



Western Area Power Administration

Quarter-Hour and Intra-Hour Scheduling Business Practice

The purpose of this Business Practice is to accommodate changes in load and resources through the hour and to comply with FERC Order 764. This Business Practice outlines Western's Quarter-Hour and Intra-Hour scheduling process and requirements in the Desert Southwest, Rocky Mountain, and Sierra Nevada Regions of Western that market transmission services under TSP codes of CRCM, LAPT, WALC, and WASN. It applies to e-Tags that are submitted and have a start time or stop time that is not at the top of the hour (xx: 00). This Business Practice does not apply to Reserve Sharing Group e-Tags since those schedules are generally using Emergency Type e-Tags. The implementation of quarter-hour and Intra-Hour schedules may be limited due to restrictions by other entities on the e-Tag path. Therefore, the ability of a customer to utilize Quarter-Hour and Intra-Hour scheduling cannot be guaranteed by Western. Further, Western reserves the right to suspend this Business Practice without prior notice if system reliability is adversely impacted. Any such suspension will be posted to Western's OASIS as soon as possible. In an event of conflict between this Business Practice and the Western Open Access Transmission Tariff (OATT), the OATT and applicable FERC orders and regulations shall prevail.

Transmission service for Quarter-Hour and Intra-Hour must be purchased by Transmission Customer for the full hour before such a service can be scheduled.

Quarter-Hour / Intra-Hour Scheduling Requirements:

An Intra-Hour schedule is a new Intra-Hour e-Tag (or an Intra-Hour e-Tag Profile Change) request that is submitted for a portion of the current hour after the start of the current hour. An Intra-Hour schedule will also include adjustment to an existing tag which modifies energy profile of the tag for part of the hour in the future.

1. All e-Tags submitted for approval must start and stop on a quarter-hour basis at: xx: 00, xx: 15, xx: 30, or xx: 45. All other e-Tags will be DENIED.
2. All e-Tags submitted for approval must have one or more 15-minutes increment duration, e.g. XX: 15 to XX: 45.
3. All e-Tags submitted for approval must be submitted by 20 minutes before the start (e.g. an e-Tag scheduled to start at xx: 30 be submitted by xx: 10). E-tags submitted later than 20 minutes prior to the start will be DENIED.
4. Ramp duration must be a 10 minute ramp, with ramp-in five minutes before schedule start to five minutes after schedule start, and ramp-out five minutes before schedule end to five minutes after schedule end (e.g. schedule starting at xx:15 will ramp in at xx:10 to xx:20).
5. E-Tags submitted on the current day that are scheduled for the current day only and start and/or stop quarter-hour (xx: 15, xx: 30, or xx: 45) can be submitted anytime during the current day provided they meet the timing requirements above.



6. E-Tags submitted on the current day that are scheduled for the next day and start and/or stop quarter-hour (xx: 15, xx: 30, or xx: 45) can only be submitted after 15 (PPT) on the current day.
7. E-Tags submitted on the current day that are scheduled for later than the next day (i.e. beyond the next day) and start and/or stop quarter-hour (xx: 15, xx: 30, or xx: 45) will be DENIED.
8. (INTRA-HOUR) An Intra-Hour e-Tag must be submitted as a new e-Tag.
9. (INTRA-HOUR) An Intra-Hour e-Tag for a portion of an hour must be submitted against a Transmission Service Reservation (TSR) that is confirmed for that entire hour.
10. (INTRA-HOUR) If applicable, contingency reserves will be required for Intra-Hour schedules just as they would be for an hourly schedule, and appropriate reserves must be declared and held on the appropriate units.
11. (INTRA-HOUR) Losses must be delivered for Intra-Hour schedules the same as they would be for hourly schedules at current posted loss rate, based upon the schedules (not the TSRs).
12. All e-Tags must be submitted on time per NERC requirements, and must meet Western's current posted scheduling practices.
13. All e-Tags submitted that are scheduled to start and/or stop at any time other than the top of the hour must meet all other standard criteria as if it were to start/stop at the top of the hour. For example, the e-Tag must have sufficient transmission capacity for the timeframe of the schedule, the TSR must be confirmed, NERC priority for the tag must match the NERC priority for the TSR, sufficient losses are provided, etc.
14. E-tag requests that are initiated as a PSE adjustment will also be allowed quarter-hour scheduling adjustments provided they meet the same criteria above.