

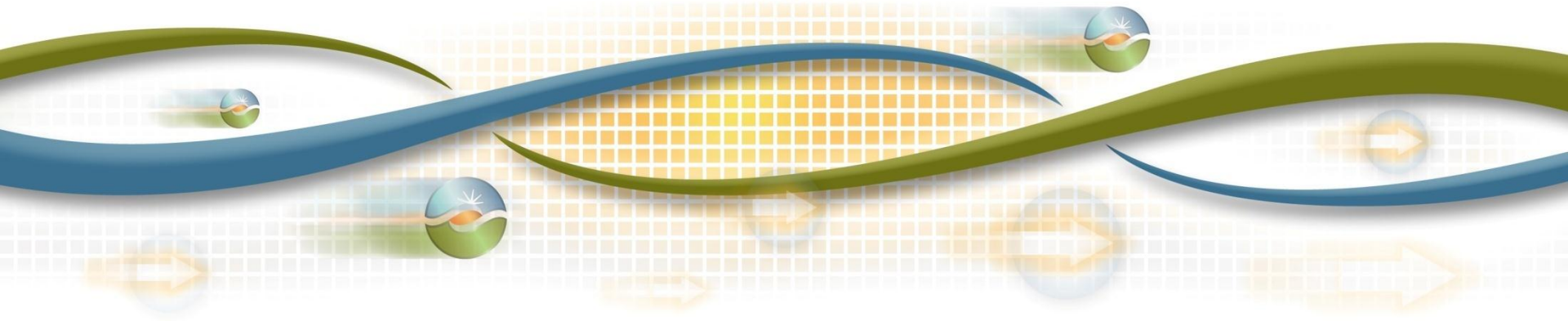


California ISO
Shaping a Renewed Future

Briefing on EIM Implementation

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EIM Transitional Committee meeting – General Session
October 23, 2014



EIM implementation is on schedule

- EIM parallel production started on October 1 with 24x7 operation
- Full network model expansion deployed on October 15
- Two of four planned settlements statements have been posted and the remaining two are on track
- Market results will be made available to all market participants via OASIS starting on October 25
- The base schedule aggregation portal will open for October 25 as the start of full production deployment
- EIM full production (binding) deployment is on track for November 1

All EIM system interfaces are functioning in parallel production.

- PacifiCorp is submitting base schedules and the balance is being tested
- PacifiCorp is submitting economic bids, real-time interchange schedules and dynamic limits
- PacifiCorp is submitting outages via the new Outage Management System
- PacifiCorp Operators are using the real-time displays
- PacifiCorp is receiving dispatch signals and market results
- Interfaces with BPA are functioning
- FERC issued an order that denies all requests for rehearing and accepts the ISO's compliance filing

The ISO and PacifiCorp are closely monitoring EIM parallel production.

- Two joint tracks are monitoring parallel production
 - Full network model accuracy
 - Market analysis
- A few issues have been identified and resolved during parallel production
 - Differences in calculations between software modules
 - Modeling of specific resources
 - Allocation of a partially owned resource

ISO and PacifiCorp go-live support coordination

- A robust go-live support plan is defined for the transition from parallel production to full production
 - System Operations Center
 - Technology Center
 - Customer Support Center
 - Joint Information Center
- ISO and PacifiCorp staff will be onsite during starting October 31 through November 3
- The support plan also planned for the day light savings time change which occurs on November 2

NV Energy implementation is underway with four tracks.

- Project Management Track
- Policy, Legal and Support Track
- Project Delivery Track
- Operations Readiness Track

NV Energy implementation – Project Management Track

- Project kick-off meeting and executive sponsor meeting held in August
- Weekly project team meetings and executive sponsor calls
- The implementation schedule is defined and slack has been identified and built into the remaining milestones, including early connectivity, market simulations and opportunity for parallel production.
- NV Energy is pursuing SC certification
- NV Energy is executing contracts with software vendors

NV Energy implementation – Policy, Legal and Support Track

- NV Energy is hosting two sets of public stakeholder meetings on October 8-9 and December 2-3.
- ISO started policy work for EIM enhancements that will be presented to the Board in March. The market design will be final on February 11. This will allow NV Energy to incorporate any changes to their OATT
- NV Energy plans to file their OATT revisions on March 6.

NV Energy implementation – Project Delivery Track

The project delivery track includes milestones for:

- NV Energy network model and EMS changes and the interface to the ISO EMS
- Metering, Generation, Schedules, and Settlements
- Outage Scheduling Generation and Transmission
- Marketing and Trading
- Meter Data Management System

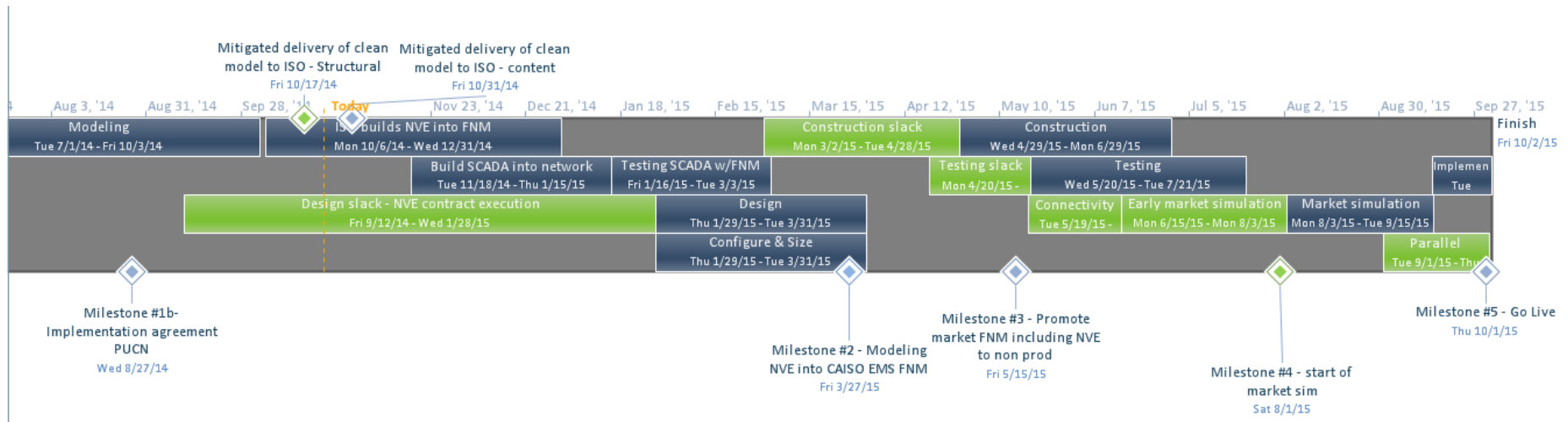
NV Energy implementation – Project Delivery Track

- Jointly conducted a high level process map walk through with NVE Transmission (EIM Entity) and NVE Merchant (Participating Resource)
- NV Energy provided the first export of their full network model to be imported into the CAISO EMS full network model. This export is two months late which will cause the milestone to move from 1/28/15 to 3/27/15. This does not impact other milestones.

NV Energy implementation – Operations Readiness Track

- Key operations leaders have met and are engaged
- Training session with NV Energy scheduled for December 5th in Las Vegas

Overall, NV Energy implementation is on track.



Questions