



Other Demand Resources Measurement and Verification Plan Requirements

Market Rule 1, Section III.8.3.6.2.2., defines Measurement, Verification, and Review of Other Demand Resources (ODRs). This guideline provides a synopsis of the Measurement and Verification (M&V) Plan requirements for ODRs, including: energy efficiency, load management, and distributed generation. This guideline specifies the information and format required for submission, review and approval by ISO New England during the Transition Period.

All participants wishing to register ODR projects with ISO New England must submit an M&V Plan prior to the start of the month for which ICAP Transition Payments are to be received. The M&V Plan shall be in accordance with the ISO New England Load Response Program Manual (M-LRP)¹ or as set out in Section III.8.3.6.2.2 of Market Rule 1 to demonstrate demand reduction on the electric network in the ISO New England Control Area coincident with ODR Performance Hours. M&V Plans must follow the format defined in the ISO New England M-LRP, Appendix E. The M&V Plan template format in M-LRP, Appendix E is included in this document.

All ODR M&V Plans must be consistent with the International Performance and Measurement Verification Protocol (IPMVP)² or an alternative protocol that has been reviewed and approved by the appropriate state regulatory agency with jurisdiction over utility or state sponsored ODR programs. It is strongly recommended that ODR project suppliers review and follow the referenced M-LRP and the IPMVP documents, paying careful attention to the acceptable M&V methodologies, baseline criteria, metering and statistical sampling accuracy and precision requirements.

M&V Plans must affirm that the siting, interconnection, and operation of the ODR complies with all applicable utility interconnection, and Federal, state, and local requirements. M&V Plans must contain a projection of the ODR's monthly Demand Reduction Value over the ICAP Transition Period. ODR providers must submit no less frequently than once per year, a statement certifying that the ODR projects for which it is requesting compensation continue to perform in accordance with their filed M&V Plans. The costs associated with measurement and verification shall be borne by the ODR supplier. Distributed Generation ODRs must include individual metering or a metering protocol consistent with the IPMVP and the ISO New England M-LRP.

Merchant suppliers of ODR projects must submit a detailed M&V Plan for the ISO's review and approval for each project. M&V plans must meet the criteria defined in M-LRP Appendix E. The ISO will review, recommend modifications, or approve ODR M&V Plans within 15 days of receipt of an M&V Plan submitted in accordance with this guideline.

¹ The most current version of the ISO New England Load Response Program Manual (M-LRP) Appendix E can be found at the ISO New England web site http://www.iso-ne.com/rules_proceeds/isone_mnls/index.html.

² The IPMVP volumes I, II, and III can be downloaded from the IPMVP web site <http://www.ipmvp.org>.

All utility and state-sponsored ODR providers operating programs under state review must submit ODR M&V Plans for those programs for ISO New England review and comment. Notwithstanding projects for which the ISO must approve the critical peak hours across which average hourly load reductions must be computed, the ISO shall not approve the M&V Plans of state public utility commission approved ODR programs. Acceptable ODR M&V Plans from utility and state-sponsored programs shall include, but are not limited to, ODR M&V Plans adopted or approved by state public utility commissions, utility ODR provider annual reports, technical manuals and ODR M&V Plans reviewed by state public utility commissions with jurisdiction of the ODR utility provider.

M&V Plan Template³

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| Company Name: | |
| Project Name: | |
| Submission Date: | |
| Company Address: | |
| Contact Name: | |
| Telephone/FAX Number | |
| E-Mail Address | |

1.0 Project Summary

2.0 Demand Resource Measure Description:

3.0 Demand Resource Equipment Specifications and Documentation:

4.0 Measurement and Monitoring Strategy:

4.1. Monitoring Parameters and Variables:

4.2. Monitoring Interval and Period:

4.3. Measurement Equipment Specifications:

4.4. Measurement Data Collection and Management Plan:

4.4.1. Measurement Data Validation, Editing and Estimating Plan:

5.0 Statistical Sampling Plan:

5.1. Description of Population(s)

5.2. Sample Size Calculations

5.3. Method of Sampling:

6.0 Demand Reduction Calculation Methodology:

³ ISO New England Real-Time Profiled Response Program Monitoring & Verification Plan. ISO New England Load Response Program Manual, Revision: 9 Effective Date: April 7, 2006.