

Updates to Reporting of Hourly Revenue Grade Metering for Injection-Only Generators

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Agenda

- **Background**
- **Customer Settlements Interface (CSI) Updates**
 - Reporting and Modifying Meter Data
- **Submitting Meter Data through SDX**
- **Submitting Meter Data through the Metering API**
- **Next Steps**

Background

- As part of the Distributed Energy Resource (DER) Participation Model software implementation project, metering submission and modification functionality within the existing CSI and SDX systems and the upcoming Metering API are being aligned for **Injection-Only Generators**
 - Alignment of the three systems allows for ease of use and future transition to the Metering API
 - **Injection-Only Generators** will have the ability to use CSI, SDX, and the Metering API
 - Aggregations will only be able to use CSI and the Metering API
- For purposes of this presentation, **“Injection-Only”** refers to a Generator that is only eligible to provide injections to the grid; they are ineligible to provide withdrawals or demand reduction

Updates to Customer Settlements Interface (CSI)

Current CSI Functionality for Injection-Only Generators

- **Injection-Only Generators** may enter or modify Hourly Revenue Grade Metering MWh values through the CSI UI
- Reporting is done through the ***MA Reported MWH*** field for the Generator on either the Gen/Tie Detail screen or the Subzone Load Detail screen in CSI

Updates to CSI for Injection-Only Generators

- **Injection-Only Generators** will no longer use the ***MA Reported MWH*** field to enter or modify Hourly Revenue Grade Metering MWh values
 - The *MA Reported MWH* field will be read-only
- The ***MA Reported Injection MWH*** field will be used to enter or modify **Injection-Only Generator** Hourly Revenue Grade Metering MWh values
 - The *MA Reported MWH* field will reflect the MWh value reported in the *MA Reported Injection MWH* field
- This new functionality will be on the Gen/Tie Detail screen and the Subzone Load Detail screen

Other Current CSI Functionality

- **Functionality within CSI will remain unchanged for reporting of Hourly Revenue Grade Metering MWh for:**
 - Withdrawal-eligible Generators, including LESRs and ESRs
 - Participation Models containing an ESR, including the CSR Participation Model
 - Ties
 - Subzones

Submitting Meter Data through SDX

Current SDX Functionality for Injection-Only Generators

- Functionality for **Injection-Only Generator** submission of Hourly Revenue Grade Metering MWh values through SDX will remain unchanged
- The *Hourly MW* value submitted on the Tie_Gen_Subzone_Data upload template will be saved in both the *MA Reported MWH* and *MA Reported Injection MWH* fields in CSI

Submitting Meter Data through the Metering API

Metering API Functionality for Injection-Only Generators

- An **Injection-Only Generator** will submit Hourly Revenue Grade Metering MWh values through the Metering API using the *meterInjectionEnergyMwh*
- The *meterInjectionEnergyMwh* value submitted through the Metering API will be saved in the ***MA Reported Injection MWH*** and be reflected in the ***MA Reported MWH*** field in CSI

Next Steps

- Updates to CSI for the **Injection-Only Generator** reporting of Hourly Revenue Grade Metering MWh values will be deployed in April 2023, prior to the activation of the DER software implementation occurring in June 2023
- Implementation of the Metering API will be deployed with the activation of the DER software implementation in June 2023

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