



California ISO

Reliability Coordinator West Oversight Committee

Public Session

October 23, 2019

9:00 a.m. – 10:00 a.m. PDT

Agenda

Time:	Topic:	Presenter:
9:00 – 9:05	Welcome/agenda	Kristina Osborne – CAISO
9:05 – 9:10	Roll call	Michelle Cathcart - Chair
9:10 – 9:15	Discussion: 2020 committee meetings <ul style="list-style-type: none"> • Schedule and frequency 	Members
9:15 – 9:20	Decision: Peak Reliability Coordinator Resolution	Members
9:20 – 9:25	Election: Interim Vice Chair	Members
9:25 – 9:35	Update: Customer Onboarding <ul style="list-style-type: none"> • November customers • Readiness criteria 	Joanne Alai – CAISO
9:35 – 9:45	Update: RC Operations <ul style="list-style-type: none"> • Communicating to entities with multiple control centers • Daily Northwest conference call • Shadow operations 	Tim Beach – RC West Nancy Traweek - CAISO
9:45 – 9:55	Update: Technology <ul style="list-style-type: none"> • Network modeling submission timeline • HANA implementation 	Khaled Abdul Rahman -CAISO
9:55 – 10:00	Future agenda items	Members
	Public comment	
	Public session adjourns	

Discussion: 2020 Committee Meetings

Decision: Peak Reliability Coordinator Resolution

Resolution - Peak Reliability Coordinator

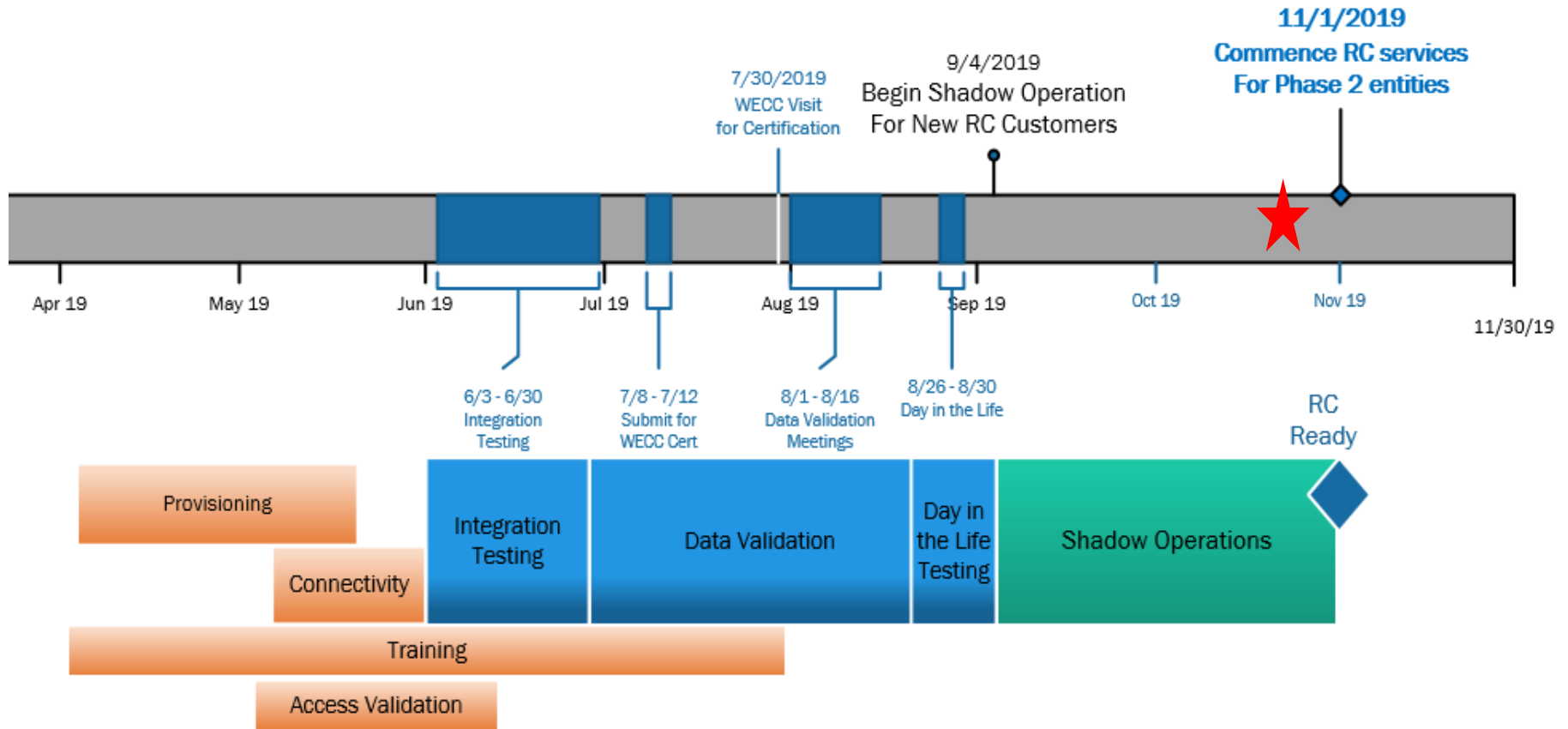
- WHEREAS, Peak Reliability (and its predecessor, WECC) has faithfully acted as the highest level of authority responsible for the reliable operation of the Bulk Electric System in the Western Interconnection for more than 10 years,
- WHEREAS, Peak Reliability has been an essential partner in the transition of Reliability Coordinator Services to RC West, and
- WHEREAS, Peak Reliability has continuously demonstrated its commitment to reliability,
- RESOLVED, the RC West Oversight Committee formally recognizes Peak Reliability and its staff for the professional and thorough support of the transition of RC Services to RC West and the continued dedication to the reliability of the Western Interconnection. Thank you for “assuring the wide area view”!

Election: Interim Vice Chair

Update: Customer Onboarding

Joanne Alai
RC Project Manager

RC Participant Onboarding Timeline – Phase 2



RC Onboarding is on track

Readiness Criteria	Readiness Category	Timeframe	November Customers		Comment
			Status	% complete	
1	Agreements / Approvals	1 Contract Readiness	Complete	100%	
2	Network Model Integration	2 Testing Preparation	Complete	100%	
3	Operating Procedures	2 Testing Preparation	Complete	100%	
4	Operating Guides	2 Testing Preparation	Complete	100%	
5	Messaging	3 Customer Testing	Complete	100%	
6	RC Customer Integration	3 Customer Testing	Complete	100%	
7	Shadow Operations	4 Shadow Operations	On Track	85%	Shadow Ops continues in Production environment
8	Executive Statement	4 Shadow Operations	Complete	100%	

Onboarding checklist 98% complete – RC West work on WDSP and Geo Coordinates to complete before 11/1.

Key Transition Dates

- **October 2019**
 - ✓ 10/1 Executive statements due
 - ✓ 10/1 Production HANA Visualization and Study
 - ✓ 10/1 RC West takes lead on Shadow Operations
 - ✓ 10/3 NERC/WECC Shadow Ops visit
 - ✓ 10/14 Customers begin submitting in Production
 - 10/25 Western Data Sharing Pool (WDSP) available
 - 10/28-10/31 Stage environment closes.
 - 10/31 (10:39pm PT) Peak discontinues WIT service (10/31 11:59 MT, 11/1 12:59 CT)
 - 10/31 (11:00pm PT) Transfers WIT service to RC West (11/1 12:00 MT, 11/1 01:00 CT)
- **November 2019**
 - **11/1 RC West is RC of Record for expanded footprint**
 - 11/21 Next Network Model update
- **December 2019**
 - 12/3 Peak shut down (including HAA, EHV Data Pool)

November 1 Go-Live

- November customers are now submitting data into RC West production environment on 10/14.
- RC West team reaching out to resolve submission issues.
 - Load Forecast (ALFS)
 - Gen Forecast (RC BSAP, BSAP)
 - Outages (webOMS)
 - Path Limits – (PLC)
 - Messaging (GMS) – access validation only

Readiness Criteria – for November 1

- 24 of 27 Readiness Criteria are Complete
- 2 Readiness Criteria are on Track for 11/1 – waiting on completion of Shadow Operations and Data Exchange validation
- 1 Readiness Criteria is in Caution as the WIT and ECC agreement being finalized

Update: RC Operations

Tim Beach
Director, RC West Operations

Nancy Traweek
Executive Director, System Operations

Communicating to Entities with Multiple Control Centers

- GMS
 - Entities with multiple control centers
 - GMS messages can be addressed to specific control center if needed.
 - Each control center will be responsible for acknowledging messages
- Blast call
 - Multiple control centers

Daily Conference Call - Northwest

- Oct 1st started the NW daily conference call
 - Held at 0300
- **Provide** a brief summary of anticipated significant system conditions with potential impact to the region:
 - IROL and Path (Stability) limitations/outages
 - Major transmission, Generation and RAS outages potential impacts to multiple entities in the region
 - Facility limit changes
 - Adverse weather or system conditions
 - Outage changes identified in nightly outage review

Shadow Operations

- Communications
- Spot Checks
 - Scada Limits
 - Manraps
 - Data checks (Paths, Interties, IROL cut-planes, Gen units, 500kV, line flows, etc)
 - Interpersonal communications
- Nightly outage review
- RTCA

Update: Technology

Khaled Abdul-Rahman

Executive Director, Power Systems & Smart Grid Technology Development

Network Modeling Submission Update

- Streamline NM build process to align with requirement for more frequent NM update
- New Network Modeling Tool using Enterprise Model Management System (EMMS) is available after new EMS cut-over
- DB93 is the first NM build that is using EMMS
- ISO is in process of measuring the time each task takes and will develop submission timeline

Western Data Sharing Pool Update

- ISO established ICCP links to all RC West customers, and RC-to-RC communication, and NERC situation awareness
- Incoming ICCP data is done.
- Outgoing ICCP is in progress using Peak's Readers list
- BPA: requested 20,858 points. Made available 20,607, 251 unmatched points mostly in SPP area
- SPP: ISO is sending 65,705 points. SPP requested (10/21/19) adding~35K and removing~24K, will complete by end of next week
- AESO: requested 780 points, will complete by end of this week
- NERC: 134 BAA level points are available, requesting~7000 unit level points by end of this week.

HANA Implementation Update

- HANA base and HANA Study links are available to RC customers
- Application Availability Alarm via ICCP binary data point (RTCA, HANA RT)
- Planned maintenance or patching will be announced via GMS
- Thermal violations ICCP alarm at a TOP level (violations exist)
- Voltage violations ICCP alarm at a TOP level (violations exist)

Future Agenda Items

- Determine agenda topics for next public session on November 19, 2019 (in-person/webinar).

Note: Stakeholders can submit agenda topic suggestions for upcoming meetings. Submit to <https://www.surveymonkey.com/r/RCWOCaAgenda> at least two weeks prior to the next public meeting. Topics may or may not be discussed.

Public Comment

Public Session Adjourned