

# Reliability Coordinator Services

BPA Customer Meeting

January 25, 2018

1:00 – 2:30 p.m.



# Today's Topics

- Welcome and introductions
- What is a Reliability Coordinator (RC)?
- The changing landscape
- Objectives for the future:
  - Maintain reliability
  - Contain costs impacts to customers
- Options
- Questions to raise (Discussion)
- Coordination and next-step discussions
- Adjourn

# What is an RC?

- Every BA or TOP must have an RC
- PEAK provides RC Services in the vast majority of the Western Interconnection:
  - PEAK's RC area includes 14 western states, British Columbia, and northern portion of Mexico
  - PEAK does not provide RC services to Alberta
- RC Services include:
  - Performs operational real-time operational analysis
  - Provides situational awareness, real-time monitoring and analysis
- Issues operating instructions to BAs, TOPs
- GOs, DPs maintain reliability
- Data specifications
- SOL Methodology
- Peak Outage Coordination Process
- Establish Reliability processes and procedures



# Changing Landscape (MWTG)

- Summer 2017, Mountain West Transmission Group (MWTG) indicated it was exploring services with Southwest Power Pool (SPP) that may include RC services
- Mountain West Transmission Group may withdraw from Peak Reliability
  - Issued a press release on Sept. 22, 2017, about a Letter of Intent (LOI) with Southwest Power Pool (SPP) to proceed to negotiate for SPP regional transmission organization membership
  - Latest estimates are market start in fall of 2019
  - MWTG represents 9% of Peak's funding

# Changing Landscape (Peak-PJM Connex)

- Dec. 8, 2017, Peak RC announced partnership with PJM Connex to review a possible organized market and design of the western power grid including RC services

# Changing Landscape (CAISO)

- Jan. 2, 2018, California Independent System Operation (CAISO) announced withdrawal as a funding party for RC services from Peak and that it would begin offering RC services in September 2019:
  - CAISO announced an outreach that would run from January through March 2018 with outside BAs and TOPs (who have an interest in receiving RC services)
  - CASIO would also conduct a five- to six-month stakeholder process that would begin in January 2018
- Represents 31.5% of Peak's funding
- CAISO will:
  - Conduct a stakeholder process with interested stakeholders
  - Form its own Reliability Coordinator (RC) services
  - Seek NERC certification and go operational by spring of 2019
  - Offers core RC service to other BAs and TOPs
- Rates/Terms of the RC service would need go through a stakeholder process and would need FERC approval

# Changing Landscape – Meetings

- Meetings:
  - 1/16 10-11:30 a.m. – Peak presentation to the region on PJM Connex partnership
  - 1/17-1/19 – CAISO regional meetings presenting CAISO RC (1/19 in Portland)
  - 1/25 1-2:30 p.m. – BPA Customer Meeting to inform customers of discussions around RC Services
  - 2/6-7 Peak Board and Member Advisory Committee (MAC) meetings

# Changing Landscape

- Funding Parties generally agreed to talking points on Peak RC's [website](#)



# Objectives for Future Discussions

- Maintain reliability
- Contain cost impacts

# Maintain Reliability Discussions

- Assure NW WA Interconnection Reliability Operating Limit (IROL) area coordination
- Minimize seams or Swiss cheese in the NW
- Have an RC that has a wide-area view across as much of the Interconnection as possible
- Maintain coordination of Interconnection-Wide tools

# Contain Cost Impacts Discussions

- Ensure future reliability coordination services are cost-effective
- Ensure cost-containment is not detrimental to reliability
- How will ongoing RC costs be determined?
- Does there need to be a change in the RC cost methodology?

# Other Points of Discussion

- Ensure governance structure provides:
  - Opportunity for input
  - Transparency
  - Independence
- Timeline for decision making

# Current Options

- Peak with PJM Connex Partnership
- Stand Alone Peak
- CAISO
- SPP

# Types of Questions to Raise?

- Cost structure
- Services
- Processes
- Governance and Policies
- Technical (Systems Tools and Processes)
- Timelines

# Questions and Next Steps