



Program Review Committee

March 15, 2022; 9-10am PT

Phone: 1 (669) 224-3412 Access Code: 579-203-685

<https://meet.goto.com/579203685>

Sector	Representatives (bold in attendance)
RAPC/Participant Investor-owned Utilities (IOUs)	Phil Haines (Sachi Begur as alternate) Camille Christen Lindsey Schlekeway Mike Goodenough
RAPC/Participant Publicly-owned utilities (POUs)	Barbara Cenalmor Ray Johnson
RAPC/Participant Retail Competition Load Responsible Entity (LRE)	Ian White Mark Smith
Federal Power Marketing Administration	Jeff Cook Rachel Dibble
Independent power producers/marketers	Andrew Sharer John Cooper
Public interest organizations	Robin Arnold Fred Huette
Retail customer advocacy group	Bela Vastag
Industrial customer advocacy group	Sommer Moser
Load Serving Entity (LSE) (or representative) with loads in the WRAP represented by another LRE and otherwise not eligible for any other sector	Chris Allen
COSR	Tammy Cordova

Meeting Objectives

1. Discuss full picture of design revision process developed
2. Look forward to 2023

Discussion Topics

- I. Agenda Overview
- II. WPP Housekeeping
 - a. Recording this meeting
 - i. *This meeting will be recorded and posted on WPP*
 - b. Switching to Zoom Webinar
 - i. *This will be the last GoTo PRC meeting*
 - ii. *If you would like to test Zoom Webinar with Maya, please send her an email*
- III. Business Practice Manuals
 - a. Review process
 - i. *Walked through slides*
 - ii. *Reviewing BPM 201 today, RAPC will discuss it next Thursday, then we will post it on the WPP website.*



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- b. Technology
 - i. *Review of how to make an account*
 - ii. *Demonstration of the commenting tool*
- c. Introduce BPM 201 – Operations Program Timeline
 - i. *Review of the BPM outline to set the stage for BPM 201*
 - ii. *Review of BPM 201*
 - iii. Action: set review timeline – *agreement for 2 weeks*

Business Practice Manuals – outline

Drafting timing designated by Q1, Q2, Q3, Q4 of 2023

100: FS

- 101 Advanced Assessment Q4
 - 101.1 Data Submittal
 - 101.2 Timeline
- 102 Reliability Metric Setting Q2
 - 102.1 Loss of Load Study
 - 102.1.a Subregions (*inc. load resource zones?*)
 - 102.1.b Treatment of Contingency Reserves
 - 102.1.c Treatment of transmission
 - 102.2 Planning Reserve Margin
- 103 Participant Forward Showing Capacity Requirement Q2
 - 103.1 P50 Peak Load
 - 103.1.a Exempting load
 - 103.2 Contingency Reserves Adjustment
 - 103.3 Receiving PRM of another subregion (via offering transmission)
- 104 Capacity Critical Hours Q3
- 105 Qualifying Resources Q1
 - 105.1 Resource Registration
 - 105.1.a Resource Aggregation
 - 105.1.b Generator Testing
 - 105.2 Qualifying Capacity Contribution of Resources
 - 105.2.a Thermal Resources
 - 105.2.b Wind Resources
 - 105.2.b.i Zones
 - 105.2.b.ii Allocation
 - 105.2.c Solar Resources
 - 105.2.c.i Zones
 - 105.2.c.ii Allocation
 - 105.2.d Energy Storage
 - 105.2.e Hybrid Facilities
 - 105.2.f Demand Response
 - 105.2.g Hydro Resources
 - 105.2.g.i Storage Hydro
 - 105.2.g.ii Run of River Hydro
 - 105.2.h Other Resources
- 106 Qualifying Contracts Q2
 - 106.1 Assigning QCC Values to Contracts

- 106.2 Legacy Contracts
- 106.3 RA Transfers
- 107 Forward Showing Deficiency Charge **Q4**
 - 107.1 CONE Value
 - 107.2 Calculating the Charge
 - 107.3 Exceptions for catastrophic failure
 - 107.4 Distribution of revenue
- 108 Forward Showing Submittal **Q1**
 - 108.1 Resource demonstration (+supporting info)
 - 108.2 Contracts demonstration (+supporting info)
 - 108.3 Transmission Demonstration
 - 108.3.a Exceptions
 - 108.4 Planned Outages
 - 108.5 Timeline (deadlines, cure, transmission exceptions)
- 109 Transition Period **Q4**
 - 109.1 Excused Transition Deficits
 - 109.2 Contracts for non-physical resources
- 200: Operations**
- 201 Operations Program Timeline **Q1**
 - 201.1 Multiday assessment
 - 201.2 Preschedule Day
 - 201.3 Operating Day
- 202 Participant Sharing Calculation Inputs **Q1**
 - 202.1 Inputs from Forward Showing Submittal
 - 202.1.a Updating inputs from forward showing submittal
 - 202.2 Load Forecast
 - 202.3 Contingency Reserves Forecast
 - 202.4 Variable Energy Resources
 - 202.4.a Wind Forecast
 - 202.4.b Solar Forecast
 - 202.5 Run of River Forecast
 - 202.6 Outages
 - 202.6.a Forced Outages
 - 202.6.b Maintenance Outages
 - 202.6.c Transmission Outages
 - 202.7 Transmission for regions without central hubs
 - 202.7.a Limits data
 - 202.7.b Path ranking
 - 202.8 After-the-fact actuals submission
- 203 Program Sharing Calculation Inputs **Q1**
 - 203.1 Uncertainty

- 203.2 Safety Margin
- 204 Holdback Requirement **Q2**
 - 204.1 Allocation of holdback to participants
 - 204.1.a Region with central hub
 - 204.1.b Region without central hub (*SWEDE*)
 - 204.2 Opt-in for holdback
 - 204.2.a Release of not-needed holdback on preschedule day
 - 204.3 Bilateral exchange of holdback
 - 204.4 Voluntary offers
 - 204.4.a Capacity/energy
 - 204.4.b Transmission
 - 204.5 Early release of holdback
 - 204.5.a Program early release of holdback
 - 204.5.b Participant petition for early release of holdback
- 205 Energy Deployment **Q2**
 - 205.1 Confirmation of energy deployment needed
 - 205.2 Bilateral exchange of energy deployment
 - 205.3 Tagging and scheduling
 - 205.3.a Transmission requirements
 - 205.4 Unfulfilled energy needs
 - 205.5 After-the-fact energy deployment actuals
- 206 Energy Settlement **Q3**
 - 206.1 Posting of settlement quantities and prices
 - 206.2 Applicable price indices
- 207 Credit [*Reserved*] **Q3**
- 208 Energy Delivery Failure Charge **Q4**
 - 208.1 Notification
 - 208.2 Calculation of Charge
 - 208.2.a Upper limit of charge
 - 208.3 Waivers
 - 208.3.a Appeals of denied waiver requests
- 209 Transition Period **Q4**
 - 209.1 Access to remaining voluntary capacity

300: Stakeholder Process

PLACEHOLDER

BPM DRAFTING AND REVIEW

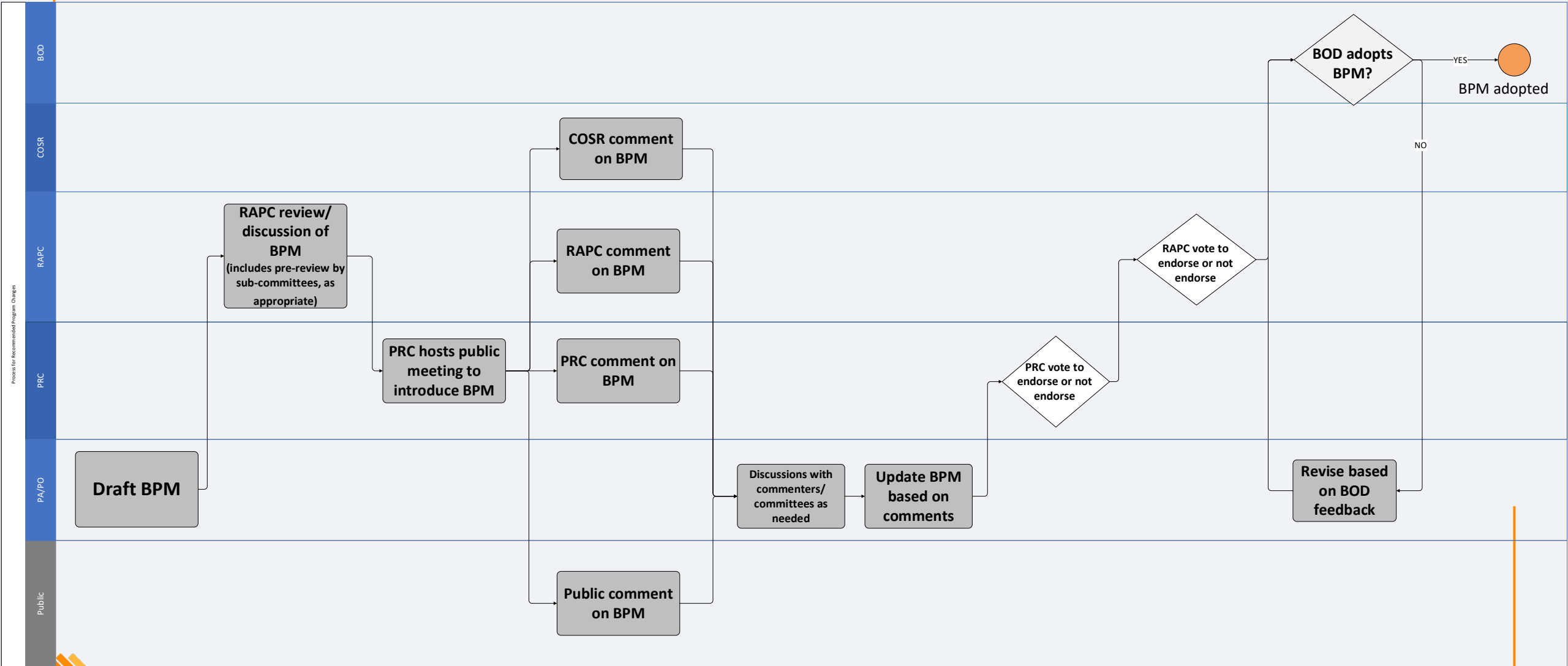
» Principles:

- Adhere as much as is reasonable to the Tariff with respect to PRC and COSR's responsibilities and authorities, recognizing the tariff speaks only to *changes*
- Ensure BPMs will be promptly and efficiently drafted and adopted, as they're essential to implementing the program and participant experience in the non-binding seasons

» Departures from future PRC process for proposed changes:

- Drafting will be the responsibility of the PA/PO (vs. of PRC task forces)
- Comments/reviews will mostly happen in parallel (vs. in series, committee by committee)
- BPMs (which clarify Tariff requirements) cannot 'die' – they do eventually need to be put in front of the board for consideration (unlike proposed changes, which can optionally fall off without support)

Business Practice Manual Review



Process for Recommended Program Changes