

Q&A for RFI-2024-001
Metering Enterprise Energy Management (EEM) Solution

1. Where will the data be sent to from the meters? (e.g. PME)

- Yes, into the PME/ or your system in you can poll meter data.

2. How will that data be delivered to the EEM and how often per day? (i.e. what API or CSV formats)

- The data gets from PME to EEM via a task that actually a customized version of ETL. It pulls the historical data from the PME database and inserts it directly into the EEM database using SQL stored procedures and the Microsoft Message Queues.
- We use a ETL that brings our logs into the EEM system from PME.
- How often: Data needs to be available as often as needed.
- There is a separate ETL that pulls PME events and waveforms over to EEM and inserts them directly into the database.

3. As a function of VEE, Energy Data will be validated and can be edited, but not voltage or current data. Does GRDA require the editing of voltage/current data?

- No, we do not require editing of voltage or current.

4. Is the requirement (i.e. “the need to change customer name on the fly”) necessary for the MDM piece?

- We will need to be able to change the Names when needed. That don't cause a problem with the data (i.e. overwrite).

5. Which system are you looking to replace?

- EEM system (Validation, Estimation, Editing)

6. What is the estimated time frame (i.e. “go-live”) date?

- January to March of 2025

7. What are the most important readings / data needed to be captured from your meters?

- KWh del int KWh rec int Kvars del int kvars rec int. 15 min intervals

8. Is the intent of this RFI to also address EBOSS as a replacement?

- No this will just be replacing for the EEM.

9. How will the solution get the data from the Schneider meters to process? Will we get the data from PME the Schneider software? In what format CSV/Excel etc. and how often will we get the data, once a day (AM, PM) or 4times a day etc. Once the data is Validated, when does it need to be sent to your Billing or accounting system?

- The data gets from PME to EEM via a task that actually customized version of ETL. It pulls the historical data from the PME database and inserts it directly into the EEM database using SQL stored procedures and the Microsoft Message Queues.
- 4 times days, as well as on demand if needed.
- There is a separate ETL that pulls PME events and waveforms over to EEM and inserts them directly into the database.
- At the first of every month.

10. In the RFI, the statement “The need to change customer name on the fly” is typically a function of Billing. MDMs own meter data and is “tied” to customer data via meter identifiers in the MDM). Is this requirement necessary for the MDM piece?

- Would like to be able to change when needed, yes, it is an identifier, and we can make do if necessary.

11. Please clarify the requirement below. What exactly do we need to verify? Verify the – A-phase volts, B-phase volts, C-phase volts. Verify the – A-phase amps, B-phase amps, C-phase amps.

- Verify there is no 0 or gaps in the Voltages so it will flag us of a problem that may have happened without an outage.
- Interruption in the current as well.

12. Please clarify the requirement below. We do not understand what is being asked? There are certain meters that if an outage was present, it would affect multiple meters in that group. --- a. In turn metering would have to be edit as individual meters.

- If you have an outage on a feeder that houses a meter (one) in a substation. There will be multiple meters downstream that will need to be edited as well.

13. What is GRDA’s current utility billing solution reference in Section 1.1?

- BOSS

14. Does the current utility billing solution have the ability to interface with future EEM solution via API? Or file-based transfer only?

- Yes, either API or file-based transfer

15. How many meters does GRDA manage/operate?

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