



NPCC 2010 New England Annual Interim Review of Resource Adequacy

ISO New England Inc.
Approved by the NPCC
Reliability Coordinating Committee
November 30, 2010

Régie de l'énergie
DOSSIER: R-3748-2010
DÉPOSÉE EN AUDIENCE
Date: 14 juin 2011
Pièces n°: C-070-0030

meet the RPS will be new projects being planned and not yet in interconnection queue, small renewable projects behind the meter, or the purchase of Renewable Energy Credits/Certificates (REC)s from projects in neighboring regions could meet any market shortfalls. Alternatively, affected Load Serving Entities (LSE) can make Alternative Compliance Payments to the states' "Clean Energy Funds," which would then help finance new, regional renewable energy projects.

3.7 Others

The interconnection benefits from neighboring Areas are considered in the LOLE assessments in both reviews. Since the 2008 Comprehensive Review, ISO-NE has conducted additional tie benefit studies to investigate the amount of tie reliability assistance New England can rely on from its neighbors for resource adequacy studies. Table 6 summarizes the tie benefit assumptions for these two reviews.

Table 6 – Assumed Tie Benefits from Neighboring Areas (MW)

Year	2008 Comprehensive Review	2010 Interim Review
2011	1,800	1,800 ⁶
2012	1,800	1,665 ⁷
2013	1,800	1,700 ⁸

Other assumptions for these two reviews are consistent with each other, or the impacts on the reliability results are negligible.

4. RESULTS

Tables 7 and 8 summarize the New England system Loss of Load Expectation (LOLE) results for the scenarios investigated within this interim review and those from the 2008 Comprehensive Review. The differences in the results of the two reliability reviews can be attributed to the differences in assumptions used for each review as previously outlined.

Table 7 – LOLE Under Reference Demand Forecast

Year	2008 Comprehensive Review (Days/Year)	2010 Interim Review (Days/Year)
2011	0.032	0.028
2012	0.045	0.000
2013	0.060	0.008

⁶ http://www.iso-ne.com/genrtion_resrcs/reports/nepool_oc_review/2008/icr_2011-2012_report_final_12-01-08.pdf

⁷ http://www.iso-ne.com/genrtion_resrcs/reports/nepool_oc_review/2009/icr_2012-2013_report_final_09-29-09.pdf

⁸ http://www.iso-ne.com/genrtion_resrcs/reports/nepool_oc_review/2010/icr_2013-2014_may_2010.pdf