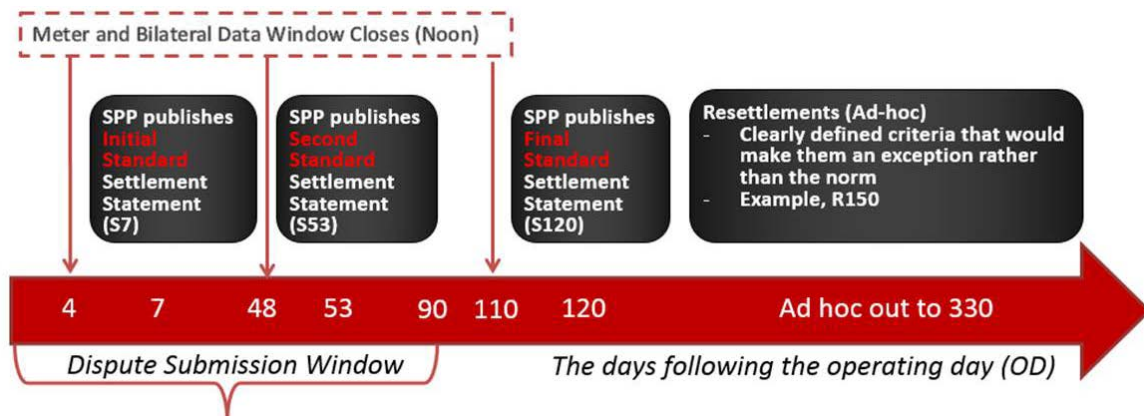


Southwest Power Pool Settlement System Replacement Project (SSRP)

Associated Revision Requests (RR)

1. RR229 – FERC Order 831 (Offer Caps)
 - a. This RR satisfies the requirements of FERC Order 831 (Offer Caps in Markets Operated by Regional Transmission Organizations and Independent System Operators). On November 17, 2016, FERC issued Order No. 831 directing RTOs and ISOs to establish the following 3 requirements from paragraph 42 of the Order
 - i. A Resource’s incremental energy offer must be capped at the higher of \$1,000/MWh or that Resource’s cost-based incremental energy offer
 - ii. The costs underlying a Resource’s cost-based incremental energy offer above \$1,000/MWh must be verified before that offer can be used for purposes of calculating Locational Marginal Prices
 - iii. All Resources, regardless of type, are eligible to submit cost-based incremental energy offers in excess of \$1,000/MWh. (Resource neutrality requirement)
 - b. Market participant Impact
 - i. Actual costs will be used for make-whole payments for Energy Offers above \$1,000/MWh
2. RR252 – OOME Cap and Floor Enhancement
 - a. This RR creates an Out-of-Merit Energy (OOME) cap and/or floor, in addition to the current design of assigning a fixed OOME dispatch MW. The proposed design enhancement will allow a resource to be economically dispatched within the OOME cap and/or floor limits
 - b. When an OOME contains a fixed OOME MW, the Resource is instructed to generate equal to the specified fixed OOME MW. When an OOME contains an OOME cap MW and/or OOME floor MW, the resource is instructed to generate below the OOME cap MW and/or above the OOME floor MW respectively
 - c. Market Participant Impact
 - i. Generating resources could receive two new attributes of data (OOME Cap MW and/or OOME Floor MW) along with OOME Fixed MW
 - ii. New billing determinants (RtOomeFloor5minQty, RtOomeCap5minQty) and updated settlement calculations for the Real Time Out Of Merit Amount charge
3. RR259 – Market Settlement Timelines
 - a. This RR provides changes to the market settlement posting and dispute timelines to be implemented with the new settlement system. The goal of these modifications is to reduce the amount of manual processes due to meter and Bilateral Settlement Schedules (BSS) revisions, as well as reduce the number of Resettlement postings.



Source: [SPP](#)

- b. Market Participant Impact
 - i. New Settlement Types: S7, S53, S120, R<number of days after operating date > compared to the existing settlement types: Initial, Final, Resettlements 1, Resettlement 2...Resettlement 11
 - 1. The new settlement types provide more clarity on when the settlement statements are published. For e.g. S53 will be published 53 days after the operating date
 - ii. Added a 3rd opportunity (S120) to submit revised meter and BSS data
 - 1. Meter and BSS submittal window for S7, S53, S120 will close 4, 48 and 110 days respectively after the operating date
 - iii. Don't have to wait for 47 days after the operating date (final published) to submit disputes related to meter/BSS data revisions. MP's can do so after the S7 is published in the new system
4. RR266 – JOU Combined Single Resource Modeling post-Settlement Share Allocation
- a. This RR will address gaming opportunity and market inefficiencies that currently exist with the JOU market design. The combined JOU will be treated as one resource in the Market clearing decisions by modeling as a single Resource in EMS, AGC and reliability models while performing a percent ownership share allocation split of revenues after the fact. A Designated Asset Owner will submit all JOU data as a single Resource. However, other JOU shares will remain and will be used for settlement purposes; each JOU share will exist only in the context of settlements where final results of clearing are split based on the submitted ownership share percentages to the JOU shares
 - b. Market Participant Impact
 - i. Operations
 - 1. Determine which Asset Owner will need to submit JOU data - Ownership Percent Share (Daily Unit Commitment Parameter)
 - 2. Eliminating two minimum limits from JOU offer submissions - JOU Minimum Physical Capacity Operating Limit and JOU Minimum Physical Regulation Capacity Operating Limit
 - ii. Settlements
 - 1. Two new settlement charges – DA Combined Resource Adjustment Amount and RT Combined Resource Adjustment Amount
 - 2. Updates to Revenue Neutrality Uplift Distribution Amount charge
5. RR273 – Market Settlements RNU Rounding
- a. The current Market Settlement System utilizes charge types that are currently not part of RNU processing that result in rounding/residual amounts that have to be manually processed and distributed to remain revenue neutral through miscellaneous charges. This RR would automate the distribution of rounding/residual issues for those charge types by incorporating them into the RNU process.

[Please request PCI's "SSRP Readiness Checklist".](#)

PCI is actively engaged with SPP to ensure that the changes related to the [Settlement System Replacement Project \(SSRP\)](#) initiative are supported by [PCI's GenManager bid-to-bill platform](#) . Close to 70% of generating resources and loads in SPP are optimized by PCI Suite.