



**To:** Market Participants, DNP3 RTU Vendors and Integrators

**Date & Time:** May 6, 2009, 9:00 A.M.-4:00 P.M.

**Location:** ISO New England

**Subject:** Demand Resource Integration Working Group Meeting

**RSVP by e-mail to [rburke@iso-ne.com](mailto:rburke@iso-ne.com) no Later than noon on May 4, 2009 and include the Attendee Name(s), Title, Company.**

**Written technical questions should be submitted no later than close of business on May 1, 2009 to [pfriedland@ISO-NE.com](mailto:pfriedland@ISO-NE.com), [wkazibwe@iso-ne.com](mailto:wkazibwe@iso-ne.com) and [rburke@iso-ne.com](mailto:rburke@iso-ne.com).**

**For other general questions, please contact Customer Support at (413) 540-4220 or via e-mail [CustServ@iso-ne.com](mailto:CustServ@iso-ne.com).**

### **Demand Resource Integration Project**

Demand-side resources are included alongside generators in the ISO New England Forward Capacity Market (FCM). Over 2000 MWs of these real-time demand side resources cleared the first Forward Capacity Auction for delivery starting in June 2010. ISO New England has initiated Smart Grid related capital projects to revamp the communications infrastructure for these critical demand side resources. At the completion of this project ISO New England Control Room operations staff will have the ability to reliably and securely dispatch these resources much the same as they do today with traditional energy and ancillary market resources.

The Demand Resource Integration (DRI) Project will design, develop and implement a secure and reliable communications infrastructure for Demand Resources across all New England starting June 1, 2010. This program is being deemed "one of the largest programs of its type in the US integrating the real-time dispatch of Demand Resources with the same tools that ISO/RTO Operations Staff use for communications with traditional resources."

### **Vendor Product Enhancements**

Not unlike the recent ISO New England RIG Replacement Project (<http://www.iso-ne.com/support/faq/rig/index.html>), the DRI Project will leverage standards including DNP3, DNP Secure Authentication and DNP XML Configuration of RTU devices.

In particular, ISO-NE is strongly encouraging vendors to adopt within their existing products to adhere to the following Requirements and Recommendations Documents

- *Demand Response RTU Specification*  
([http://www.iso-ne.com/committees/comm\\_wkgrps/otr/dritwg/mtrls/dr\\_communications\\_specifications.pdf](http://www.iso-ne.com/committees/comm_wkgrps/otr/dritwg/mtrls/dr_communications_specifications.pdf))

- *DNP Secure Authentication Recommendation*  
([http://www.iso-ne.com/committees/comm\\_wkgrps/othr/dritwg/mtrls/iso-ne\\_dri\\_project - dnp\\_secure\\_authentication\\_recommendation.pdf](http://www.iso-ne.com/committees/comm_wkgrps/othr/dritwg/mtrls/iso-ne_dri_project - dnp_secure_authentication_recommendation.pdf))
- *DNP XML RTU Configuration Requirement*  
([http://www.iso-ne.com/committees/comm\\_wkgrps/othr/dritwg/mtrls/dr\\_project\\_dnp\\_rtu\\_xml\\_configuration\\_requirements.pdf](http://www.iso-ne.com/committees/comm_wkgrps/othr/dritwg/mtrls/dr_project_dnp_rtu_xml_configuration_requirements.pdf))

### **DNP Products, Services and Integrators**

Given the size of the prospective DR Project, ISO-NE strongly encourages the involvement of DNP Product, System Integrators and Consultants to assist our Market Participants.

### **Demand Resource Working Group Meeting:**

ISO-NE is hosting the meeting of the Demand Resources Working Group. Many of the ISO-NE DR Participants and Demand Designated Entities (DDE) will be present and would appreciate an opportunity to meet respective RTU vendors and integrators. Although ISO-NE will not make vendor recommendations to its customers, ISO-NE will provide opportunity for vendors and interested DR Participants to interact and foster relationships during this conference. There will be time during breaks, lunch and following the meeting for such activity.

Important: This meeting is primarily for the benefit of ISO-NE and its Market Participants. Vendors are asked to respect the agenda of the meeting and use the meeting as a chance to gather information and foster business contacts with our Market Participants in need of assistance in meeting the aggressive goals of this project. If your company cannot make the meeting in person, your company will be afforded the opportunity to connect by conferencing communication (telephone).

If you have questions that your company wishes to raise during the meeting, please provide all questions in writing to the e-mail address communicated above.

Please reserve Wednesday, May 6, and make sure you have reserved your attendance to the meeting. ISO-NE Facilities are a secured facility and you will not be allowed access to the facility without being pre-authorized. No Exceptions.