



BPA's Day-Ahead Market Readiness – Public Workshop 2

March 12, 2026



Welcome

1. Introductions
2. Meeting Logistics Reminders
3. Agenda Review

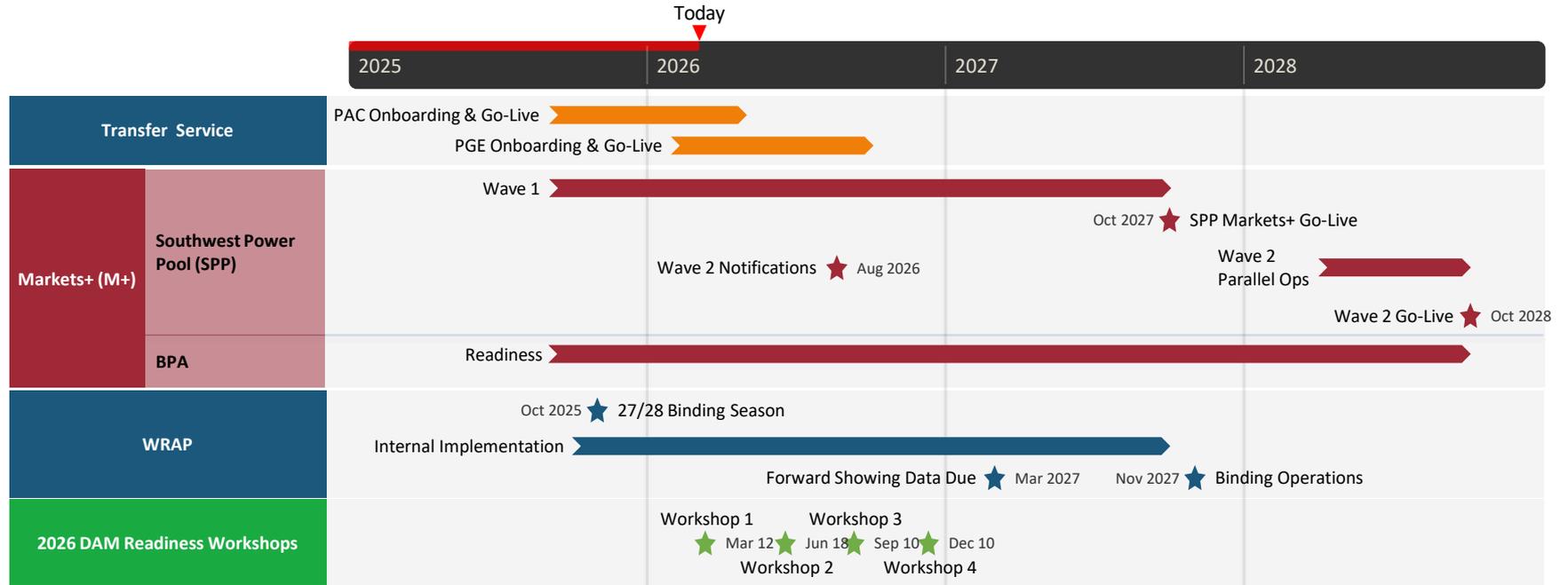
Webex Instructions

- BPA has adjusted its public stakeholder virtual engagement approach.
- The Webex format is moving to a “webinar” style.
 - Webex attendees can no longer mute/unmute themselves or enable their webcam.
- The all-chat feature is disabled. Attendees can only message panelists.
 - To participate, attendees must raise their hand (BPA will unmute you to enable your participation) or send a question to panelists in the chat.
- If you are Webex by phone only: press *3 to request to be unmuted.
- Moderators will continue to address raised hands in the order received.
 - Please continue to state your name and affiliation.
- As necessary, BPA may evolve these procedures and take other measures at its discretion to prevent future disruptions.

Agenda

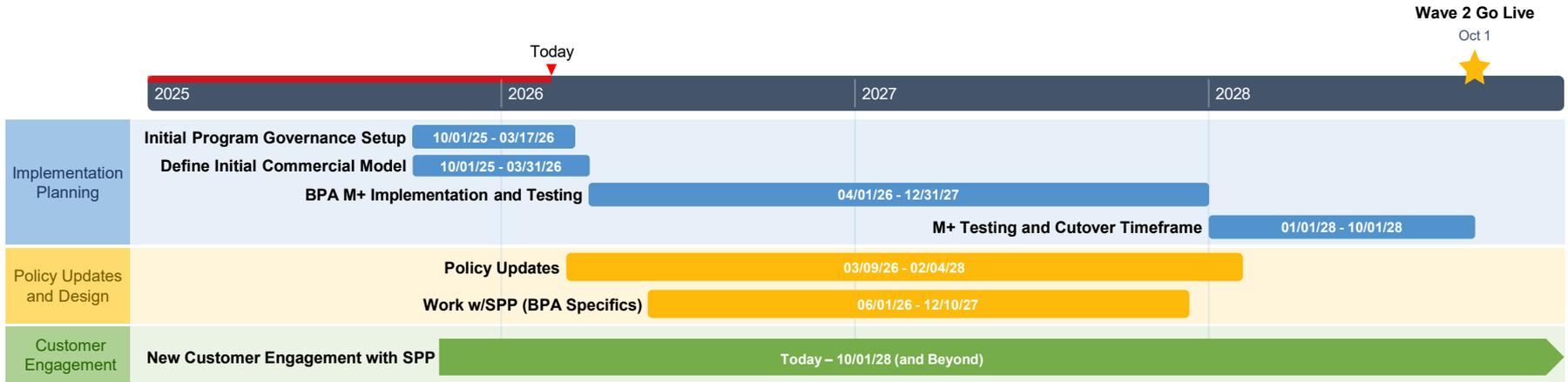
1. Readiness Schedule Review
2. Commercial Model Framework
3. Energy Imbalance Market (EIM) Exit
4. Automatic Generation Control (AGC) Upgrade
5. Reliability Coordinator (RC)

BPA Readiness Schedule



*Please note that dates are tentative and subject to change.

BPA Readiness Schedule



*Please note that dates are tentative and subject to change.

Additional BPA Processes

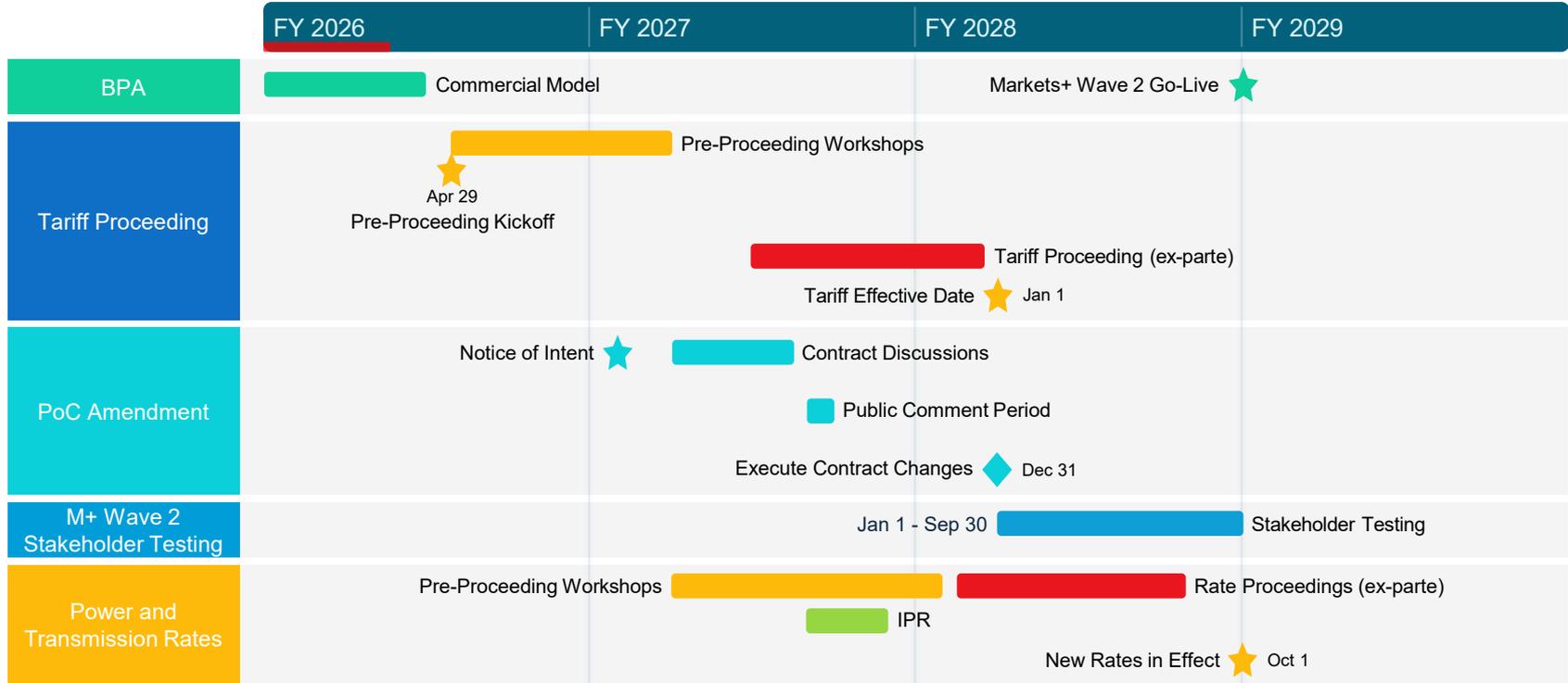
Consistent with its policy direction to pursue participation in Markets+ and as part of its decision-making process, BPA expects to undertake the following:

- Rate case(s)
- Tariff proceeding
- Transmission business practices
- Provider of Choice amendment process
- Environmental reviews
- Negotiation of Markets+ implementation agreements with the Southwest Power Pool (SPP)

Tariff Proceeding

- BPA intends to initiate tariff pre-proceeding workshops Spring 2026 to discuss and develop proposed tariff changes necessary for BPA to participate in Markets+.
 - Kick-off workshop is currently planned on April 29 to share proposed schedule and scope.
 - More information coming soon via Tech Forum. Interested participants not currently signed up to receive Tech Forum notifications are encouraged to do so [here](#).

BPA DAM Readiness-Related Processes Schedule



*Please note that dates are tentative and subject to change.

Future DAM Workshop Topics and Dates

Workshop Topics:

- Provider of Choice Contracts Implications and Overlap
- Customer Engagement and Requirements
- Readiness Progress Updates
- Rates and Tariff Implications and Overlap
- ...and more!

Workshop Dates:

- 2026
 - June 18
 - September 10
 - December 10
- 2027-28
 - TBD



Commercial Model Framework



Commercial Model Topics

- Definitions & Context
- Load Following Customers (Load & Gen)
- Planned Product & Other Customers (Load & Gen)
- Market Participant Expectations

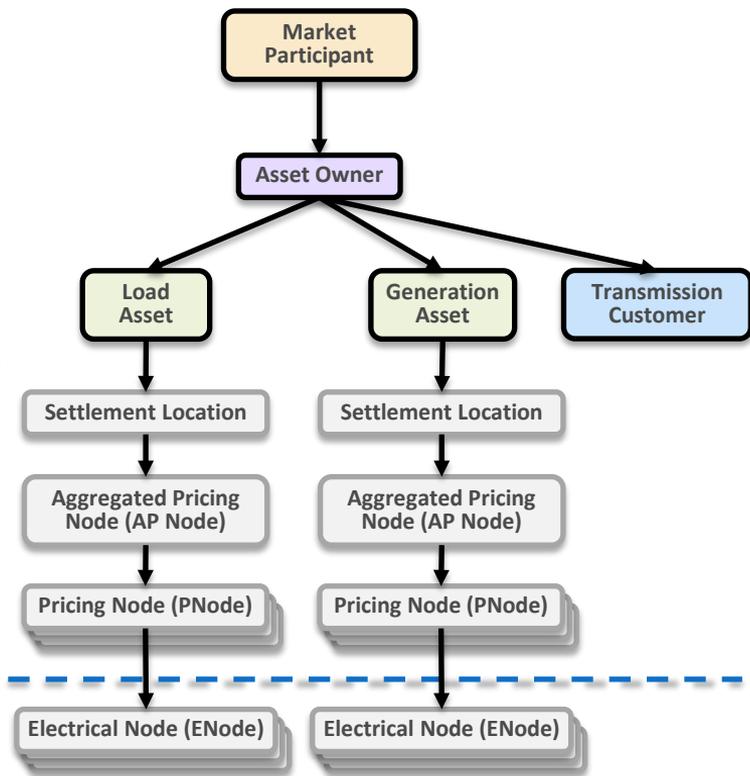
Definitions & Context (1 of 2)

- **What is a Commercial Model?**
 - The Commercial Model represents the attributes and relationships among and between Market Participants, Asset Owners, resource and load assets, and price Pnodes for use in Markets+.
 - The Commercial Model describes the financial market relationships between the entities participating in Markets+ (e.g., between BPA and its customers). Basically, it defines who pays and who gets paid.
 - It also describes commercial relationships among the elements of the Network Model.
- **Why does the Commercial Model matter?**
 - Decisions made during this design/setup period on how we define these relationships between entities will endure through operations and will have a material impact on offering/bidding as well as on financial settlements.
- **Where are we in the process of defining the Commercial Model**
 - Today: we will discuss load & generation (power customers and Independent Power Producers (IPPs)).
 - Future topics will include: Transmission, greenhouse gasses (GHG), and linking to the network model.

Definitions & Context (2 of 2): SPP Commercial Model Hierarchy

FOCUS OF THIS PRESENTATION

SUBSEQUENT MAPPING EXERCISE

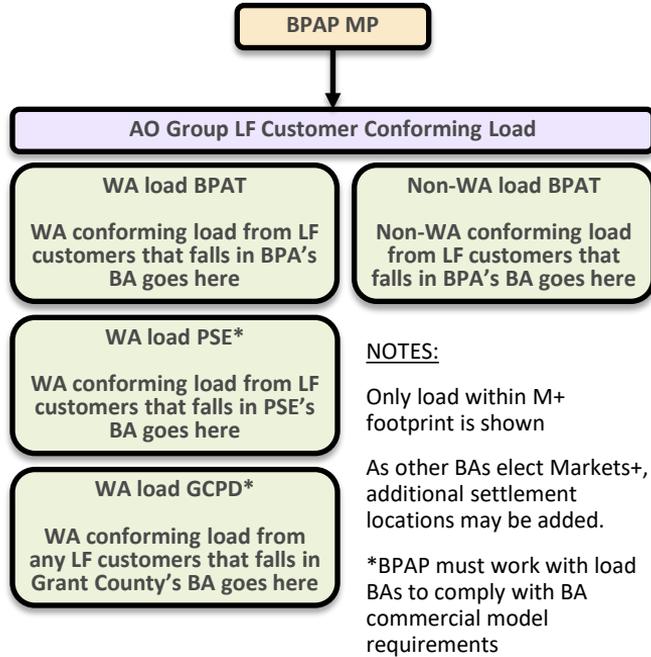


- **Market Participant:** An entity that directly participates in the market, executes the Market Participant Agreements, and is financially obligated to the Market Operator for market settlements.
- **Asset Owner:** Entity responsible for any combination of below activities: (1) own registered physical assets (Resource, load, Import Interchange Transaction, Export Interchange Transaction, Through Interchange Transaction), (2) own Transmission Rights, (3) perform Virtual Energy transactions, or (4) Internal Energy Schedule Settlement Adjustments (IESSAs). NOTE: “Asset Owner” does not necessarily mean property ownership, it is only a designation in the commercial model.
- Registered load asset, generation resource asset and/or transmission customer.
- **Settlement Location:** A location of finest granularity for calculation of settlements. There is a one-to-one mapping of load asset to settlement location and of generation asset to settlement location.
- **Aggregated Pricing Node (APNode):** Represents an aggregation of two or more PNodes using weighting factors.
- **Pricing Node (PNode):** A PNode is where Locational Marginal Prices are calculated. A PNode has a one-to-one relationship to an ENode.
- **Electrical Node (ENode):** An ENode is a physical node represented in the Network Model where electrical equipment and components are connected.

Agenda

- Definitions & Context
- **Load Following Customers (Load & Gen)**
- Planned Product & Other Customers (Load & Gen)
- Market Participant Expectations

Load Following (LF) Customers with Conforming Load



Description:

- Aggregate all conforming load across all BPA Load Following (LF) customers in Markets+ (M+) into one Asset Owner (AO) and 4 settlement locations. BPA Power will do all load bidding for conforming load.

Rationale:

- BPAP Load Responsible Entity: BPA Power is the load responsible entity for LF customers, so all load obligations should be modeled under BPAP. Must-offer obligation at the market participant (MP) level.
- GHG Considerations: Load for WA / and Non-WA is separated at the settlement location to enable Greenhouse Gas costs to be applied to WA load.
- Transfers:
 - Customers with load inside a SPP Markets+ participating balancing authority (BA) will be modeled and served in M+ (BPAP will work will transfer load BA to structure model (i.e. PSE and GCPD)).
 - Customers with load outside of SPP Markets+ (not shown in the diagram) will not be part of the commercial model and will have load served via tagged exports from M+.

Implications for:

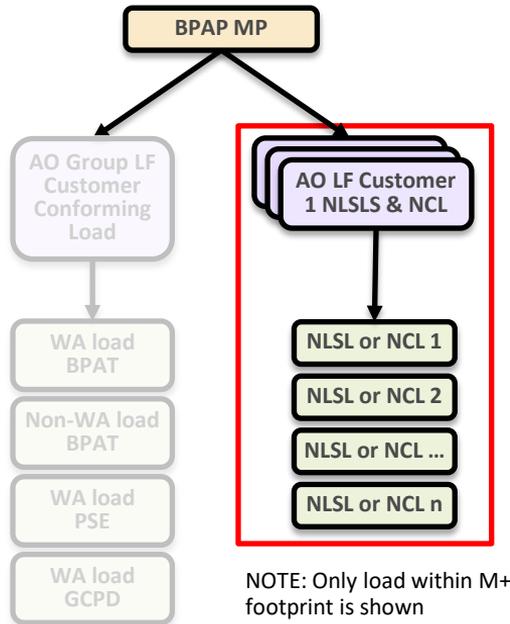
- Customers: Minimal impacts to customers. Meter data or other data submittal processes may have differences. BPA may have requirements beyond SPP data submittal requirements.
- Settlements: Load following customer billing is handled with revenue meter data and tiered rates. This process is not expected to be impacted.
- Changes: If the load becomes an New Large Single Load (NLSL) or if the customer changes to a planned product customer, the load will need to be represented separately from the BPAP conforming load settlement locations.

NOTE: This view is for non-NLSL load only. NLSLs are discussed in a subsequent slide.

Market Participant **Asset Owner**

Gen or Load (maps to Settlement Location)

LF Customers with NLSLs & Non-Conforming Load (NCL)



Description:

- Each NLSL or Non-Conforming Load (NCL) is its own settlement location.
- The Asset Owner is the LF utility responsible for serving the NLSL and/or Non-conforming load.
 - If an Asset Owner is responsible for multiple NLSLs and/or Non-conforming load they have multiple settlement locations under them.

Rationale:

- NCL in M+: NCL greater than 50 MW are required to register under a single Pnode.
- Unique settlement requirement: NLSLs and NCLs are pulled out as separate settlement locations due to their unique settlement requirements and associated stringent rules.

Implications for:

- Metering: Individual Metering data is required for each of NLSL or Non-Conforming load. NCLs have additional requirements.
- Forecast: Load forecast data for each NCL is required to be sent to SPP. (NLSLs will remain in the conforming load forecast.)
- Visible: Improved transparency for monitoring NLSLs and NCLs.
- Bidding: Potential flexibility for bidding load into the market.

Outstanding Items:

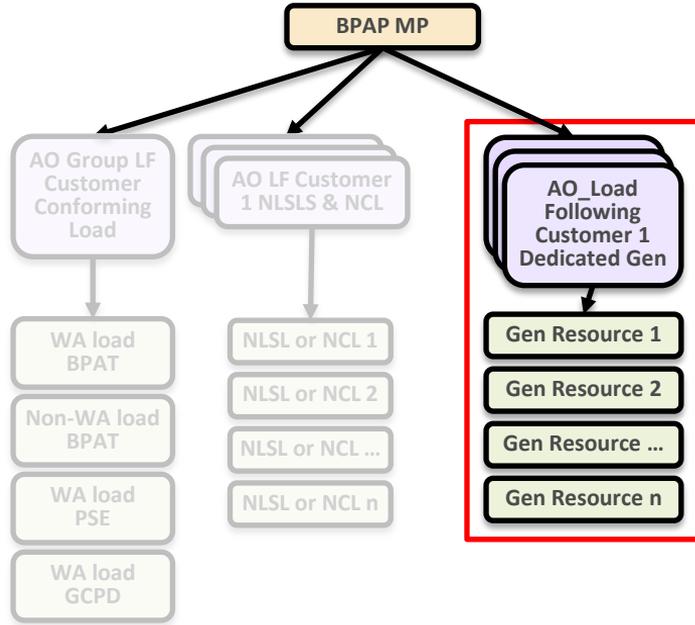
- Further considerations of NLSL framework from a WRAP perspective.

Market Participant

Asset Owner

Gen or Load (maps to Settlement Location)

Dedicated Generation Serving LF Customers



Description:

- The Asset Owner is the owner / off-taker of the generator asset.
- Each generation asset fully dedicated to load following customers' load to be modeled as a separate settlement location.
- NOTE: In most cases, dedicated resources < 3MW or behind the meter will not be registered.

Rationale:

- LF Customers Fully Dedicated Generation: Exhibit A resource amounts are contractually required for LF customer load service.
- AO Permissions: AOs are preferred to grant permissions to enable submittal of offers of generation to the market.

Implications for:

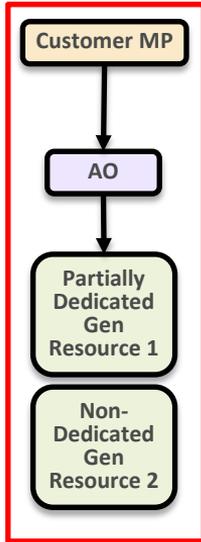
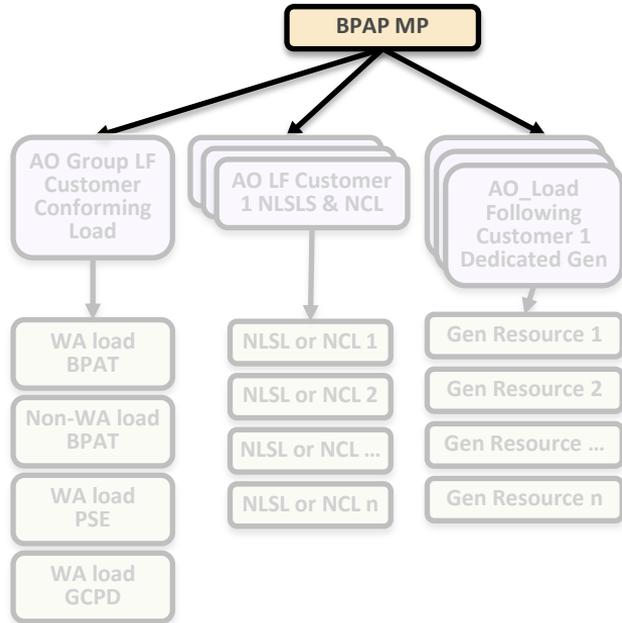
- Offers: BPAP will give generator owners/off-takers permissions to submit offers for dedicated generation under their AO. There will be options if they cannot facilitate resource offers (mechanism of self-schedule, NDPR status).
- Settlements: BPAP will receive all settlements as the MP. Fully dedicated generation serving LF customers may receive suballocation from BPA, if applicable as established through its rate setting process.
- Generator owner: There are minimal impacts to the generator owner. They will leverage SPPs tools if they choose to submit market offers. Meter data or other data submittal processes may have differences.
- Changes: If fully-dedicated generation becomes partially dedicated, the registered asset can be moved to a generator owner MP (see details on next slide).

Market Participant

Asset Owner

Gen or Load (maps to Settlement Location)

LF Customers with Non-Dedicated or Partially Dedicated Gen



NOTE: Only one generic customer is shown

Description:

- Separate Market Participants: Generator owner of non-dedicated or partially dedicated generation of LF customers need to be their own MP (or secure the services of a 3rd party provider who would be the MP on their behalf) and place all non-dedicated or partially dedicated generation under their own MP.
- Separate settlement locations: Each generation asset (Non-dedicated or partially dedicated) needs to be modeled as a separate settlement location as per SPP requirements.
- No change to other assets: All other assets (conforming load, NLSLs/Non-conforming load, fully dedicated generation) would be under the BPAP MP (as shown on previous slides).

Rationale:

- Separation: BPA should not be privy to the undedicated portion of generation not serving the customer's load (whether from non-dedicated generation or partially dedicated generation). Therefore, this generation cannot be under BPAP's MP and must be under a separate MP.

Implications for:

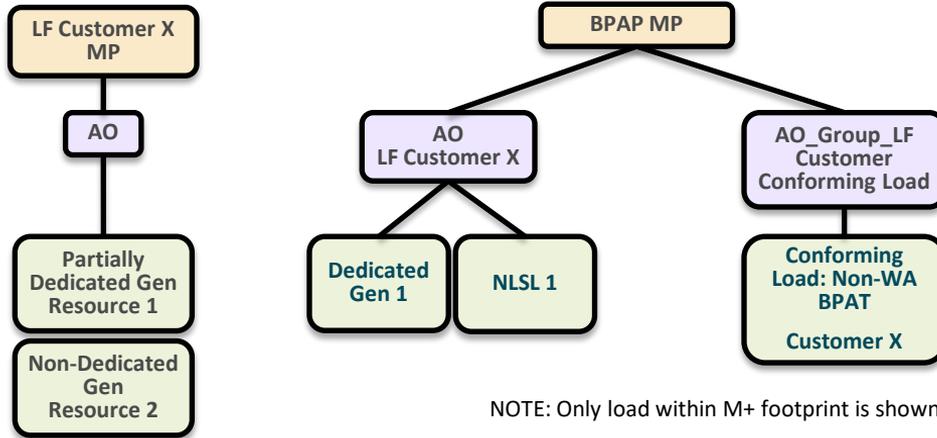
- Customer: Customers would need to gear up to join Markets+ as Market Participants which will involve system, people, process changes for their organization.
- Must Offer Obligations (MOO) and Settlements: Mechanism for transfer of MOO and settlements for partially dedicated MWs still to be determined (e.g. tagging or IESSA).

Market Participant

Asset Owner

Gen or Load (maps to Settlement Location)

Customer Centric View (Load & Gen): LF Customer X



NOTE: Only load within M+ footprint is shown

Two MPs:

- BPAP:
 - AO with Settlement Location for Dedicated Gen and Settlement Location for NLSL
 - AO and Settlement Location for conforming load
- LF Customer MP:
 - AO for Partially Dedicated and/or Non-Dedicated Gen

Market Participant

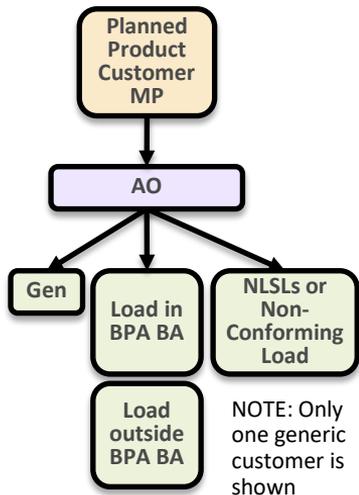
Asset Owner

Gen or Load (maps to Settlement Location)

Agenda

- Definitions & Context
- Load Following Customers (Load & Gen)
- **Planned Product & Other Customers (Load & Gen)**
- Market Participant Expectations

Planned Product Customers



Description:

- Planned Product customers in the BPA BA need to be their own Market Participant or secure the services of a 3rd party provider who would be a Market Participant on their behalf. Planned Product customers are taking Slice/Block product or any variant of the Block product.

Rationale:

- Planned product customers are responsible for meeting any monthly, daily, or hourly shaping needs beyond the planned power delivery that BPA provides and would be their own Load Responsible Entity (LRE) for both WRAP and M+ purposes. Product customers should participate independently in Markets+ and leverage the BPA planned product as well as other generation to serve their load.

Implications for:

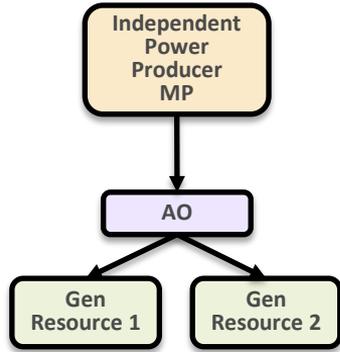
- Customers:
 - Planned Product customers would need to gear up to join Markets+ as a Market Participant which will involve system, people, process changes for their organization.
 - Registered with SPP directly or by 3rd party by March 31, 2027 or sooner.
 - Requirements for Planned Product customers to communicate information to BPAT, per the Open Access Transmission Tariff (OATT).
 - Planned Product customers would have discretion over the underlying AO/asset structure under their MP registration.
- MOO and Settlements: Mechanism for transfer of MOO and settlements for Planned Product MWs still to be determined (e.g. tagging or IESSA).

Market Participant

Asset Owner

Gen or Load (maps to Settlement Location)

Independent Power Producers (IPPs)



NOTE: Only one generic customer is shown

NOTE: Only gen within M+ footprint is shown

Description:

- All IPPs including generator owners of non-dedicated or partially dedicated generation for load following customers need to be their own Market Participant (or secure the services of a 3rd party provider who would be a Market Participant on their behalf) and place their generation under their own MP.
- NOTE: In most cases, resources <3MW or behind the meter do not need to register.

Rationale:

- Separation: BPAP should not be representing generation not fully associated serving BPAP's customer load (whether from non-dedicated generation, partially dedicated generation). Therefore, this generation cannot be under BPAP's MP and must be under the IPP's own MP.

Implications:

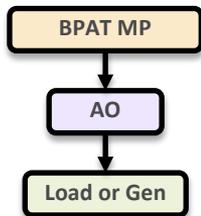
- IPPs would need to gear up to join Markets+ which will involve system, people, process changes for their organization.

Market Participant

Asset Owner

Gen or Load (maps to Settlement Location)

Market Participant for Non-Registered Entities



NOTES:

BPA does not anticipate having load registered under the BPAT MP and would need to develop plan for this scenario.

Description:

- Generation and load customers who choose not to register under their own or another MP will be registered by the BPA BA under the BPAT MP (separate from the BPAP MP). Excluding Planned Product customers (a separate policy will be developed for treatment of Planned Product (PP) customers that do not register as MPs).
- NOTE: In most cases, resources <3MW or behind the meter will not be registered.

Rationale:

- Per SPP Markets+ Tariff BPA as a BA has the responsibility to register all load and gen who do not register as their own MP or register via a 3rd party entity.
- A customer-specific AO will be used to register assets to simplify modeling/settlements.

Implications:

- Self-schedules only: for generation using existing etags and data estimate sources. Price-taker in day-ahead and the real time balancing market (RTBM).
- Congestion Rents: Distributions of congestion rents TBD.
- Settlements: Credits and debits will be passed by BPAT directly to the respective Non-Federal generation entities that BPAT registers. A new fee will apply for administrative cost recovery using a transmission rate schedule.
- Customers: Treatment will be very similar to those who don't participate in EIM. If load is registered by BPAT MP, there will be an associated MOO. This is unlikely but more complex than gen only registration.
- Changes: If a customer later chooses to establish an MP, the Asset registration can be transferred.



Telemetry / Metering Requirements in M+

- Entities should review and assess any gaps under the M+ Protocols (non-exhaustive list)
 - Appendix A: Meter Technical Protocols
 - Particularly Sections: A.7.1.3 Real-Time, A.7.4.1 General, and A.5.1 Requirements Applicability for Existing and New MP Metering Equipment
 - Appendix B: Settlement Metering Technical Protocols
 - Inter-Control Center Communications Protocol (ICCP) Online Submission Tool
 - Requirements for Non-Conforming Loads (NCLs):
 - M+ Protocols: Section 4.1.2.1.2 and Section 9.2.2
 - Requirements for Variable Energy Resources (VERS):
 - M+ Protocols: Data Requirements for Wind (4.1.2.3) and Data Requirements for Solar (4.1.2.5)
- Relevant for:
 - Planned Product
 - Independent Power Producers
 - Non-dedicated and Partially-Dedicated Generation

Agenda

- Definitions & Context
- Load Following Customers (Load & Gen)
- Planned Product & Other Customers (Load & Gen)
- **Market Participant Expectations**

Market Participant Expectations

Expectations for Market Participants – Planned Product, IPPs, LF with non-dedicated/partially dedicated gen

- Understand obligations (non-exhaustive list below):
 - Procure an RMS account, complete registration process and sign agreements with Market Operator (MO).
 - Define and submit Commercial Model information.
 - Identify Loads/Resources and fill out registration workbooks to provide detailed data to MO.
 - Register as WRAP participant (if responsible for load).
 - Register Congestion Rent Eligible TSRs (CRETSRs) with MO.
 - Understand metering/ telemetry requirements for load & resources (may require equipment upgrades).
 - Establish data connections with MO (including for outage data and connection to SPP's outage application, CROW).
 - Submit meter data to MO or assign meter data agent.
 - Submit load bids and resource offers.
 - Prepare to be assessed for Day-Ahead and Real-Time MOO.
 - Prepare to receive and process settlements.
- Align on operating model and understand implications:
 - Decide extent of independent activity versus leveraging 3rd party service providers.
 - Assess impact on people, process, systems, data during implementation phase and steady state.
 - Define a timeline / plan / budget and initiate work.

Subsequent Workshop Topics

- Expectations for “Asset Owners” under BPAP MP (commercial model term)
- Further considerations of NLSL framework from a WRAP perspective
- Commercial modeling for Transmission Customers
- LF Customer Transmission Rights, BPAP MP, and potential contractual changes
- Impacts to scheduling, settlement, and billing
- GHG Considerations for customers
- Linking to the network model



Questions?





EIM Exit



Key Considerations

If BPA decides to join Markets+, BPA would plan to exit EIM by October 1, 2027. The timeline balances several critical factors aimed at:

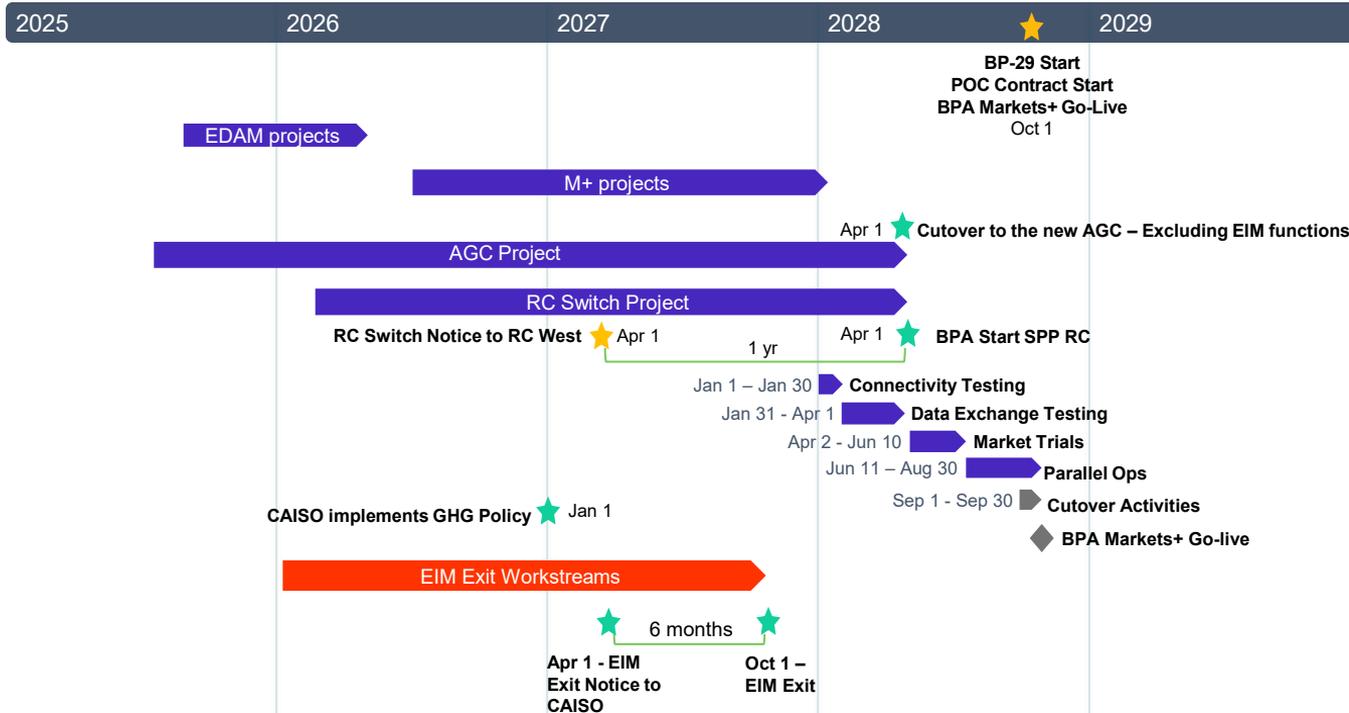
- **Focusing Staff on Markets+ Development:** This approach allows our dedicated staff to focus their time and resources on crucial Markets+ activities, including training, user acceptance testing, market simulations, and parallel operations, ultimately benefiting all users.
- **Minimizing Impact on Critical Transmission Projects:** We are committed to avoiding additional burdens on vital transmission projects, such as the RC switch and AGC upgrade, maintaining focus and resources to ensure their timely completion.
- **Minimizing Impact on Financial Opportunities and Operational Benefits:** Our decision aims to mitigate potential adverse impacts on financial opportunities and operational benefits, ensuring continued value for our customers.
- **Optimizing Resource Allocation:** By minimizing the overlap of multiple workstreams, we can optimize resource allocation and reduce potential conflicts, leading to more efficient project execution.
- **Allowing Sufficient Preparation Time:** This provides sufficient lead time for the completion of all necessary workstreams associated with the EIM exit, preventing rushed processes and potential errors.

Timeline Vulnerabilities and Risk Mitigation

We recognize potential factors that could influence our timeline and are actively working to mitigate these risks:

- **CAISO Readiness:** We are closely monitoring the FERC approval process and CAISO's Full Network Model update cycle, proactively engaging to address potential timeline shifts.
- **SPP Wave 1 & 2 Implementation Delays:** We are tracking the implementation schedules for SPP Waves 1 and 2 and developing contingency plans for any potential slippage.
- **Technical Complexities (AGC/RC and EIM Exit Projects):** We are dedicating extensive resources to address potential technical complications in AGC/RC initiatives and EIM exit projects through robust planning and testing.
- **GHG Policy/Rate Case Outcomes:** We are monitoring the outcomes of GHG policy or rate cases, which could potentially influence or even accelerate the timeline.
- **External Stakeholder Readiness:** We are committed to close collaboration with BPA customers and adjacent entities to ensure their readiness, developing joint plans to prevent delays due to insufficient preparedness.

Timeline



Next Steps - Collaborative Engagement and Planning

- **Present – April: Initial Engagement and Planning**
 - Initiate internal and external communication with key partners (CAISO, SPP, customers, agencies).
 - Develop milestones, timelines, budget estimates, and comprehensive resource plans for EIM exit implementation.
 - Integrate the EIM exit project into the broader M+ implementation plan to ensure synergy.
 - Assemble dedicated project to drive successful execution.
- **May - June: Policy, Development, and Early Coordination**
 - Develop requirements for all necessary system and procedural changes.
 - Initiate procurement processes for vendor development hours, if required.
 - Commence active engagement and coordination with customers and adjacent entities to ensure alignment and preparedness well in advance.
- **July 2026 – October 2027 (15 months): Execution and Transition**
 - Execute EIM exit projects with oversight, transparent communication, and continuous collaboration, ensuring a smooth and successful transition.



Questions?





Automatic Generation Control (AGC) Upgrade Update



Overview

- Significant changes are being made to the Automatic Generation Control System.
- Message shared June 2024:
 - Moratorium on changes to the AGC code
 - Minimum of 2 years to complete
 - Generation integration, new interchanges and Operations & Management (O&M) activities would be unaffected
- Subsequently, loss of key resources have created significant delays. Targeted completion is April 2028.

Primary Upgrade Drivers

- BPA's version of GE's AGC platform is no longer supported. Extended support ended November 2020.
- Existing AGC code needs to be redesigned to the new GE code base to re-establish vendor support.

Cause of Delays

- **Staff Impacts**
 - Loss of four key AGC programmers with over 80 years of combined experience
- **Remaining AGC staff must upgrade AGC while:**
 - Maintaining the existing AGC database for new interchanges and generation
 - Performing AGC related compliance and O&M activities

Market Participation

- In the context of the AGC upgrade and BPA's policy direction towards Markets+ participation:
 - BPA anticipates a major AGC overhaul during the upgrade.
 - BPA would plan to exit EIM on or before the completion of the upgrade
 - BPA is not coding EIM functionality during the AGC upgrade due to the complexity, sequencing of work, potential cost savings, and competing objectives.



Reliability Coordinator Services



Background

- At the February 10th Transmission Operations Workshop, BPA announced intent to transition from CAISO RC West to SPP RC services if it joins Markets+.
 - In line with policy decision to pursue Markets+
- BPA anticipates the RC transition no later than April 1, 2028.

RC Transition

- BPA is assessing RC transition work:
 - Analysis of SPP's RC technical specifications
 - Impacts on BPA's systems, process, our Customers and adjacent BA's:
 - Seams
 - Data sharing requirements
 - System Operating Limits (SOL) Methodology
 - Transmission Operator (TOP) Customers
 - Customer impacts with equipment in multiple BA's and RC's

RC Workstreams

Project
Governance

ICCP/SCADA/EMS

Full Network
Model

Outage
Management

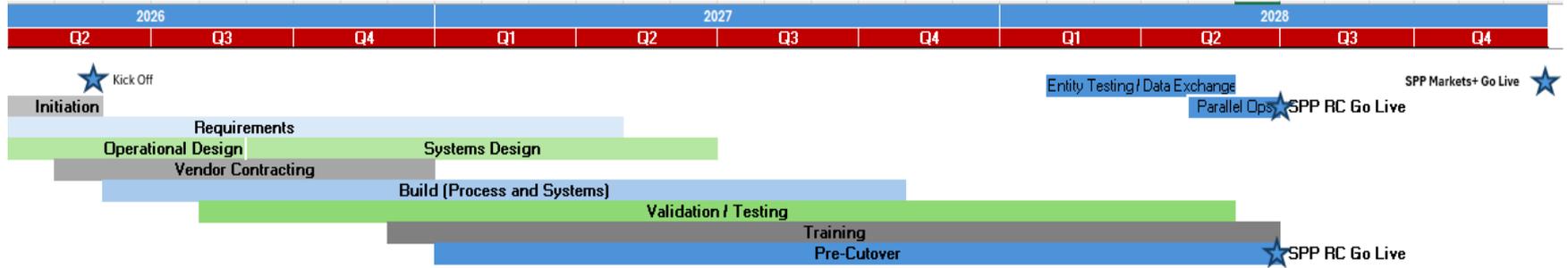
Reliability studies
& Reporting
Requirements

Operational
Technology

Procedures and
Compliance

Training

BPA Draft RC Timeline





BPA Timeline Updates



BPA Draft Decision to Join Markets+

On March 13, 2026, BPA will publish a draft Decision to join Markets+

- Contents of draft decision document:
 - Explanation of scoping activities undertaken over the past year
 - Rationale for timing of final decision
 - Topics addressed today are BPA's proposed action pursuant to the draft decision:
 - Markets+ BA Election to join market in Wave 2
 - Execute agreements with SPP
 - Take steps to exit EIM
 - Take steps to switch reliability coordinators
 - Negotiate amendment to Provider of Choice contracts

BPA Proposed Final Decision

Next Steps:

- The comment period ends April 3, 2026.
- BPA will consider and respond to written comments and publish a final decision, if one is made.



Questions?



How to Reach Us

- BPA encourages communication between workshops:
 - Comments on this presentation: How does the commercial model work for your specific situation? Do you have any outstanding questions?
 - What additional topics would you like to see covered at the next workshop?
- Communication preferences:
 - Please continue to contact the Markets+ team using: BPAMarketInitiatives@bpa.gov versus contacting your AE directly. Messages will be forwarded to the appropriate team members.
 - We will be posting all relevant presentations on our website: [Day-Ahead Market](#).
 - Also recommend direct outreach to SPP when BPA's M+ team cannot address a query; please keep us in CC (if appropriate).
- BPA will also be conducting outreach to customers on an as needed basis.
- Please submit all feedback for this public workshop by April 9, 2026.



Appendix



Markets+ Tariff and Protocols

MARKETS+



- Markets+.org
- Markets+ Training
- Join Markets+

Markets+ is more than just a day-ahead market offering. It's a bundle of services that will centralize day-ahead and real-time unit commitment and dispatch and pave the way for the reliable integration of a rapidly growing fleet of renewable generation.

Working together, we've developed a market design that goes beyond current imbalance market service offerings, enhances reliability, increases participant value, equitably compensates participants and incorporates their diverse perspectives.

The Markets+ program has entered Phase Two – Implementation. Potential participants are encouraged to submit an **RMS ticket** promptly to begin the registration and onboarding process. Indicating intent to participate by the following key registration deadlines is essential to ensure inclusion in the October 2027 go-live:

WESTERN SERVICES

- [Western Newsroom](#) >
- [Western Events](#)
- [Markets+](#)
 - Markets+ Initiative Requests
 - Join Markets+
- [RTD Expansion](#) >
- [Western Resource Adequacy Program](#)
- [Western RC Services](#) >
- [Western Interconnection Unscheduled Flow Mitigation Plan \(WIUFMP\)](#)
- [WEIS](#) >

RELATED DOCUMENTS

- [Help Guide: Get Involved in Markets+ on SPP.org](#)
- [Markets+ Service Offering](#)
- [Final Markets+ Tariff - April 18](#)
- [Exhibit 1 Phase 2 - 11.10.25](#)
- [Markets+ History & Phase One Participants](#)
- [Markets+ Protocols_Production](#)

RELATED DOCUMENT GROUPS

- [Markets+ Documents](#)

- **Link to M+ Homepage:**

- [Markets+ - Southwest Power Pool](#)

- Find resources for training, documentation for working groups and links to the tariff and protocols

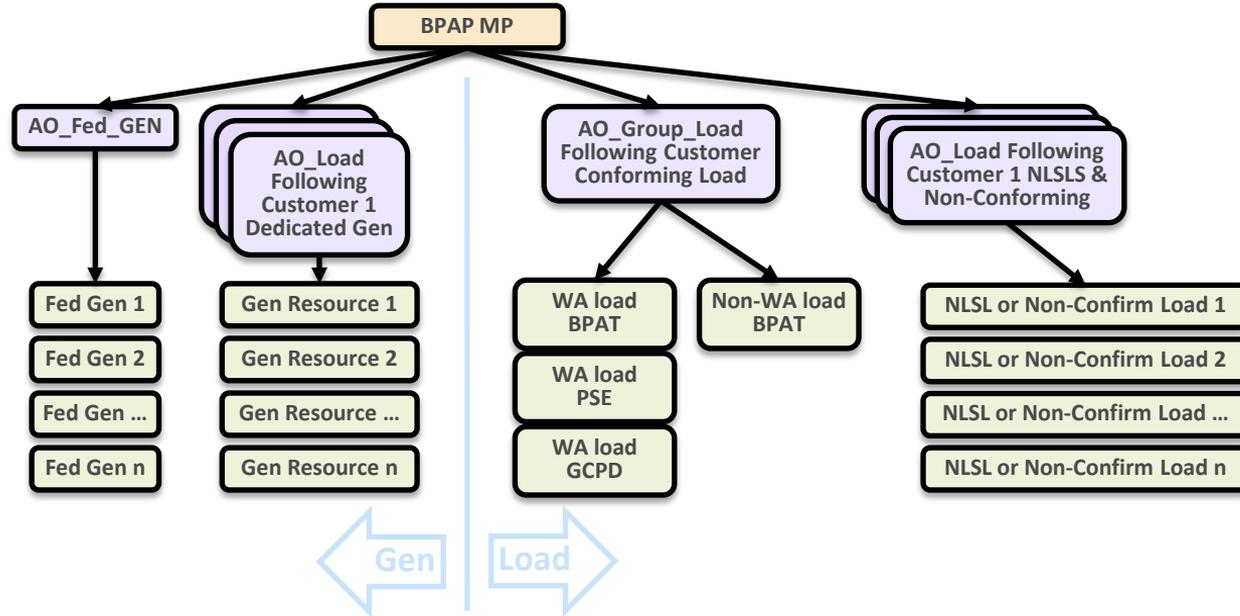
- **M+ Working Group and Task Force Calendar:**

- [Events - Southwest Power Pool](#)

Resource Owner Permissions

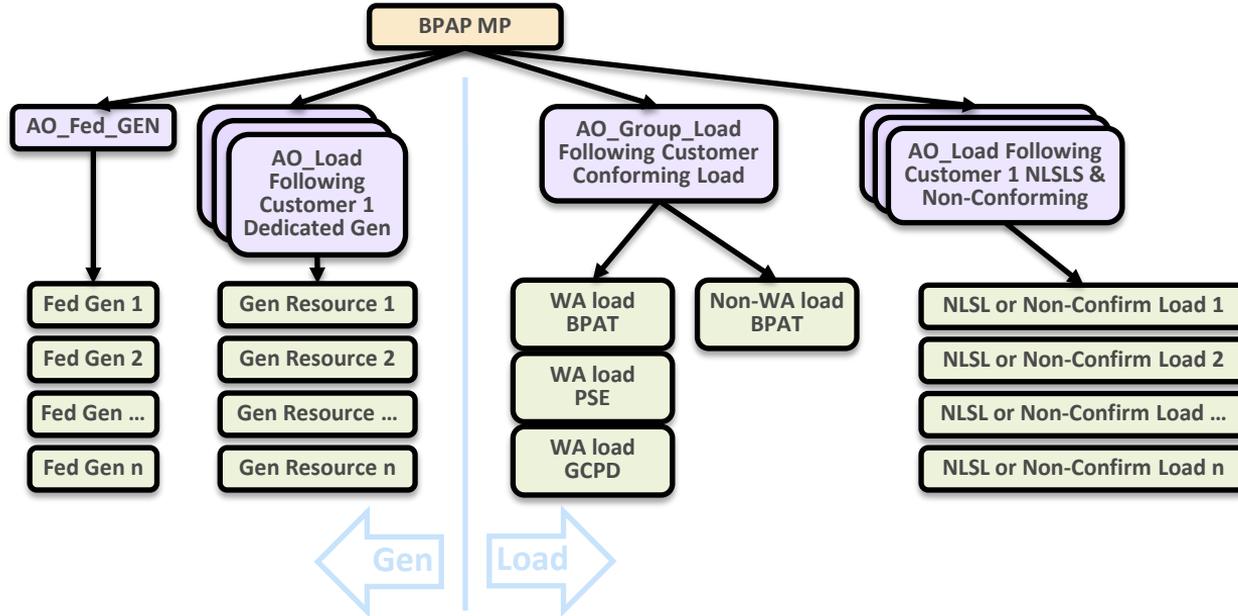
- BPAP expects to grant Asset Owners with dedicated resources Market User Interface (MUI) permissions to support resource offer submittals
 - There will be options if they cannot facilitate resource offers (mechanism of self-schedule, NDPR status).
- Additionally, AOs will have access to CROW (outage software)
 - CROW Outage Scheduler Web GUI Tutorial

BPAP Market Participant has 4 types of Asset Owners



NOTE: No load or gen outside the M+ footprint has been included in these slides

BPAP Market Participant has 4 types of Asset Owners

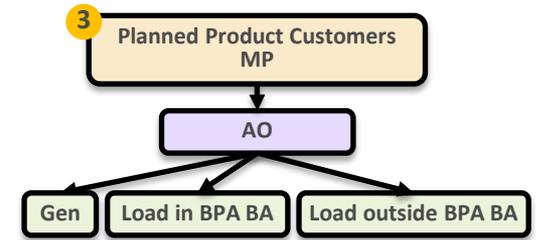
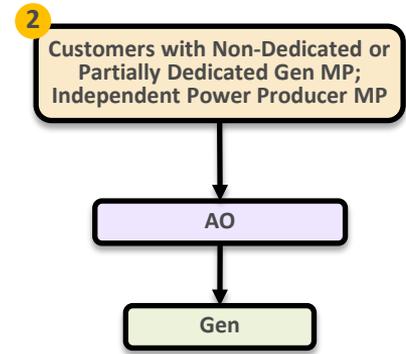
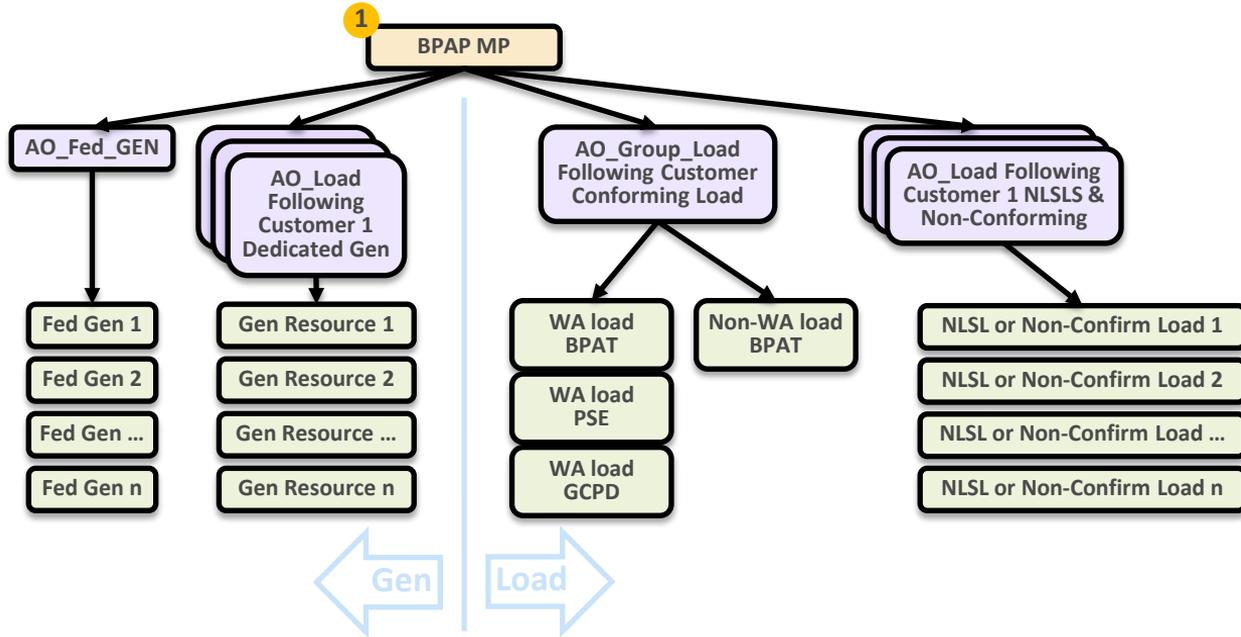


Market Participant Asset Owner

Gen or Load (maps to Settlement Location)

NOTE: No load or gen outside the M+ footprint has been included in these slides

Three Market Participant Types



Market Participant Asset Owner

Gen or Load (maps to Settlement Location)

NOTE: No load or gen outside the M+ footprint has been included in these slides