

# Transmission Joint Operating Committee Meeting

## RC & Outage Coordination Updates

February 21, 2019

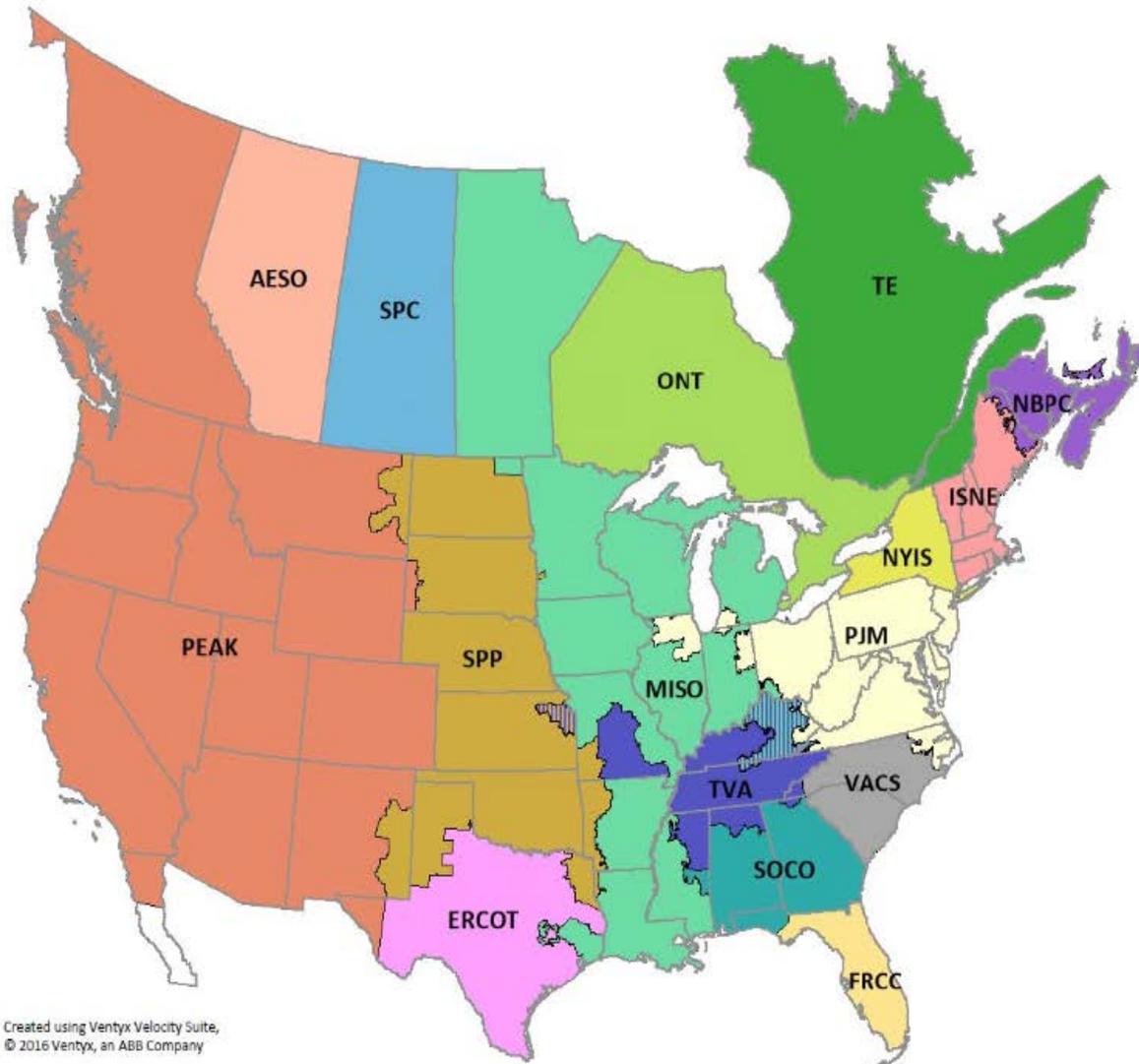


# Agenda

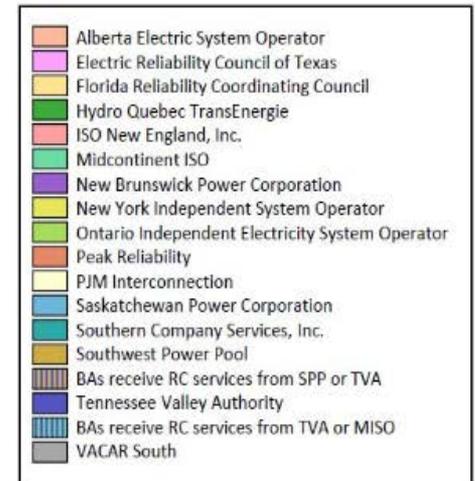
- Transition to CAISO RC
- CAISO RC Outage Coordination Impacts



# RC Map - June 2015



## NERC Reliability Coordinators As of June 1, 2015



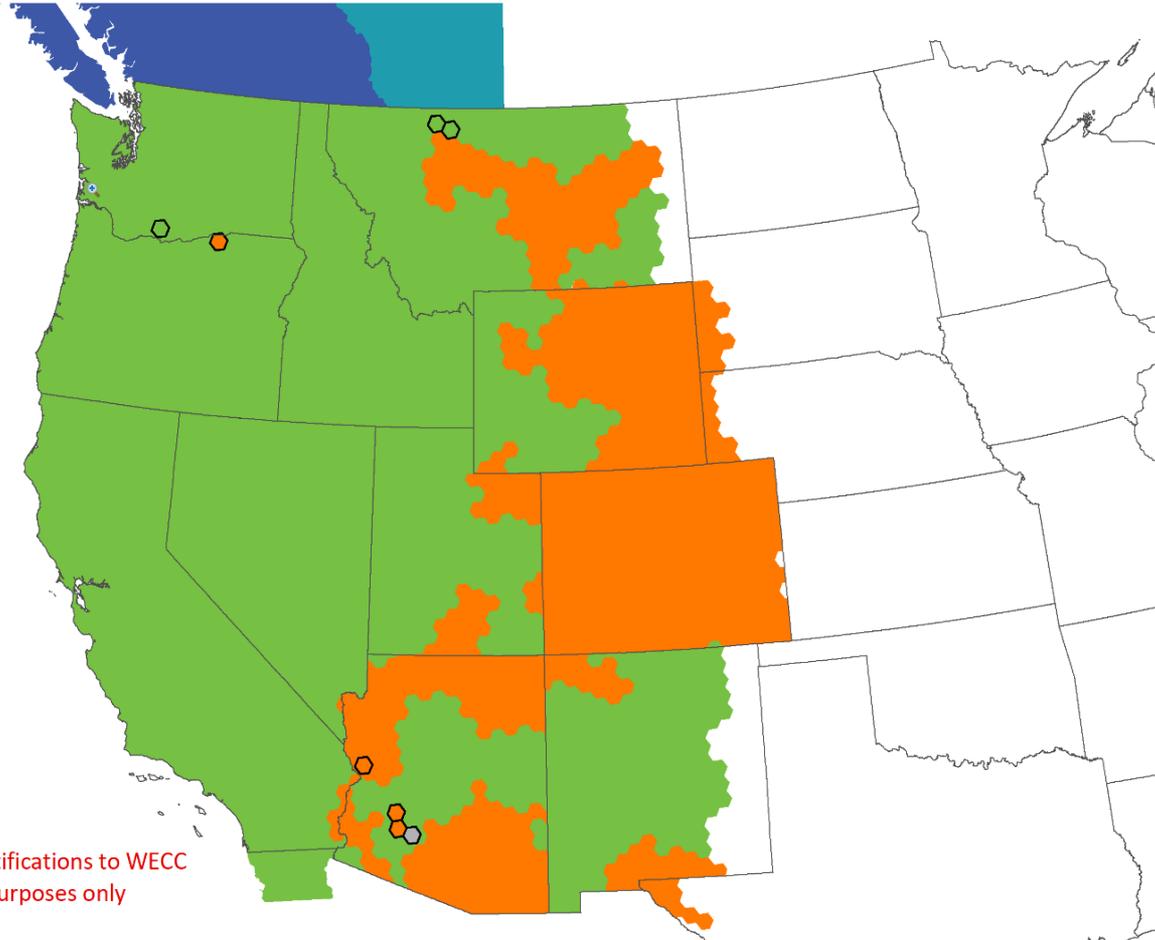
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# WECC RC Map – October 2018

Non-binding  
RC Footprints  
as of: 10/23/2018

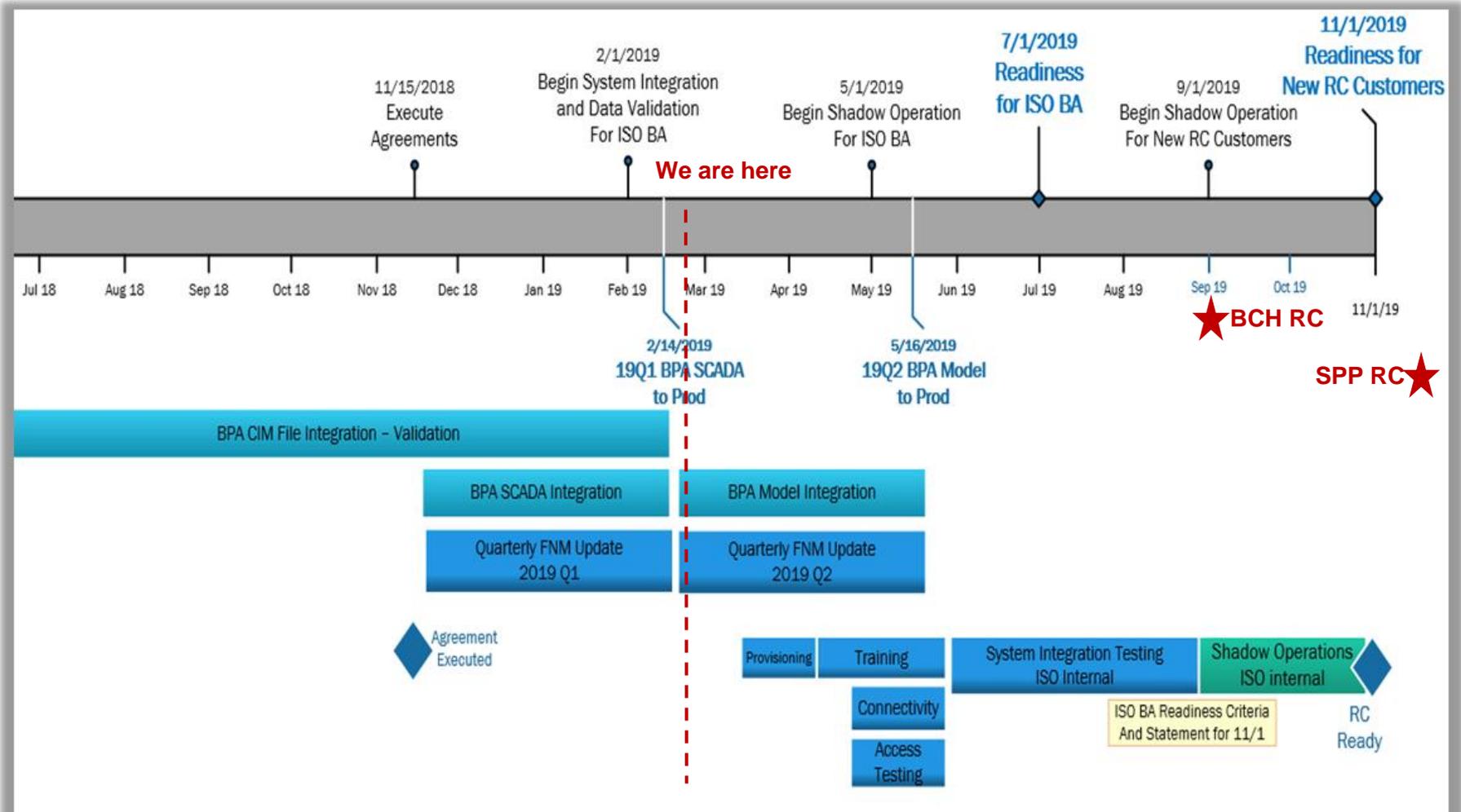
BA - RC Mapping

-  CAISO RC
-  SPP RC
-  AESO RC
-  BCH RC
-  Undeclared RC
-  Gen-Only BAs



Based on draft, non-binding notifications to WECC  
Boundaries are for illustrative purposes only

# RC Implementation Timeline



# Outage Coordination Changes

Changes to Outage Coordination processes fall into two categories:



Timelines



Data submission requirements

# Timelines

Aligning BPA and CAISO outage terminology:

- Long-range
- Mid-range
- Short-range

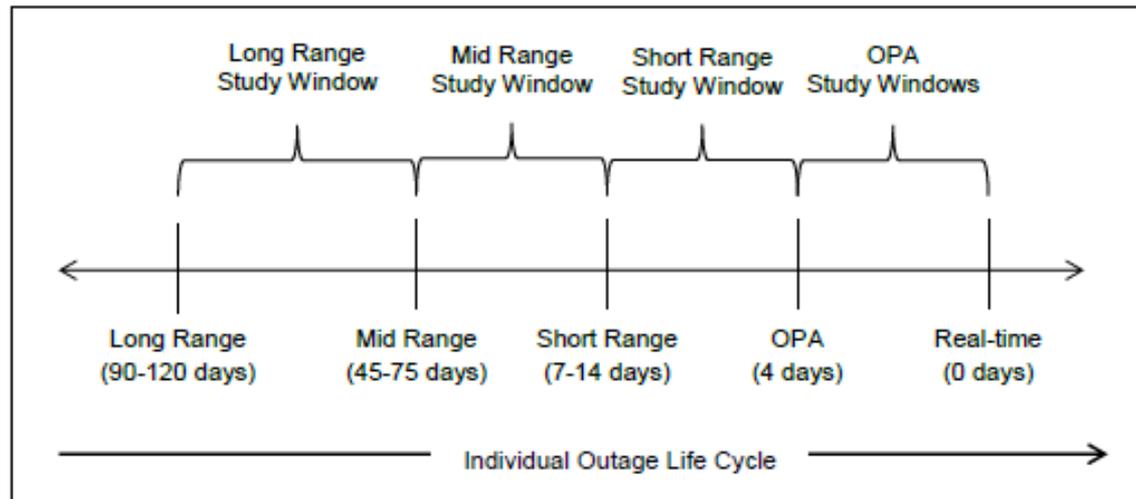
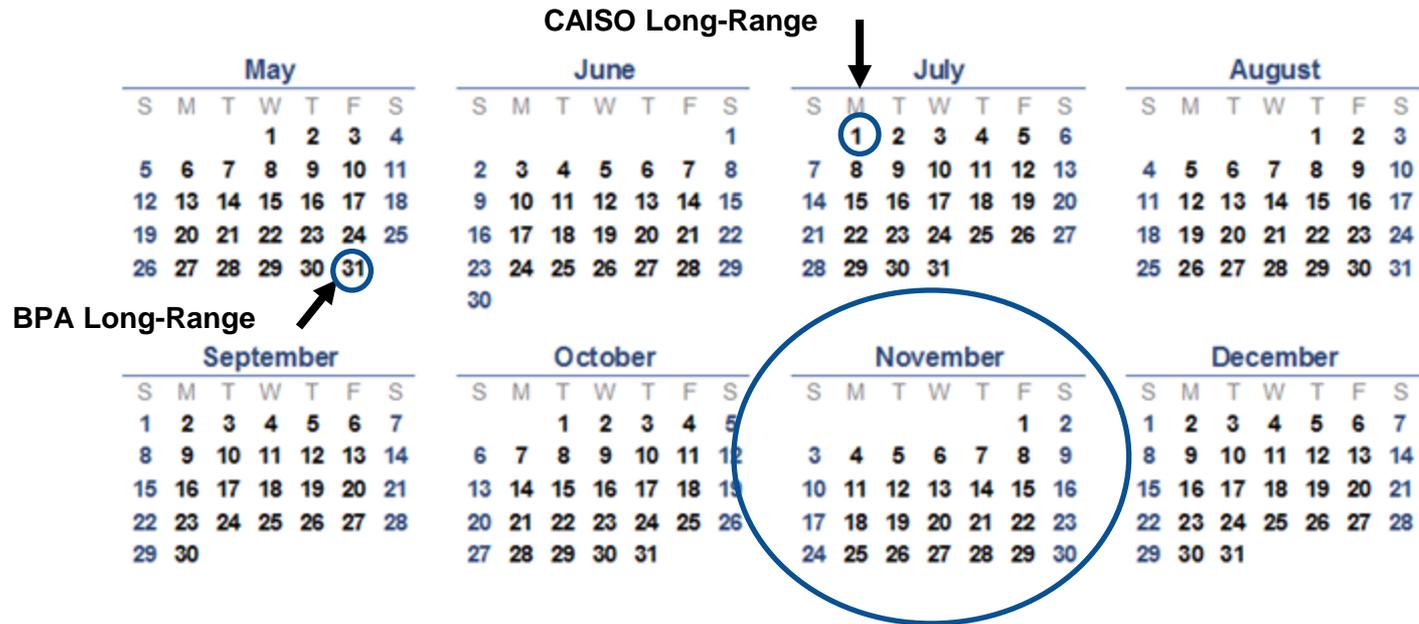


Figure 1: Outage Lifecycle

# Timelines – Long Range

BPA's Continuous Outage Analysis (COA) will align with CAISO's Long-range process



# Timelines – Mid-Range

- BPA will need to change its 45 day process to align with CAISO’s process
- Outages in Mid-range are due approx. 2 months prior to the outage month
- Mid-range change to align will be implemented this May
  - Due date for August outages will be May 31



# Timelines – Short-Range

For Generation – no change from current 21 Day and 14 Day processes

## Short-range submittal to BPA

### BPA Short-Range



# Data Submission Requirements

- Estimated time to restore: This is a required field for CAISO.
  - *Exploring this requirement with CAISO*
- Unit outages must be submitted if the unit is unavailable.
  - *Exploring this requirement with CAISO*
- Derates as separate requests: Currently some transmission outages are submitted with derates.
  - *Exploring this requirement with CAISO*

# Data Submission Requirements

## Outage Types

### Peak

Forced Automatic

Forced Emergency

Urgent

Operational Transmission

Planned

Opportunity

Informational

### CAISO

*Forced*

Urgent

*Operational*

Planned

Opportunity

Informational

# Data Submission Requirements

## Outage States

Peak (BA/TOP controlled)	Peak (RC Controlled)
BA Preliminary	Total of 17 more States controlled by RC, but different states had the timeframe included
TOP Preliminary	
BA Proposed	
TOP Proposed	
BA Confirmed	
TOP Confirmed	
BA/TOP Confirmed	

CAISO (BA/TOP controlled)	CAISO (RC Controlled)
Submitted	RC Approved
Confirmed	Conflicts Identified
Cancelled	Denied
	Implemented
	Completed

# Up Next

When: March 7, 2019  
Time: 1:00 p.m. – 2:30 p.m.  
Where: WebEx Only

Please check prior to the meeting for updates  
[BPA Events Page](#)

# Questions?

