

Residential and Small Commercial Customer Measurement and Verification for Demand Response

Issue Source

CPower Energy Management
Chandra Colaresi, Chandra.Colaresi@CPowerEnergyManagement.com
Ken Schisler, Kenneth.Schisler@CPowerEnergyManagement.com

Issue Content

This work is intended to evaluate the use of statistical sampling for interval-metered residential and small commercial customers. Despite the proliferation of advanced metering infrastructure during the last decade, data access issues remain a barrier to residential and small commercial customer participation in the wholesale market through CSPs.

Under PJM rules today, if interval meters are present, CSPs must settle using that data. The presence of interval meters does not always mean CSPs are able to access data from EDCs at a scale to enable mass market participation. PJM rules allowing statistical sampling of interval-metered customers to provide measurement and verification are applicable only where the aggregation includes non-interval metered residential customers.

Key Work Activities and Scope

1. Education and review on the current obstacles CSPs are encountering when requesting smart meter and historical usage data for residential and small commercial customers with interval meters.
2. Education and review on the statistical sampling method used for non-interval metered residential ~~and small commercial~~ customers.
3. Make recommendation on whether statistical sampling or another method should be offered as an option for CSPs to calculate load management performance for all residential and small commercial customers and any requirements associated with utilization of such method.

Expected Deliverables

1. Develop appropriate changes to Reliability Assurance Agreement, Schedule 6, Sec. K to reflect identified solution.
2. Develop appropriate changes to Operating Agreement, Schedule 1, Sec. 8.3 to reflect identified solution.
3. Develop appropriate changes to Open Access Transmission Tariff, Attachment K, Sec. 1.5A to reflect identified solution.
4. Update Manual 19, Attachment C, to reflect tariff changes and implement identified solution.

Decision-Making Method

Consensus on a single proposal.

Stakeholder Group Assignment

Demand Response Subcommittee.

Expected Duration of Work Timeline

Approximately three months.

Start Date	Priority Level	Timing	Meeting Frequency
Click here to enter a date.	<input type="checkbox"/> High <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Low	<input type="checkbox"/> Immediate <input checked="" type="checkbox"/> Near Term <input type="checkbox"/> Far Term	<input type="checkbox"/> Weekly <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly

Charter

(check one box)

<input type="checkbox"/>	This document will serve as the Charter for a new group created by its approval.
<input checked="" type="checkbox"/>	This work will be handled in an existing group with its own Charter (and applicable amendments).