EDAM Entity Scheduling Interchange

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Prepared by: Jamil Daouk
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California Independent System Operator

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1.0 Summary

1.1 Purpose and Scope

This document is provided as an overview of interchange scheduling in EDAM; it offers a summary of the interchange interaction between EDAM to EDAM, EDAM to WEIM Only entity, and EDAM to non EDAM/non WEIM entity.

2.0 EDAM to EDAM

2.1 EDAM to EDAM self-schedule transfer associated with CRN by Transmission Customer, referred to as TSR Type1.

Energy transferred from one EDAM BA to another EDAM BA, this is a schedule determined through a means outside of the market, such as long-term contract for serving load.

2.1.1 DA SIBR Scheduling

- The participant will submit a self-schedule on either a defined Transfer System Resource (TSR) or a transient TSR; to indicate energy exporting/importing into the EDAM BA and associate the CRN to the self-schedule.
- A self-schedule will also need to be submitted by a transmission customer within the adjacent EDAM BA to reflect the self-schedule.
- Registered TSR will need to be matched by an adjacent Registered Matching TSR, and Transient TSR will need to be matched by an adjacent matching Transient TSR. A registered TSR cannot be matched by a registered TSR, and a registered TSR cannot be matched by a transient TSR.
- The Market will adjust the submitted self-schedule to be the minimum of the two self-schedules submitted
- The self-schedule amount will be considered RSE eligible

2.1.2 Market Awards

- Market will award both sides of the TSR the self-schedule on the TSR and the matching TSR.
- One of the participants will tag the energy accordingly.

2.1.3 RT SIBR Scheduling

- Both Transmission Customers will need to resubmit a self-schedule on the TSR in RT to confirm MW transfer.
- If a customer does not submit a self-schedule the DA Market award will be converted to RT self-schedule on the TSR

2.1.4 RTSI

- Tagging Entity EDAM entity will submit RTSI for the TSR, reflecting the updated energy profile of an eTag.

2.2 EDAM to EDAM transfer capacity released by Transmission Customer, referred to as TSR Type2.
Transfer capacity offered into the EDAM is used by the market to optimally transfer energy from one EDAM BA to another EDAM BA.

2.2.1 DA SIBR Scheduling

- The EDAM Entity will submit Transfer capacity by CRN for each transfer location.
- For registered TSR type2, the participant will submit an energy transfer capacity on the defined TSR; this will indicate transmission capacity to the market offered for optimal transferred.
- For Transient TSR type2, the participant will submit the release capacity by transfer location by CRN; this will indicate to the Market the request to release capacity and to auto pair any capacity that is not reflected as part of the registered TSR type2 transfer capacity release.
- The capacity will be considered not RSE eligible

2.2.2 Market Awards

- Market will use the capacity to optimally transfer between the two EDAM BA.
- The transfer amount will be reflected as a DA award, and one of the participants will tag the energy accordingly.

2.2.3 RT SIBR Scheduling

- Market awards will be converted to RT self-schedule on the TSR; these cannot be adjusted as a RT adjustment bid.

2.2.4 RTSI

- Tagging entity EDAM entity will submit RTSI for the TSR, reflecting the updated energy profile of the eTag

2.3 EDAM to EDAM transfer capacity released by EDAM Entity reflecting a long-term contract associated to serving load by an external supplier, referred to as TSR Type3.

2.3.1 DA SIBR Scheduling

- For registered TSR type3, the EDAM Entity will submit an energy transfer capacity on the defined TSR; this will indicate transmission capacity to the market offered for optimal transferred.
- The capacity will be considered RSE eligible

2.3.2 Market Awards

- Market will use the capacity to optimally transfer between the two EDAM BA.

- The transfer amount will be reflected as a DA award, and one of the participants will tag the energy accordingly.

2.3.3 RT SIBR Scheduling

- Market awards will be converted to RT self-schedule on the TSR; these cannot be adjusted as a RT adjustment bid.

2.3.4 RTSI

- Tagging entity EDAM entity will submit RTSI for the TSR, reflecting the updated energy profile of the eTag

2.4 EDAM to EDAM transfer capacity released by EDAM Entity reflecting any additional capacity, not scheduled or reserved, referred to as TSR Type4.

2.4.1 DA SIBR Scheduling

- For registered TSR type4, the EDAM Entity will submit an energy transfer capacity on the defined TSR; this will indicate transmission capacity to the market offered for optimal transferred.
- The capacity will be considered not RSE eligible

2.4.2 Market Awards

- Market will use the capacity to optimally transfer between the two EDAM BA.
- The transfer amount will be reflected as a DA award, and one of the participants will tag the energy accordingly.

2.4.3 RT SIBR Scheduling

- Market awards will be converted to RT self-schedule on the TSR; these cannot be adjusted as a RT adjustment bid.

2.4.4 RTSI

- Tagging entity EDAM entity will submit RTSI for the TSR, reflecting the updated energy profile of the eTag

2.5 EDAM to EDAM transfer in the RT

2.5.1 Dynamic Limit

- Dynamic ETSR between the two EDAM BAs will remain and represent the RT release capacity to facilitate RT transfer between RT Market BAs (WEIM and EDAM Entities).
- TSR capacity awards of IRU, IRD, or RCU will need to be reflected as transfer capability on the Dynamic ETSR.
- TSR capacity awards of EN, will be static schedules within the WEIM RT Market and will be reflected on the same TSRs as was scheduled in EDAM.
- The TSR capacity awards of EN, will need to be reflected as capacity in the reverse direction on the Dynamic ETSR to allow a DA award reversal within the RT.

- Any TSR capacity offered as part of TSR Type2 and not awarded in the DA, will need to be reflected as transfer capability on the Dynamic ETSR.
- Capacity not offered into EDAM or any additional capacity made available in RT can be donated to the market as transfer capacity in RT within the WEIM

3.0 EDAM to WEIM Only

3.1 EDAM to WEIM schedule

An EDAM to WEIM schedules represents energy determined outside the market in the DA time frame representing energy importing or exporting.

3.1.1 DA SIBR scheduling

- The participant will submit an energy self-schedule on a registered interchange resource or a transaction ID representing energy

3.1.2 Market Awards

- Market will award the interchange schedule the self-scheduled value
- The participant will tag the energy accordingly.

3.1.3 RT SIBR Scheduling

- Transmission Customers will need to resubmit a self-schedule on the registered Interchange resource or transaction ID in RT to confirm MW schedule.
- Market awards no re bid in the RT will be converted to RT self-schedule on the awarded resource

3.1.4 Dynamic Limit

- Remaining transmission capacity not used can be donated to the market as transfer capacity on an EIM Dynamic ETSR between the EDAM BA and WEIM BA

3.1.5 RTSI

- EDAM Entity will submit RTSI for the interchange resource (TID or Registered SR) reflecting the updated energy profile of each tag.

3.2 The WEIM entity

The schedules and RTSI submitted by the WEIM entity bordering the EDAM entity will be independent of the EDAM schedule, but they will mirror the schedules.

3.2.1 RT BSAP Scheduling

- The adjacent EDAM schedules based on the DA awards will be reflected and auto seeded as the WEIM Mirror.
- The WEIM only entity will submit a base schedule on the MIRROR interchange to the sum of the interchange schedules during the T-75, T-55, and T-40 timeframe.

3.2.2 Dynamic Limit

- Remaining transmission capacity not used can be donated to the market as transfer capacity on an EIM Dynamic ETSR between the EDAM BA and WEIM BA

3.2.3 RTSI

- WEIM Entity will submit RTSI for the MIRROR SR reflecting the updated energy profile of the tag
- Settlement will use the RTSI ATF for the MIRROR

4.0 EDAM to Non WEIM/Non EDAM

4.1 EDAM to non WEIM/non EDAM schedule

An EDAM from a non market participating entity in the DA time frame representing energy importing or exporting.

4.1.1 DA SIBR scheduling

- The transmission customer/representing SC will submit an energy self-schedule on a registered interchange resource, transaction ID, or designated network resources representing energy

4.1.2 Market Awards

- Market will award the interchange schedule the self-scheduled value
- The participant will tag the energy accordingly.

4.1.3 RT SIBR Scheduling

- Transmission Customers will need to resubmit a self-schedule on the registered Interchange resource or transaction ID in RT to confirm MW schedule.
- Market awards that are not rebid in the RT will be converted to RT self-schedule on the awarded resource

4.1.4 RTSI

- EDAM Entity will submit RTSI for the interchange resource (TID or Registered SR) reflecting the updated energy profile of each tag.