



Reliability Requirements Customer Partnership Group

October 2018

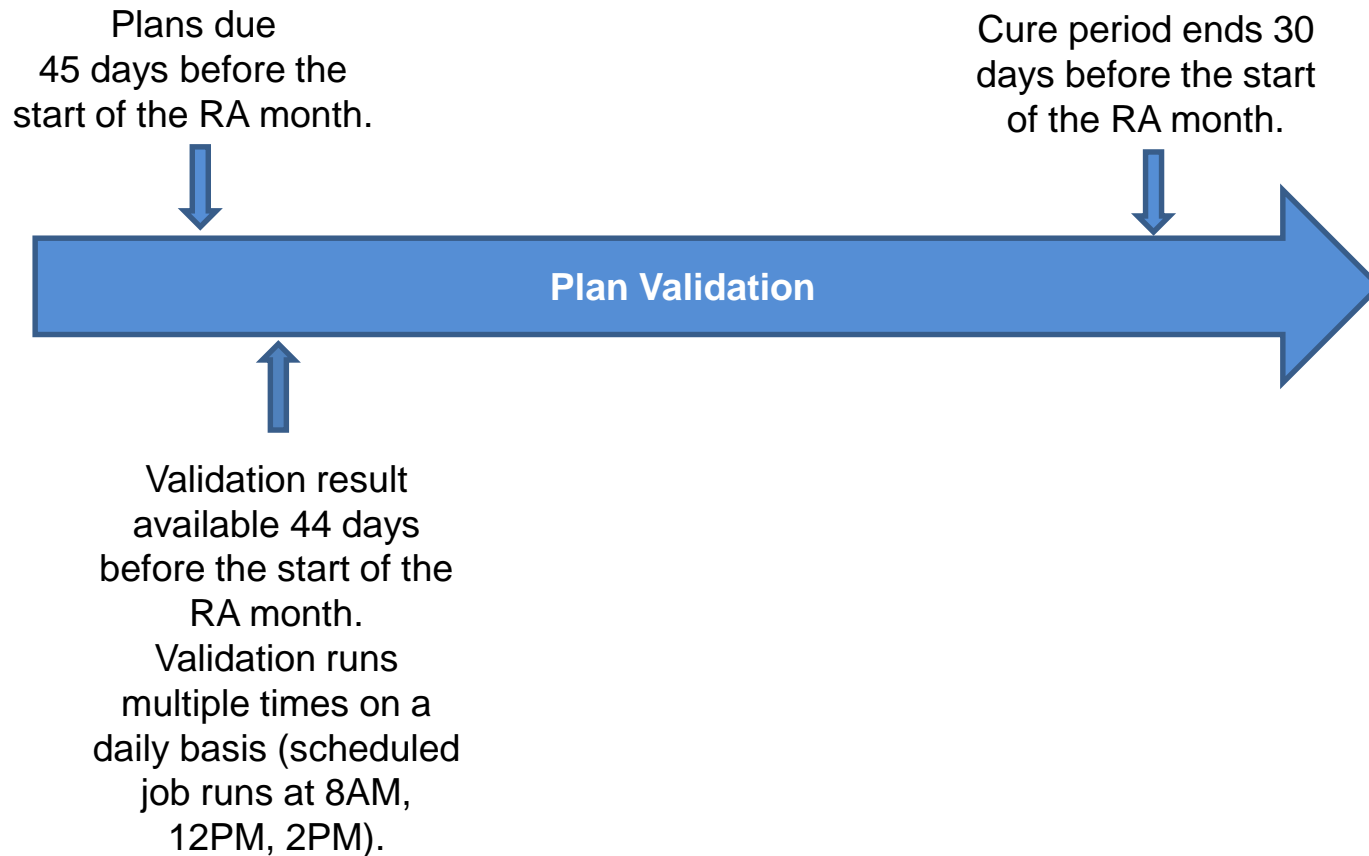
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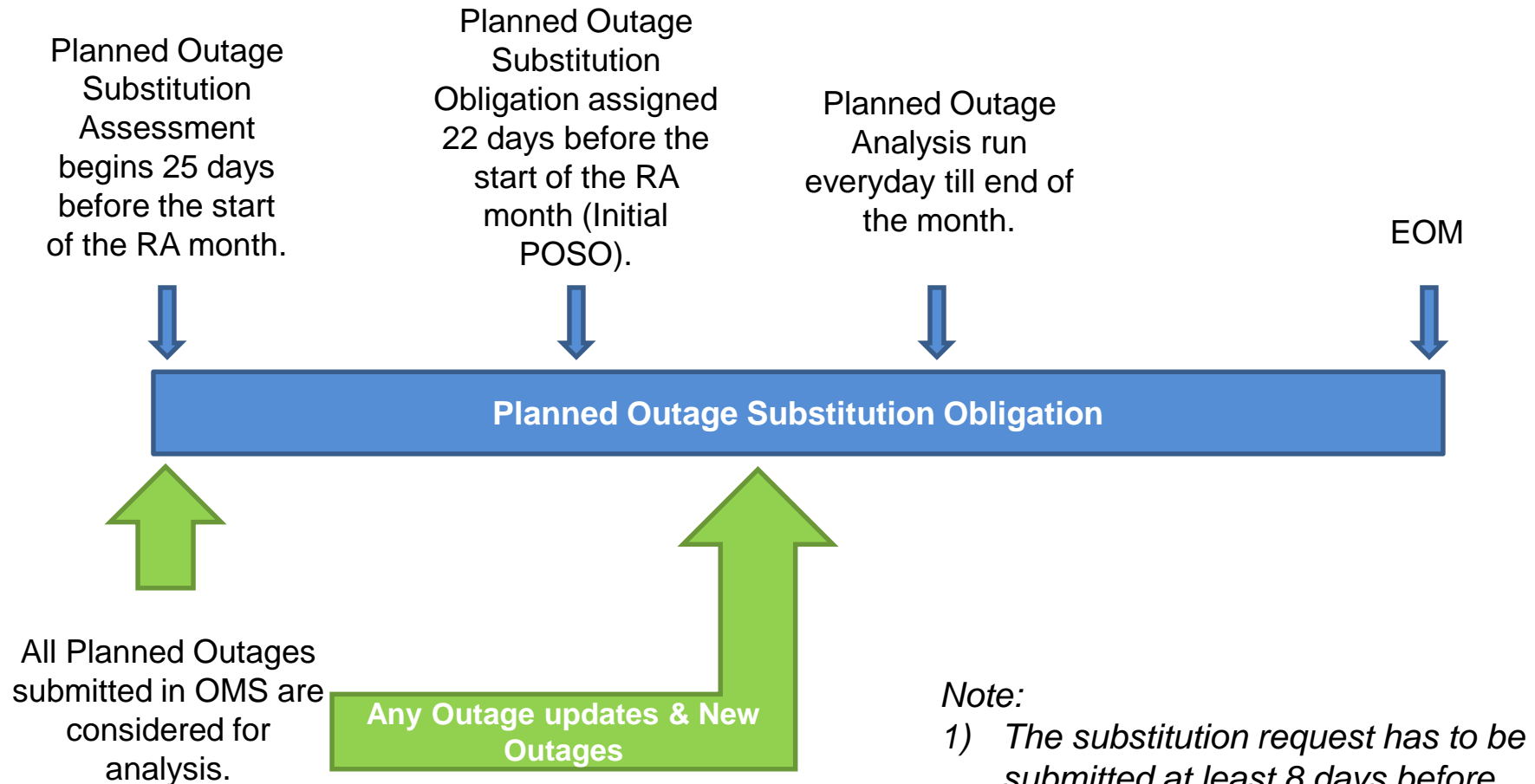
Agenda

- Planned Outage Substitution Obligation Discussion
- BPM Update
- CPM/CAM credit for December 2018
- RA credits
- CIRA roadmap

Resource Adequacy Timeline



Resource Adequacy Timeline



Note:

- 1) *The substitution request has to be submitted at least 8 days before the start of the substitution day.*
- 2) *Timeline applies only to Suppliers.*

Planned Outage Analysis

- All planned outages irrespective of nature of work will be considered for analysis.
 - This includes transmission induced nature of work as well.
 - Off Peak Opportunity Outages will be considered for analysis however these outages are exempt from RAAIM.
 - If ISO determines that the outage is likely to have a detrimental effect on the availability of Resource Adequacy Capacity or the efficient use and reliable operation of the CAISO Controlled Grid then the Outage may be rescheduled or cancelled or may require substitution.

Planned Outage Analysis

- An outage approved in the long range study process may see a substitution obligation assigned 25 days before the start of the month.
- The substitution assignment is automatic in CIRA. It is the responsibility of the SC of the resource to check the substitution obligation.
- If an outage has a substitution obligation and the outage is not substituted then the resource is exposed to potential RAAIM penalties or the ISO may cancel the planned outage seven days before the start of the POSO assignment.

Planned Outage Analysis

- SC for the resource is responsible for managing the Outages, Substitution Obligation & potential RAAIM impacts.
- Planned Outage analysis is applied only to Generic RA.
- Flexible RA is not considered for this analysis.
- Planned Outage analysis information is available in CIRA.

Reliability requirements & Outage Management BPM Updates

- PRR 1074 – Unpermitted forced outages.
- PRR 1086 – Update intra-month CSP offer submission date.
- PRR 1088 – Outage Management Nature of work update and outage reporting.

CPM/CAM credit for December 2018

- The CAM & CPM credits impact Load Serving Entities in SDG TAC area for the December RA month.
- Carlsbad Energy Center (CEC) is a CAM resource and the CAM credits have been allocated to the LSE by the CPUC.
- CPM credits for Encina are still active in CIRA for December as CEC may come online by end of November.
- LSE will see CAM and CPM credits for December which looks like double crediting. The CPM credits cannot be removed until CEC goes COD and is shown on a supply plan.

RA credits

- DR and RMR credits will continue to come from the LRA for 2019 RA year.
- Any DR/RMR credit listed on the other tab of the RA plan will be removed by ISO.
- Please list only CAM for system RA & unit under construction on the other tab.

Meeting updates

- November meeting has been moved to the 27th at 1 p.m.
- December meeting canceled