

# 15-Minute Scheduling

February 27, 2014



# Session 2 Agenda

Time	Topic	Presenter
10:00	Introduction	Will Rimmer
10:05	Congestion Management <ul style="list-style-type: none"> <li>- Schedule v Reservation Curtailment</li> <li>- NT Redispatch</li> <li>- Curtailment Horizons (WECC TF Recommendations)</li> </ul>	BPA Team
11:00	Mid-Term Rate Election	Chris Gilbert
11:15	15-min Scheduling Business Practices <ul style="list-style-type: none"> <li>- EI/GI</li> <li>- Persistent Deviation</li> <li>- Failure to Comply</li> <li>- Other BP changes (when will they see them when will comment periods open)</li> </ul>	Chris Gilbert
11:45	Questions	BPA Team
11:55	Closing Comments	Will Rimmer



# Introduction

- Today's focus is on congestion management, rate election, and business practice changes.
- Open questions from last webinar
  - WECC Task Force Recommendations
  - NT Redispatch
  - Failure to Comply Business Practices
- Follow up from today will be through Techforum, CBPI calls, and possibly a third webinar.

# Congestion Management

## Flowgate Curtailments

- Next interval curtailments
  - To be expanded to all flowgates.
  - Pro-rata and schedule-based
  - Trigger is when next interval forecasted flows exceed the next interval System Operating Limit (SOL).
- Within-interval curtailments
  - Pro-rata, schedule-based
  - Trigger is when actual flows exceed the SOL.

## External Path Curtailments

- NERC priority will be preserved through preemption (not first come, first served)
- Next hour curtailments
  - Pro-rata since January 2014.
  - Schedule-based once 15-minute scheduling goes live.
  - Trigger is when next-hour schedules exceed the next hour SOL.
- In-hour curtailments
  - Pro-rata
  - Schedule-based
  - Trigger is when actual flows exceed the SOL.



# 15-minute Curtailments

- BPA is evaluating whether to curtail all scheduling intervals in the upcoming hour or only closed intervals (15-minute blocks). We are evaluating with respect to process and compliance.
- Curtailing all scheduling intervals in the upcoming hour
  - Aligns with WECC Task Force Recommendation.
  - May result in subsequent curtailments/reloads if conditions change
- Curtailing closed intervals
  - Ensures curtailments are done in curtailment priority order.
  - Less likely to cut intervals unnecessarily or deeper than necessary.
  - Lessens likelihood of multiple curtailments.
  - Ensures curtailments are done pro-rata for all schedules in the closed interval.

# Mid-Term Rate Election

- BPA will offer two 15-minute committed scheduling rates for VERBS starting 10/1/14
- Elections for Committed 15 MS Due 4/4/14
  - VERBS Rates for Committed 40/15 and 30/15
  - Rates effective 10/1/14 for remainder of current rate period
  - Exempt from Persistent Deviation
  - Committed 30/15 schedulers do not pay the 10% penalty charge for Imbalances within Deviation Band 2
- Customers can schedule on 15 min intervals even if not participating in committed scheduling.

# Business Practice Changes

## ■ EI/GI/PD

- 2014 ACS Rate Schedule for EI/GI
  - Accounting for hourly schedules will be on an hourly basis, and accounting for intra-hour schedules will be on the same basis as the intra-hour scheduling period.
- Charged at the shortest scheduling interval requested during the hour. For example:
  - One 30 minute schedule requested for the hour means EI/GI/PD will be assessed on TWO thirty minute intervals
  - Two 15 minute schedules requested for the hour means EI/GI/PD will be assessed on FOUR 15 minute intervals
  - One 15 minute schedules requested for the hour means EI/GI/PD will be assessed on FOUR 15 minute intervals

# Business Practice Changes

- Other Business Practices Under Review
  - Committed Scheduling
    - Add performance metrics for 15 MS
  - Operating Reserves
    - No identified changes for 15 MS
    - Will review 15 MS requirements while working on WECC BAL-002 changes
  - Failure to Comply
    - Needs further review
  - CAISO Intra-Hour Pilot
    - Eliminated once full CAISO 15 MS implemented
  - Intra-Hour Scheduling
    - Needs further review

# Business Practice Changes

- Process for 15 MS Business Practice Changes
  - BP's will be released late summer
  - Normal Customer Comment period (20 Business Days)
  - Normal Response and Posting Periods

# Questions?