

To: Participants Committee

From: Marc Lyons, Secretary – Reliability Committee

Date: June 14, 2010

Subject: **ACTIONS OF THE RELIABILITY COMMITTEE**

This memo is to notify the Participants Committee (“PC”) of the actions taken by the Reliability Committee (“RC”) at its June 14, 2010 meeting. All sectors with the exception of Alternative Resources, had a quorum.

(Agenda Item 2.0) Meeting Minutes

It was moved and seconded to approve the minutes (as edited at the meeting) of the following RC meetings:

- December 15, 2009 minutes
- December 21, 2009 minutes
- January 19, 2010 minutes
- January 20, 2010 minutes
- March 17, 2010 minutes
- March 22, 2010 minutes
- April 26, 2010 minutes
- April 29, 2010 minutes

The motion to approve the minutes passed, based on a show of hands with none opposed and no abstentions.

(Agenda Item 4.1) Stony Brook Generation and Transmission Project QP #174 – Proposed Plan Applications (“PPAs”) MMWEC-1—G01, MMWEC-10-T01

It was moved and seconded to recommend to ISO New England Inc. that no significant adverse impacts will result from Massachusetts Municipal Wholesale Electric Company’s (“MMWEC”) Proposed Plan Applications (“PPAs”) MMWEC-10-G01 and MMWEC-10-T01 to perform the following as detailed in Mr. Howard Person’s May 4, 2010 transmittal to Mr. Don Gates, Chair, Reliability Committee:

MMWEC-10-G01 – Generator notification from Massachusetts Municipal Wholesale Electric Company (“MMWEC”) for the construction of a 280 MW Combined Cycle generator located in Ludlow, MA.

MMWEC-10-T01 – Transmission notification from Massachusetts Municipal Wholesale Electric Company (“MMWEC”) for the installation of one 15.0/345 kV step up transformer and one 16.5/345 kV step up transformer interconnected through a single 345 kV circuit breaker to Stony Brook 54B substation 345 kV bus. In addition, install one 345 kV circuit breaker to provide switching capability/isolation for the existing Stony Brook generation.

The in-service date of the project is May 31, 2014. It is recommended that the Project would not have a significant adverse effect on the reliability or operating characteristics of the transmission facilities of Massachusetts Municipal Wholesale Electric Company, the transmission facilities of another Transmission Owner or the system of a Market Participant, is based on the Project analysis, as described in the report, “Interconnection System Impact Study Report Queue Position #174” dated May 5, 2010.

The motion to recommend a determination of no adverse effects passed based on a show of hands with none opposed and no abstentions.

Agenda Item 4.2 Palmer Renewable Generator and Transmission Project QP#273 – Proposed Plan Applications NU-10-G01 and NU-10-G01

It was moved and seconded to recommend to ISO New England Inc. that no significant adverse impacts will result from Northeast Utility System Company’s (“NU”) Proposed Plan Applications on behalf of Palmer Renewable Energy Center, LLC (“PPAs”) NU-10-G01 and NU-10-T01 to perform the following as detailed in Mr. Joseph Pilleteri’s June 8, 2010 transmittal to Mr. Don Gates, Chair, Reliability Committee:

NU-10-G01 – Generator Notification from Northeast Utility System Company (“NU”) on behalf of Palmer Renewable Energy Center, LLC for the construction of a 37 MW wood burning steam generator to be located in Springfield, MA.

NU-10-T11 – Transmission notification from Northeast Utility System Company (“NU”) on behalf of Palmer Renewable Energy Center, LLC for the construction of a 115/13.8 kV Generator Step Up (GSU) Transformer at Palmer Renewable Energy Center generating station and generator lead to interconnect to Cadwell 115 kV switching station. In addition, install a 115 kV, 63 kA circuit breaker at Palmer Renewable Energy Center generation station, a 115 kV, 63 kA circuit breaker at Cadwell 115 kV switching station and associated disconnect switches, protection and controls.

The in-service date of the project is May 2012. It is recommended that the Project would not have a significant adverse effect on the reliability or operating characteristics of the transmission facilities of Northeast Utility System Company, the transmission facilities of another Transmission Owner or the system of a Market Participant, is based on the Project analysis, as described in the report, “SIS Steady State Study Report for the Proposed Wood-burning Steam Unit Project (#273) in Massachusetts dated May 14, 2010.

The motion to recommend a determination of no adverse effects passed based on a show of hands with none opposed and no abstentions.

Agenda Item 4.3 Spruce Mountain Wind QP#290 and Spruce Mountain Wind Expansion QP#323– Proposed Plan Applications ECO-10-G01 and ECO-10-G02

It was moved and seconded to recommend to ISO New England Inc. that no significant adverse impacts will result from ECO Industries, LLC’s (“ECO”) Proposed Plan Applications on behalf of Patriot Renewables, LLC, ECO-10-G01 and ECO-10-G02 to perform the following as detailed in Mr. Todd Presson’s June 3, 2010 transmittal to Mr. Don Gates, Chair, Reliability Committee:

ECO-10-G01 – Generator notification from ECO Industries, LLC (“ECO”) on behalf of Patriot Renewables, LLC for construction of nine 2 MW wind turbine generators with a total output of 18 MWs to be located in Woodstock, MW.

ECO-10-G02 - Generator notification from ECO Industries, LLC (“ECO”) on behalf of Patriot Renewables, LLC as project expansion of Spruce Mountain Wind Project (#290) for construction of one 2 MW wind turbine generators with a total output of 2 MWs to be located in Woodstock, MW.

The in-service date of the project is November 2010. It is recommended that the Project would not have a significant adverse effect on the reliability or operating characteristics of the transmission facilities of ECO Industries, LLC, the transmission facilities of another Transmission Owner or the system of a Market Participant, is based on the Project analysis, as described in the report, “System Impact Study Report (Rev. 3) dated May 17, 2010.

The motion to recommend a determination of no adverse effects passed based on a show of hands with none opposed and no abstentions.

(Agenda Item 6.0) FCM Maintenance Allotment Values for 2013/2014 Capacity Commitment Period

It was moved and seconded to recommend to the ISO to continue to use of the maintenance allotments values developed for the first three Capacity Commitment Periods, as illustrated in the table below, for both the fourth Capacity Commitment Periods (June 1, 2013 through May 31, 2014) and fifth Capacity Commitment Period (June 1, 2014 through May 31, 2015) contingent on ISO-NE committing to re-evaluate the maintenance allotment values via stakeholder discussions, that may include discussions with both the RC and MC, for use in the sixth Capacity Commitment Period (June 1, 2015 through May 31, 2016).

Maintenance Allotment Values			
Generator Type	Not to Exceed EPOH	Over This Many Power Years	Not to Exceed in a Power Year
Coal Fired Steam Plant – Subcritical	7,200	9	1,400
Coal Fired Steam Plant – Supercritical and	8,400	9	1,700

Cyclone Boilers			
Oil and Dual-fired Steam Plant - Subcritical	6,500	9	1,400
Oil and Dual-fired Steam Plant - Supercritical	7,700	9	1,700
Natural Gas Fired Steam Plant	6,500	9	1,400
Waste Fuel Fired Steam Plant	6,500	9	1,400
Combined Cycle Combustion Turbine Plant	5,000	9	1,400
Natural Gas Simple Cycle Turbine Plant	1,200	3	1,000
Jet Fuel Fired Simple Cycle Turbine Plant	1,200	3	1,000
Oil Fired Simple Cycle Turbine Plant	1,700	3	1,100
Internal Combustion Engine Plant	1,600	3	1,100
Nuclear Power Plant	2,500	3	1,400
Hydro Power Plant	6,900	10	2,000
Pumped Storage Power Plant	6,900	10	2,000

The motion to recommend ISO New England approval passed based on a show of hands with none opposed and no abstentions.

(Agenda Item 7.2) Planning Procedure 10 – Procedure to Support the Forward Capacity Market

It was moved and seconded to recommend Participants Committee support for revision of ISO New England Planning Procedure PP 10 – Planning Procedure to Support the Forward Capacity Market, together with such other changes as discussed and agreed to at the meeting and such other non-material changes as may be approved by the Chair and Vice-Chair of the Reliability Committee following the meeting.

The motion to recommend Participants Committee approval was passed, based on a show of hands, with none opposed and no abstentions.