



Bonneville
POWER ADMINISTRATION



INTEGRATED PROGRAM REVIEW

COLUMBIA GENERATING STATION
JUNE 16, 2022

AGENDA

Time	Topic	Speaker
10 minutes	Columbia Generating Station (Columbia) Background	Cherie Sonoda (BPA)– Nuclear Supervisor, Contract Generating Resources
15 minutes	Energy Northwest (EN) & Columbia Overview	Cristina Reyff (EN) – Vice President, Chief Financial Officer/Chief Risk Officer
15 minutes	Columbia BP-24 IPR Forecasts	Jeff Windham (EN) - Treasury & Business Planning Manager
15 minutes	Looking Ahead - Columbia Long Range Plan	Jeff Windham (EN) - Treasury & Business Planning Manager
20 minutes	Resource Opportunity: Extended Power Uprate (EPU)	Grover Hettel (EN) – Vice President, Chief Nuclear Officer Jeff Windham (EN) - Treasury & Business Planning Manager
15 minutes	Closing Remarks / Questions	Cristina Reyff (EN) – Vice President, Chief Financial Officer/Chief Risk Officer

COLUMBIA GENERATING STATION O&M BACKGROUND

- Columbia costs are included in the revenue requirements of Power Services rate structure
- Columbia is an 1174 net MW boiling water nuclear reactor located in Richland, WA
- Columbia is owned and operated by Energy Northwest
- Columbia began commercial operation in December 1984 and is licensed to operate through December 2043.
- BPA supports Energy Northwest's mission to operate Columbia in a safe, reliable, and cost effective manner.

COLUMBIA GENERATING STATION

O&M

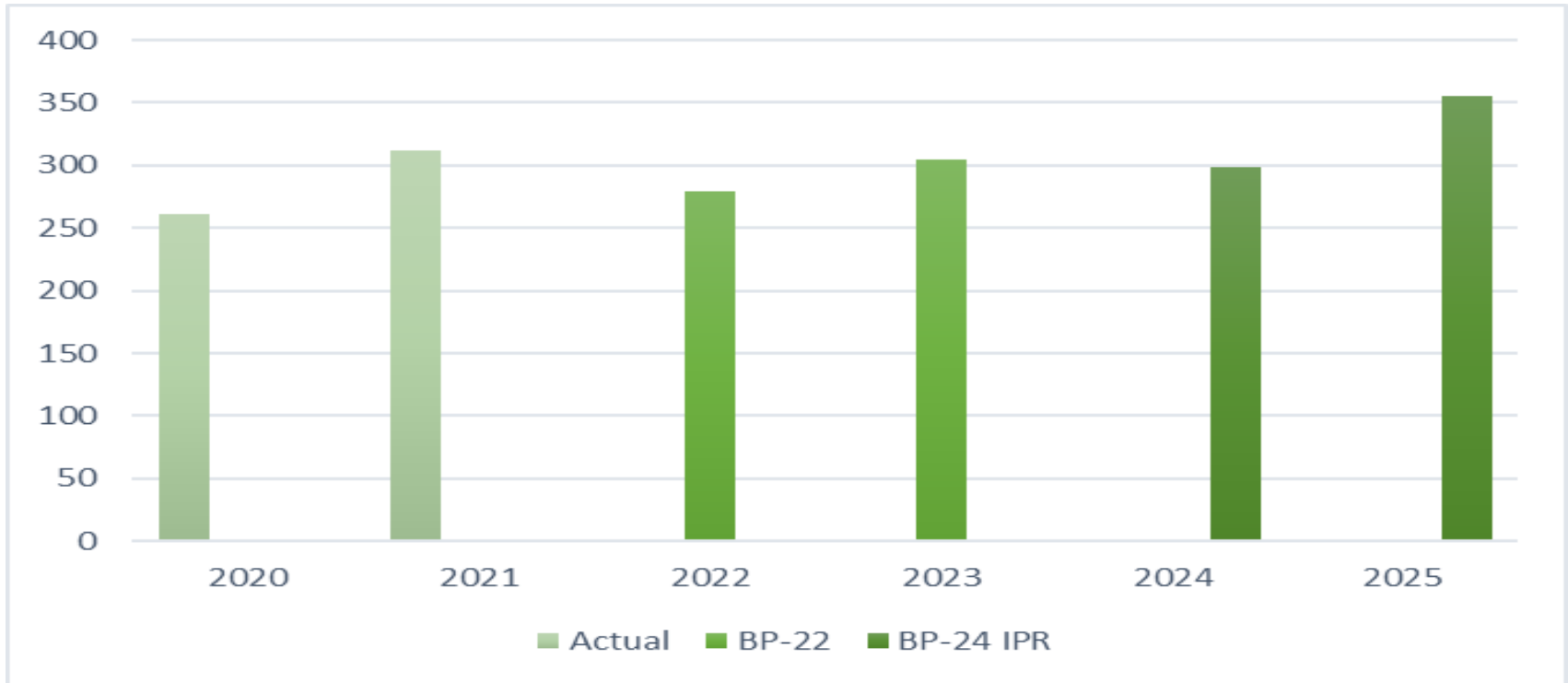
Columbia Generating Station	2021 Actual	BP-22 Rate Case 2022	BP-22 Rate Case 2023	BP-24 IPR 2024	BP-24 IPR 2025	BP-22 Rate Case 2 Year Total	BP-24 IPR 2 Year Total
COLUMBIA GENERATING STATION	311,064,000	276,491,000	302,499,000	296,022,000	351,748,000	578,990,000	647,770,000
NEIL INSURANCE	689,000	2,152,000	2,249,000	3,224,000	3,385,000	4,401,000	6,609,000
TOTAL	311,753,000	278,643,000	304,748,000	299,246,000	355,133,000	583,391,000	654,379,000

- BPA acquires 100% of Columbia’s generation and funds 100% of its costs plus directly funds the Decommissioning Trust Fund, Independent Spent Fuel Storage Installation Decommissioning Trust Fund and NEIL insurance premiums.
- Columbia’s continued safe, reliable, and cost effective operation is the key product.
- Columbia will have maintenance and refueling outages in Energy Northwest FYs 2023 and 2025. Columbia had an outage in FY 2021.
- The proposed IPR levels for FY 2024-2025 support continued operation and maintenance of Columbia and are consistent with the spending forecast provided by the Energy Northwest FY 2023 Long Range Plan.
- BPA is currently reviewing EN’s proposal to spend \$31M in capital during BP-24 to perform studies that would support a license amendment to increase Columbia’s output. BPA has not completed this review and as such is not in agreement to proceed at this time. Costs presented do not include impacts of this capital funding.

COLUMBIA GENERATING STATION

O&M – CASH BASIS

BPA Fiscal Years – Dollars in Millions



	2020	2021	2022	2023	2024	2025
Actual	261	312				
BP-22			279	305		
BP-24 IPR					299	355

Supporting BPA's Strategic Plan

Columbia's cost management strategies support BPA's strategic goals of sustaining financial strength, modernizing assets through investing in our power products and supporting BPA's ability to provide competitive power products and services.

A photograph of a forest path with sunlight filtering through the trees, creating a dappled light effect. The path is dirt and leads into the distance. The trees are tall and thin, with green foliage. The overall atmosphere is serene and natural.

QUESTIONS?

FINANCIAL DISCLOSURE

This information was publicly available on June 9, 2022 and contains information not sourced directly from BPA financial statements.

THANK YOU