

WAPA and MARKETS

Volume 1, Issue 2
February 2020

Welcome to the second issue of the *WAPA and markets* newsletter designed to update customers on energy imbalance transition activities across WAPA. Previous issues of the *WAPA and markets* newsletter are available at WAPA's [Energy Imbalance Markets/Services webpage](#).

Overall, there will be an uptick in customer outreach and communication this spring, including initiating updates to WAPA's Open Access Transmission Tariff. OATT revisions are needed to accommodate the transitions into the Western Energy Imbalance Market and Western Energy Imbalance Service.

Similar to other proposed changes, customers will be notified by email that WAPA has posted a notice of intent to revise its OATT on the [Open Access Same-Time Information System](#). There will also be a webinar during which WAPA employees will review redline changes with customers and seek feedback.

SN BUILDS OUT MODELS, CONSIDERS APPLICATION CHANGES

The generation, load and transmission models continue to refine the plan for systems, procedures and resources that the Western EIM Phase II entities will use to interact with the EIM when the move occurs in April 2021.

The generation model aggregates generation into three zones based on geographic areas: North, Central and South. Each aggregate generator will receive dispatch instructions from the California Independent System Operator that the Bureau of Reclamation will break down to the individual generating unit level based on resource need and system availability.

For the transmission model, participants have agreed that all transmission capacity remaining after Real-Time Market close will be made available for EIM dispatch. This arrangement helps ensure the most cost-effective solution for the market and the greatest benefit for customers.

SN's load model indexes and categorizes all meter points needed to support the Western EIM's economic dispatch of resources. A question that remains is how SN will successfully integrate meters with the Western EIM when many meters were not designed to support a real-time market.

WORK SPOTLIGHT:

SOFTWARE (DECISIONS)

An additional challenge facing SN is transitioning software and data integration from hourly intervals to five-minute intervals. For example, SN can adapt its in-house metering-related software or use new software that will be more compatible with CAISO's systems. Each option has its pros and cons. The in-house solution is already customized to SN's unique needs while the off-the-shelf solution may not be able to do so. However, the commercial option may work better with the CAISO systems, which could result in lower costs over the lifecycle of the software, including maintenance and troubleshooting.

More information on SN's transition is available at the [SN energy imbalance market activities webpage](#).



DSW COLLECTS DATA TO SUPPORT MARKET STUDIES

DSW and Utilicast held a kick-off webinar Feb. 10 to establish the parameters of the gap analysis study. The two will hold a face-to-face meeting in Phoenix, Arizona, Feb. 18-20 to continue the fact-finding and information-gathering effort.

DSW also continues to receive and complete data requests to support E3's generation, load and transmission models. DSW is making extensive use of its agreement with Argonne National Laboratory to develop generation and load projections for 2024. Employees are also coordinating with the Bureau of Reclamation on hydropower projections.

An informational session for customers is expected in March to provide updates on both studies. More information on DSW's effort is available on the [DSW energy imbalance market activities webpage](#).



WEBINAR ON WACM BA SERVICES AGREEMENT, OTHER UPDATES SCHEDULED FOR MARCH 3

Employees have been busy drafting a Western Area Colorado Missouri Balancing Authority Services Agreement that will be unveiled to WACM customers at a March 3 webinar. We look forward to working closely with the WACM customers throughout this spring before distributing the final for signature in late June or early July.

One-on-one customer meetings with the Settlements team are also on the docket in March. During these meetings, employees will discuss asset registration information with non-market participants and review process changes that will be needed to transition into WEIS.

UGP CONTINUES CUSTOMER COORDINATION

Upper Great Plains employees are coordinating with customers and other entities in the Western Area Upper Great Plains--West BA, including Basic Electric and NorthWestern Energy, as they prepare for the move to WEIS.

WORK SPOTLIGHT:

LIST OF OUTREACH OPPORTUNITIES AVAILABLE ON WEIS WEBPAGE

A list of engagement opportunities for the WEIS transition is now available on the [WEIS activities webpage](#). WACM, Loveland Area Projects and Colorado River Storage Project customers are encouraged to bookmark this webpage to keep up-to-date on the latest information, deadlines, data requests, frequently asked questions and meetings for the WEIS transition.

Important dates for March include:

- March: Settlements one-on-one meetings with customers
- March 3: BA Services Agreement meeting 1
- March 19: Market Protocols meeting 1 (TBD)
- March 26/27: Market Protocols set
- March 31: Deadline to submit comments on first draft of BA Services Agreement



Thank you for reading the *WAPA and Markets* newsletter. For more information, call your regional representative or visit the [energy imbalance activities webpage](#) on The Source.



Western Area
Power Administration