



Western Area Power Administration Upper Great Plains Region (UGPR)

Quarter-Hour and Intra-Hour Scheduling Business Practice

This Business Practice outlines UGPR's Quarter-Hour and Intra-Hour scheduling process and requirements, and 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). 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 UGPR. Further, UGPR reserves the right to suspend this Business Practice without prior notice if reliability is impacted. It may also be necessary to suspend this Business Practice for Energy Management System (EMS) requirements on a temporary basis. Any such suspension will be posted to UGPR'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.

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.

1. All e-Tags submitted for approval must either start and/or 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 a schedule longer than UGPR's ramp (i.e. longer than 10 minutes).
3. All e-Tags submitted for approval must be submitted by 10 minutes before the ramp (e.g. an e-Tag scheduled to start at xx:15 be submitted by xx:05). E-tags submitted later than 10 minutes prior to the required ramp will be DENIED¹.
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 12 Noon (CPT) on the current day.

¹ Unless there are circumstances that require the tag to be evaluated (e.g. Emergency conditions as outlined in the WECC "Processing of Emergency Requests for Interchange, INT-007-WECC-RBP-2.1, Regional Business Practice" or other applicable business practices or procedures.)



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) Intra-Hour e-Tags will not bump e-Tags that have already been implemented.
11. (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.
12. (INTRA-HOUR) Losses must be delivered for Intra-Hour schedules the same as they would be for hourly schedules at UGPR's current posted loss rate, based upon the schedules (not the TSRs). Therefore, when an Intra-Hour schedule is submitted, the losses must be supplied concurrently, and a minimum of 1 MW of losses must be supplied for all energy transactions, based upon UGPR's posted requirements.²
13. All e-Tags must be submitted on time per NERC requirements, and must meet UGPR's current posted scheduling practices.
14. 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.
15. 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.

Questions concerning UGPR's scheduling requirements should be directed to:

- Real-Time Operations Desk – 605-882-7576 or 605-882-7584
- Scott Byer, Generation Team Lead – 605-882-7551 (byer@wapa.gov)
- Michael Kirwan, Generation Operations Specialist – 605-882-7547 (kirwan@wapa.gov)

² See the "Rates/Loss Details" posting on UGPR's OASIS page under the "Rates/Losses" folder.