

## Appendix G - Explanation of Terms and Instructions for Data Preparation of ISO New England Form NX-12G, Alternative Technology Regulation Resource Technical Data

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## GENERAL INFORMATION

The NX-12G Alternative Technology Regulation Resource (ATRR) Technical Data form requests information needed by ISO New England (ISO) to understand an ATRR's operating parameters. All required data must be provided for each ATRR, as per ISO New England Operating Procedure No. 14 - Technical Requirements for Generators, Demand Response Resources, Asset Related Demands and Alternative Technology Regulation Resources (OP-14), Section III.D

Once an initial NX-12G has been provided, any change in ATRR data must be reported to ISO via AskISO. The Lead Market Participant (Lead MP) for the ATRR shall provide an explanation and/or documentation to support the change request. The explanation may be in the form of a verbal review with ISO or written documentation, as stipulated by ISO. ISO shall review the supporting explanation and determine if the change request will be accepted, denied, or if further modification or information is needed in order to accept the change request

In order for an NX-12G form to be approved by ISO, all required data must be provided without errors and without omissions. It is the responsibility of the Lead MP to correct errors or omissions of NX-12G data and re-submit the corrected form to ISO. ISO will be the sole judge of when NX-12G data is complete and correct. The effective date for changes to NX-12G data items must be at least seven (7) days from the date that such determination is made by the ISO that the NX-12G data is complete and without errors.

**Revision** - Form revision identification and date of revision.

**Lead Market Participant** - The Lead MP of an ATRR as defined in ISO New England Inc. Transmission, Markets, and Services Tariff (ISO Tariff), Section I - General Terms and Conditions, I.2.2., Definitions.

**LP ID** - The Customer ID, as assigned to each entity at the time of Customer Registration, as defined in ISO New England Manuals and Procedures.

**ATRR/Asset ID** - The ATRR/Asset ID, as assigned to each ATRR at the time of Asset Registration Procedure, as defined in ISO New England Manuals and Procedures.

**ATRR Name** - The name of the ATRR must:

- Be unique to all ATRRs
- Length **cannot** exceed 30 characters

**Designated Entity** - Name of the entity which receives, acknowledges, and responds to the ISO dispatch instructions and communications registered in accordance with ISO Manual M-RPA for the ATRR.

**DE ID#** - The unique identification number assigned by the ISO at the time of Registration, in accordance with ISO Manual M-RPA for each DE

## **SPECIFIC INFORMATION**

### **Section 1: Data Revision Information**

This information includes the Data Revision Number, date prepared, name of person who prepared the data, and requested effective date.

**Data Revision No.** - The first time an NX-12G is filed by a Lead MP and approved by ISO, it must be assigned Data Revision Number 0. Each time revised data is submitted and approved by ISO, the Data Revision Number must be incremented. The revision number should only be incremented from one approved NX-12G to the next approved NX-12G. In other words, if changes to an approved NX-12G are desired and a new NX-12G form is submitted for approval, the data revision number should be incremented. If, however, there are errors or missing data on that new NX-12G form, another corrected form must be submitted by the Lead MP. This corrected form should have the errors corrected and/or missing data provided, but the Data Revision Number should be the same as on the previously submitted form. The Data Revision Number is incremented only from one approved NX-12G to the next approved NX-12G.

**Date Prepared** - The date on which the NX-12G form is completed and submitted to ISO.

**Requested Effective Date** - The date that the new NX-12G is to become effective. For a new ATRR, the effective date is to be at least One Hundred Twenty (120) days following the day that the designated recipient at ISO receives the NX-12G (assuming that the NX-12G form and all other required data are complete and without errors). For an existing ATRR, the effective date is to be at least seven (7) days following the day that the designated recipient at ISO receives the data (assuming it is complete and without errors). If there are NX-12 G data errors or omissions, subsequent submittals of corrected NX-12G data must have a Requested Effective Date that is at least seven (7) days from the date that the corrected NX-12G data is received by ISO.

## Section 2: Basic Information

This information indicates the upper and lower limits of the operating capability of the ATRR.

**Maximum Regulation Capacity** – The highest potential MW available to perform Regulation for the ATRR, inclusive of any/all sub-resources.

**Minimum Automatic Response Rate** - The lowest possible response rate in MW available to perform Regulation for the ATRR.

**Maximum Automatic Response Rate** - The highest possible response rate in MW available to perform Regulation for the ATRR, inclusive of any/all sub-resources.

**Estimated Maximum Injection** – The declared highest MW of output for the ATRR, inclusive of any/all sub-resources that can inject.

**Estimated Maximum Consumption** - The declared highest MW of consumption for the ATRR, inclusive of any/all sub-resources that can consume.

## Section 3: Description of Regulation

This should be a brief description of how Regulation is provided by all facilities and/or sub-resources associated with the ATRR.

**OP-14 Appendix G Revision History**

Rev. No.	Date	Reason
Rev 0	05/02/14	Initial document
Rev 1	10/31/14	Biennial review by procedure owner; Modified document title in headers; Updated general information regarding method of changing data; Modified title and deleted contact information in Section 1;
Rev 2	01/29/15	Section 3, modified to accommodate ATRR program changes;
Rev 2.1	09/19/16	Periodic review performed requiring no changes; Added required corporate document identity to all footers;
Rev 2.2	06/06/18	Periodic review performed requiring no changes; Made administrative changes required to publish a Minor Revision (globally updated OP-14 title in headers and General Information section);
Rev 2.3	02/04/20	Periodic review performed requiring no changes; Made errata correction in NX-12G form to correct cell title "Minimum Automatic Response Rate" to correlate with instruction with this appendix
Rev 2.4	09/28/21	Periodic review by procedure owner requiring no intent changes; administrative edits included to update terminology and acronyms.
Rev 2.5	09/26/23	Biennial review performed by procedure owner requiring no changes; Made administrative changes required to publish a Minor Revision.