	-	-	145	-	2,928	13,166	-
8		Corps of Engineers	Albeni Falls	-	42	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	4,169	-	-	10,963	1,105	-	-	-	-	-	-	-
10			Chief Joseph	-	24,727	-	-	31	10	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	173,479	12,651	-	353,808	255,460	-	-	48,446	48,418	89,621	1,574	-
12			Cougar	-	180	-	-	432	4,090	-	-	-	-	269	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	18	560	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	29	-	-
15			Green Peter/Foster	-	-	-	-	500	148	-	-	-	-	1	-	-
16			Hills Creek	-	-	-	-	154	-	-	-	-	-	-	-	-
17			Ice Harbor	-	207	-	-	934	4,363	-	-	-	-	-	-	-
18			John Day	-	356	-	-	6,224	-	-	-	-	-	-	-	-
19			Libby	-	40	-	-	167	-	-	-	282	-	5	-	-
20			Little Goose	-	30	-	-	-	66	-	-	2,707	-	5,504	-	-
21			Lookout Dam	-	-	-	-	311	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	7	-	-	-	-	-	-	-	-
23			Lower Granite	-	1,603	-	-	2,653	3,475	-	-	-	-	18,822	-	-
24			Lower Monument	-	-	-	-	1,519	155	-	-	-	942	-	-	-
25			McNary	-	-	-	-	1,335	1,479	-	-	-	239	-	-	-
26			The Dalles	-	-	-	-	-	464	-	-	15	10	-	-	-
27			Corps of Engineers Subtotal:	-	204,832	12,651	-	379,057	271,375	-	-	51,450	49,609	114,251	1,574	-
28	Lower Snake Fish &	Lower Snake Fish and Wildlife		-	1,545	-	-	343	1,256	-	-	1,608	-	295	-	-
29		Lower Snake Fish & Wildlife Subtotal:		-	1,545	-	-	343	1,256	-	-	1,608	-	295	-	-
30	Appropriation Subtotal:			-	206,378	12,651	-	379,400	296,593	-	-	53,204	49,609	117,475	14,740	-
31	Bond	BPA Borrowing	Bureau Direct	189,500	77,000	67,500	34,700	-	59,800	73,600	37,778	26,000	38,000	26,000	38,578	58,422
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	97,000	-	6,000	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	4,200	-	10,400	-	18,800	9,800	-	-	27,693	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40		Corps		67,300	102,700	298,900	393,300	59,600	28,369	250,417	133,541	73,268	28,362	29,947	114,053	88,598
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	49,000	54,922	111,549	-	59,300	73,429	8,000	64,186	12,272	38,000	-	-	-
44		Technology (G)	Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46				-	5,000	10,000	-	900	2,800	-	-	4,600	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49		BPA Borrowing Subtotal:		407,000	239,622	504,349	428,000	138,600	174,198	332,017	235,505	143,833	104,362	55,947	152,631	147,021
50		Federal Generation	Replacements	-	-	-	-	-	-	-	-	-	-	-	-	-
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Federal Generation Replacements Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56	Irrigation	Bond Subtotal:		407,000	239,622	504,349	428,000	138,600	174,198	332,017	235,505	143,833	104,362	55,947	152,631	147,021
57		Irrigation Assistance	Irrigation Assistance	\$8,275	\$13,216	\$20,662	\$6,370	\$11,634	\$4,065	\$1,996	\$11,198	-	\$4,347	-	\$8,258	\$28,920
58			Irrigation Assistance Subtotal:	8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
59		Irrigation Subtotal:		8,275	13,216	20,662	6,370	11,634	4,065	1,996	11,198	-	4,347	-	8,258	28,920
60	Grand Total:			415,275	459,216	537,662	434,370	529,634	474,856	334,013	246,703	197,037	158,318	173,422	175,629	175,941

**TABLE 14E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC
1	Obligation Type	General Project	Specific Project	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	62,573	17,847	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	2	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	7	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	423	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	63,005	17,847	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Bond	Appropriation Subtotal:		63,005	17,847	-	-	-	-	-	-	-	-	-	-	-
31		BPA Borrowing	Bureau Direct	48,000	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	49,402	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
49		BPA Borrowing Subtotal:		97,402	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation	Replacements	-	160,109	167,615	184,970	113,855	188,877	306,750	562,803	274,845	287,789	288,692	289,637	290,617
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Federal Generation Replacements Subtotal:		-	160,109	167,615	184,970	113,855	188,877	306,750	562,803	274,845	287,789	288,692	289,637	290,617
54	Irrigation	Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		97,402	160,109	167,615	184,970	113,855	188,877	306,750	562,803	274,845	287,789	288,692	289,637	290,617
57		Irrigation Assistance	Irrigation Assistance	\$16,018	-	\$13,964	-	\$73,659	-	-	-	\$12,321	-	-	-	-
58			Irrigation Assistance Subtotal:	16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
59		Irrigation Subtotal:		16,018	-	13,964	-	73,659	-	-	-	12,321	-	-	-	-
60	Grand Total:			176,425	177,956	181,579	184,970	187,514	188,877	306,750	562,803	287,165	287,789	288,692	289,637	290,617

**TABLE 14E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	
1	Obligation Type	General Project	Specific Project	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Bond	Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	
31		BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation	Replacements	291,640	292,706	293,814	294,970	296,172	297,424	298,732	300,091	301,506	302,976	304,513	306,112	307,780	
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Federal Generation Replacements Subtotal:		291,640	292,706	293,814	294,970	296,172	297,424	298,732	300,091	301,506	302,976	304,513	306,112	307,780	
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		291,640	292,706	293,814	294,970	296,172	297,424	298,732	300,091	301,506	302,976	304,513	306,112	307,780	
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	Grand Total:			291,640	292,706	293,814	294,970	296,172	297,424	298,732	300,091	301,506	302,976	304,513	306,112	307,780	

**TABLE 14E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	
1	Obligation Type	General Project	Specific Project	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	-	-	-	-	-	-	-	-	-	-	
3			Columbia Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4			Hungry Horse Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5			Minidoka/Palisades	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6			RRP - Green Springs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7			Bureau of Reclamation Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8		Corps of Engineers	Albeni Falls	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9			Bonneville Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10			Chief Joseph	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11			Columbia River Fish Mitigation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12			Cougar	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13			Detroit Lake/Big Cliff	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14			Dworshak	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15			Green Peter/Foster	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16			Hills Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17			Ice Harbor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18			John Day	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19			Libby	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20			Little Goose	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21			Lookout Dam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22			Lost Creek	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23			Lower Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24			Lower Monument	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25			McNary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26			The Dalles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27			Corps of Engineers Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30	Bond	Appropriation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	
31		BPA Borrowing	Bureau Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34			Conservation	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37			Construction (AS)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40			Corps	-	-	-	-	-	-	-	-	-	-	-	-	-	-
41			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
43			Fish and Wildlife	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
46			Technology (G)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50		Federal Generation	Replacements	309,514	311,319	313,204	315,163	317,203	319,331	321,545	323,851	326,253	328,752	331,359	334,072	336,897	
51			Principal Accrual	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-	-	-	-	-	-	-	-	-	-	-
53		Federal Generation Replacements Subtotal:		309,514	311,319	313,204	315,163	317,203	319,331	321,545	323,851	326,253	328,752	331,359	334,072	336,897	
54		Make Whole Call	Premiums	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56		Bond Subtotal:		309,514	311,319	313,204	315,163	317,203	319,331	321,545	323,851	326,253	328,752	331,359	334,072	336,897	
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	-	-	-	-	-	-	-	-	-	-	
58			Irrigation Assistance Subtotal:	-	-	-	-	-	-	-	-	-	-	-	-	-	
59		Irrigation Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	Grand Total:			309,514	311,319	313,204	315,163	317,203	319,331	321,545	323,851	326,253	328,752	331,359	334,072	336,897	

**TABLE 14E
SUMMARY OF AMORTIZATION
FY 2028
(\$000s)**

	A	B	C	BD	BE	BF	BG
1	Obligation Type	General Project	Specific Project	2076	2077	2078	Total
2	Appropriation	Bureau of Reclamation	Boise	-	-	-	
3			Columbia Basin	-	-	-	23,424
4			Hungry Horse Dam	-	-	-	4
5			Minidoka/Palisades	-	-	-	15,664
6			RRP - Green Springs	-	-	-	1,109
7			Bureau of Reclamation Subtotal:	-	-	-	40,202
8		Corps of Engineers	Albeni Falls	-	-	-	42
9			Bonneville Dam	-	-	-	16,237
10			Chief Joseph	-	-	-	24,769
11			Columbia River Fish Mitigation	-	-	-	1,063,878
12			Cougar	-	-	-	4,971
13			Detroit Lake/Big Cliff	-	-	-	578
14			Dworshak	-	-	-	31
15			Green Peter/Foster	-	-	-	648
16			Hills Creek	-	-	-	154
17			Ice Harbor	-	-	-	5,503
18			John Day	-	-	-	6,580
19			Libby	-	-	-	494
20			Little Goose	-	-	-	8,314
21			Lookout Dam	-	-	-	311
22			Lost Creek	-	-	-	7
23			Lower Granite	-	-	-	26,975
24			Lower Monument	-	-	-	2,617
25			McNary	-	-	-	3,052
26			The Dalles	-	-	-	489
27			Corps of Engineers Subtotal:	-	-	-	1,165,652
28		Lower Snake Fish &	Lower Snake Fish and Wildlife	-	-	-	5,049
29			Lower Snake Fish & Wildlife Subtotal:	-	-	-	5,049
30		Appropriation Subtotal:		-	-	-	1,210,902
31	Bond	BPA Borrowing	Bureau Direct	-	-	-	774,878
32			Principal Accrual	-	-	-	-
33			Principal Accrual Reversal	-	-	-	-
34			Conservation	-	-	-	103,000
35			Principal Accrual	-	-	-	-
36			Principal Accrual Reversal	-	-	-	-
37			Construction (AS)	-	-	-	70,893
38			Principal Accrual	-	-	-	-
39			Principal Accrual Reversal	-	-	-	-
40			Corps	-	-	-	1,717,758
41			Principal Accrual	-	-	-	-
42			Principal Accrual Reversal	-	-	-	-
43			Fish and Wildlife	-	-	-	470,658
44			Principal Accrual	-	-	-	-
45			Principal Accrual Reversal	-	-	-	-
46			Technology (G)	-	-	-	23,300
47			Principal Accrual	-	-	-	-
48			Principal Accrual Reversal	-	-	-	-
49			BPA Borrowing Subtotal:	-	-	-	3,160,487
50		Federal Generation	Replacements	339,842	342,910	346,103	12,222,312
51			Principal Accrual	-	-	-	-
52			Principal Accrual Reversal	-	-	-	-
53			Federal Generation Replacements Subtotal:	339,842	342,910	346,103	12,222,312
54		Make Whole Call	Premiums	-	-	-	-
55			Make Whole Call Subtotal:	-	-	-	-
56		Bond Subtotal:		339,842	342,910	346,103	15,382,799
57	Irrigation	Irrigation Assistance	Irrigation Assistance	-	-	-	\$234,903
58			Irrigation Assistance Subtotal:	-	-	-	234,903
59		Irrigation Subtotal:		-	-	-	234,903
60	Grand Total:			339,842	342,910	346,103	16,828,604

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15. REPAYMENT THEORY AND OPERATION

15.1 Introduction

The Bonneville Power Administration (BPA) is required to collect sufficient revenues to meet the annual expenses and cover the long-term obligations of the Federal Columbia River Power System (FCRPS).

The Repayment Program is used to determine whether a given set of annual revenues is sufficient to meet a given set of annual expenses and cover a given set of long-term obligations when applied in accordance with the requirements of Department of energy (DOE) Order RA 6120.2. The Program is also used to determine by what minimum factor the future revenues can be multiplied to obtain a new set of revenues which will be sufficient.

The revenues and expenses of the cost evaluation year will be assigned to all future years. This will have the effect of levelizing the long-term obligations over all future years.

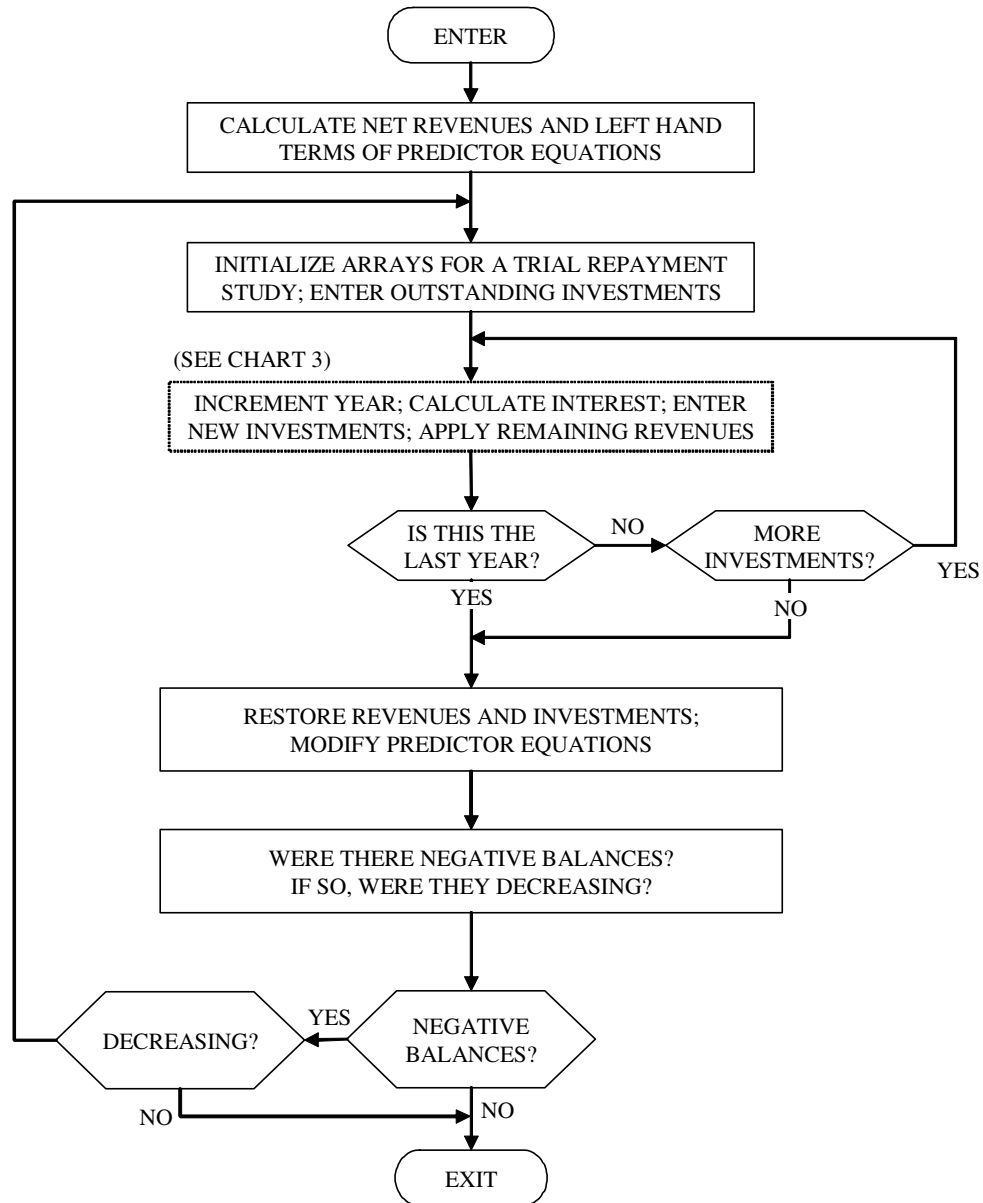
15.2 Repayment Program Logic

The diagrams on the following pages show the flow of logic in BPA's repayment program. The first diagram shows the logic of the binary search used to locate minimum sufficient revenues. A necessary part of this search is the test for sufficiency. The logic of the test for sufficiency is shown on the remaining two diagrams.

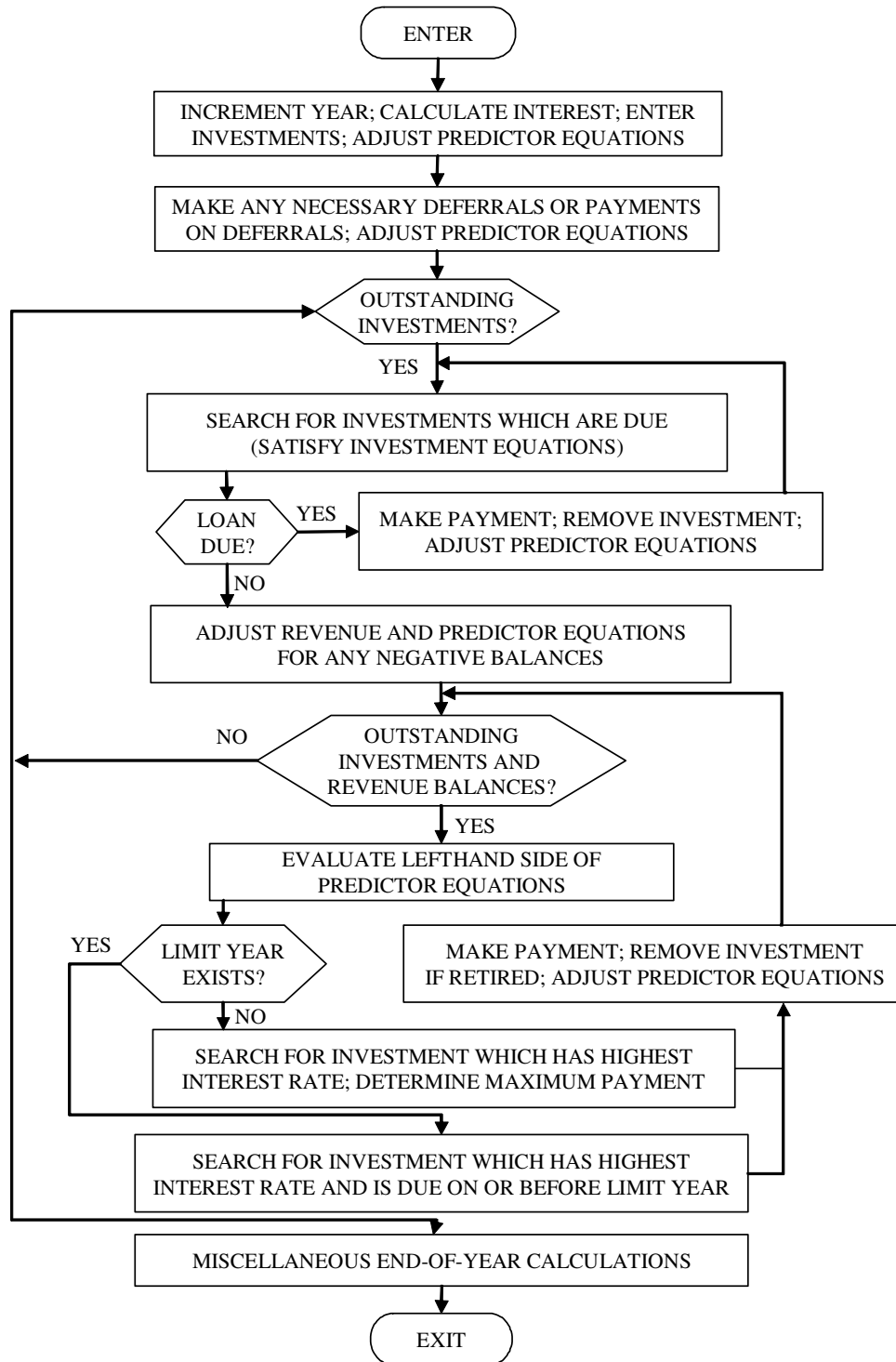
The equations which are referred to are:

- Revenue Equation: Net revenues of each year are expended on interest and payments on the principles.
- Investment equation: The payments on each investment are less than or equal to the principle of that investment (and equal to the principle of that investment after the investment is due).
- Predictor equation: For each future year the accumulated revenues less the accumulated interest less the accumulated investments due is equal to the accumulated payments on high interest rate investments which are not due.

**REPAYMENT PROGRAM
(TEST FOR SUFFICIENCY)**



**REPAYMENT PROGRAM
(APPLICATION OF REVENUES)**



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