

## Attachment 1 - Meter Data Management System Proposal

Priority	Interval Frequency	Reporting Frequency	Data Quality	Format
Phase 1	Hourly	12-Month Historical	Bill Quality	Web portal and EDI
Phase 1	Hourly	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	EDI
Phase 1	Hourly	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	EDI
Phase 1	Hourly	Next Day	AMI Meter Data	FTP File
Phase 1	Hourly	Next Day	AMI Meter Data	FTP File
Phase 2	15-Minute	Next Day	AMI Meter Data	FTP File
Phase 2	15-Minute	Next Day	AMI Meter Data	FTP File
Phase 2	15-Minute	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	FTP File
Phase 2	15-Minute	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	FTP File
Phase 2	1-Minute	Next Day	AMI Meter Data	FTP File
Phase 2	1-Minute	Next Day	AMI Meter Data	FTP File
Phase 2	1-Minute	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	FTP File
Phase 2	1-Minute	Monthly (Billing Cycle)	Bill Quality (VEE; gaps filled)	FTP File
Phase 3	15-Minute	Live/Real-Time	Bill Quality (VEE; gaps filled)	URL providing real time data to be pushed to suppliers upon demand
Phase 3	15-Minute	Live/Real-Time	Bill Quality (VEE; gaps filled)	URL providing real time data to be pushed to suppliers upon demand
Phase 3	1-Minute	Live/Real-Time	Bill Quality (VEE; gaps filled)	URL providing real time data to be pushed to suppliers upon demand
Phase 3	1-Minute	Live/Real-Time	Bill Quality (VEE; gaps filled)	URL providing real time data to be pushed to suppliers upon demand

**Duke Energy Ohio  
Case No. 13-1141-GE-RDR  
Direct Energy Services First Set of Interrogatories  
Date Received: December 17, 2013**

**DE-INT-01-001**

**REQUEST:**

Using Duke's current technology infrastructure, in what format can Duke provide the AMI meter readings it receives to competitive retail electric supply ("CRES") providers? For example, please indicate whether Duke can provide the information in any or all of the following formats: a flat file (excel file), a file transfer protocol ("FTP") to a CRES provider website, or through data to Duke's own CRES provider portal/website?

**RESPONSE:**

Today Duke Energy Ohio can provide data in a flat file. Duke Energy Ohio will be able to provide data through the current EDI functionality. The information will be available 6/1/14 on the electric supplier website screen.

**PERSON RESPONSIBLE:** Sue O'Leary

**Duke Energy Ohio**  
**Case No. 13-1141-GE-RDR**  
**Direct Energy Services First Set of Interrogatories**  
**Date Received: December 17, 2013**

**DE-INT-01-008**

**REQUEST:**

Has Duke considered upgrading its technology infrastructure to utilize electronic data interchange (“EDI”) transactions to communicate interval customer usage data to CRES providers? If so, please provide the information below:

- a. Any estimated budgets.
- b. Expected capabilities, including the quickest turnaround time in which Duke could communicate AMI meter data to CRES providers (e.g. daily for previous day’s usage) and the granularity of data (one hour, fifteen minute, one minute) that could be communicated to CRES providers.
- c. Description of major implementation tasks/benchmarks and expected timeframes for each major task/benchmark.
- d. Timeframes for completion and implementation (“go live” date)
- e. Whether Duke could perform such an upgrade with internal resources or would Duke expect to outsource any of the work associated with such an upgrade.

**RESPONSE:** All responses to DE-INT-0-1-008 are dependent on the MDM Mass Market data availability to billing quality data, that does not happen until late in the first quarter of 2015 for all AMI Meters.

- a. The current proposed project budget is \$1,368,000.

- b. The plan is to exchange this information with the CRES at billing time using 60 min interval. That is for rate ready or bill ready. Using EDI transactions like other data is exchanged.
- c. Timeline and milestones TBD, will not have dates until the project has been approved.
- d. Late Q2 2014 for #1, late Q4 2014 for #8....assumes project is approved and funded.
- e. TBD

**PERSON RESPONSIBLE:** Jeff Wohlfrom

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**1/10/2014 2:56:07 PM**

**in**

**Case No(s). 13-1141-GE-RDR**

Summary: Exhibit /Attachments to Direct Testimony of Jennifer L. Lause electronically filed by JOSEPH CLARK on behalf of Direct Energy Services, LLC and Direct Energy Business, LLC