APPENDIX F

Informative Deliverability Study Scope

Informative Deliverability Study Scope

All Bidders shall submit a study that includes the analysis outlined in this document for each submitted bid. The analysis can be provided as an individual study or included as a scenario in a broader interconnection study. Bidders must report all thermal overloads or voltage issues and the associated conditions (e.g. generator dispatches, contingencies), but are not required to propose upgrades to resolve the issues identified in this analysis.

Study Requirements

Unless otherwise stated, all study assumptions shall align with Section 2 ("Requirements for Interconnection Studies") of ISO New England Planning Procedure 5-6 ("PP05-6 (Revision 12)").

Load Level

The study must include a case with:

- Peak Load: 100% of projected ("90/10 forecast") peak New England Control Area load for the year the Generating Facility or ETU is projected to be in service;
- Intermediate Load: 18,000 MW New England Control Area;
- Light Load: 12,500 MW in the New England Control Area; and,
- Minimum Load: 8,000 MW in the New England Control Area.

Reference Section 2.3 of the September 12, 2023 edition of the ISO New England Technical Planning Guide for additional information.

Generator Dispatch

The generator under study must be dispatched at the maximum value in its proposed generation profile, regardless of the nameplate capacity of the ISO-NE interconnection request(s) associated with the bid. Table 1 specifies additional generator dispatch requirements. All pertinent ISO-NE generators in the queue should be included, which may include generators in addition to those in Table 1 below.

Table 1 – Generator Dispatch Requirements

Queue Position (QP)	Dispatch (MW)
QP 624	720 MW
QP 781	634 MW

All other dispatch assumptions must align with ISO New England Planning Procedure 5-6 and the ISO-NE Transmission Planning Technical Guide. All dispatch assumptions must be fully documented.

Transmission Topology

The following projects and their associated network upgrades must be included in the case topology:

- QP 624 – Upgrades identified in System Impact Study dated 1/2019
- QP 781 – Upgrades identified in System Impact Study dated 5/2020

All other case topology assumptions should align with the cases that would be used for a System Impact Study for the generator under study.

Steady State Analysis

Unless otherwise state in this document, all steady state analysis assumptions shall align with Section 3 ("Steady-State Analysis") of ISO New England Planning Procedure 5-6 and the ISO-NE Transmission Planning Technical Guide. Bidders shall run N-1 and N-1-1 analyses on all cases and clearly report all load flow results.