

# Generation Forecasts

IRO-010 requirements for Generation  
within BPA's Balancing Authority



# Agenda

- Introduction
- How does this impact BPA?
- What Forecasted Generation data is required?

# Introduction

- Linda Hofmann, TOII
  - System Operations – Project Manager
- A number of new and revised NERC Reliability standards are driving changes for the industry.
- Peak's current Data Specification requires Generation Forecast information

# What is driving changes?

- IRO-010 standard allows the Reliability Coordinator to request data
- Peak's Data Request requires forecasted generation within BPA Balancing Authority (BA)

# How does this impact BPA?

- Non-Federal Generators in BPA's BA can enter forecast information in OATi CDE
  - Estimated implementation - 2/7/17
  - CDE & Scheduling Business Practices are being updated

# Generation Forecast Data

- Forecasted generation
  - Minimum expected generation
  - Maximum expected generation
  - Unit dispatch (whether the unit is on/off)
- Frequency
  - Hourly data up to 168 rolling hours (7 days)
    - Next four hours
    - Next four business days

# Who is responsible for providing forecasted generation?

- Generation Owner or Generation Operator is responsible for:
  - Ensuring their data is being provided either directly or through their Balancing Authority(BA) to Peak
  - Accuracy
  - Ensuring that is submitted
- Power Services is providing Federal generation

# When will CDE be able to accept Generation Information?

- 2/7/17 – Customers will be able to submit Generation Forecast Data
  - All days will need to be populated on 2/7/17
  - On 2/8/17, day +6 will auto-populate day +7
  - Customers can overwrite data to accurately reflect their forecast

# Why is BPA involved?

- As a BA, we currently provide similar service to submit Generation estimates
- Peak would like the data to come from one source rather than each individual generator

# Questions?

