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February 1, 2013

Via Hand-Delivery and Electronic Mail

Ms. Jane Murray, Secretary
New Hampshire Site Evaluation Committee
N.H. Department of Environmental Services
29 Hazen Drive
Concord, NH 03302-0095

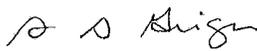
**Re: Docket No. 2012-01-Application of Antrim Wind Energy, LLC
Applicant's Response to IWAG's Supplemental Memorandum**

Dear Ms. Murray:

Enclosed for filing with the New Hampshire Site Evaluation Committee in the above-captioned matter please find an original and 9 copies of the *Applicant's Response to IWAG's Supplemental Memorandum*.

Please contact me if there are any questions about this filing. Thank you for your assistance.

Very truly yours,


Susan S. Geiger

Enclosure

cc: Service List (excluding Committee Members)
Clark A. Craig, Jr. (by first class mail)
958677_1

**THE STATE OF NEW HAMPSHIRE
BEFORE THE
NEW HAMPSHIRE
SITE EVALUATION COMMITTEE**

DOCKET NO. 2012-01

**APPLICATION OF ANTRIM WIND ENERGY, LLC
FOR A CERTIFICATE OF SITE AND FACILITY**

**APPLICANT'S RESPONSE TO
IWAG'S SUPPLEMENTAL MEMORANDUM**

NOW COMES Antrim Wind Energy, LLC ("AWE" or "the Applicant") by and through its undersigned attorneys, and responds to the Supplemental Memorandum of the Industrial Wind Action Group Responding to Late-Filed Antrim Wind Energy, LLC Documents as follows:

1. At the adjudicative hearing in the above-captioned docket, premarked Exhibit AWE 10 was reserved for the Applicant's ISO-New England System Impact Study. *See* Tr. Oct. 29, 2012 at 6:5.
2. On January 16, 2013, the Applicant submitted to the New Hampshire Site Evaluation Committee ("SEC" or "Committee") two documents labeled Exhibit AWE 10-A ("Steady State System Impact Study") and Exhibit AWE 10-B ("Stability Study Report") which are intended to comprise the above-referenced Exhibit AWE 10. A cover letter and copies of electronic mail messages were also submitted with the Exhibits. As the electronic mail messages indicate, the Applicant had been working with ISO-New England to redact confidential Critical Energy Infrastructure Information ("CEII") from the two documents so that they could be publicly disclosed. As the Presiding Officer noted, "[t]he system impact studies performed by ISO-NE are undoubtedly critical energy

infrastructure information that should not be publicly available.” Supplemental Order Regarding Discovery and Denying Motion for Reconsideration (Oct. 2, 2012) at 5. As the electronic mail messages also indicate, ISO-New England provided the Applicant with the redacted documents on January 15, 2013, a day before they were submitted to the SEC in this docket.

3. Because an exhibit had been reserved for the above-referenced documents prior to the close of the record of this docket, and because they were submitted a day after ISO-NE provided them to the Applicant, they are not late-filed as suggested by Industrial Wind Action Group [“IWAG”].

4. IWAG’s Supplemental Memorandum is improper as the procedural schedule in this docket did not include post-hearing filings addressing reserved exhibits filed after the close of the adjudicative hearings, and because IWAG did not file a motion for leave to file its Supplemental Memorandum. As such, the Supplemental Memorandum is improper and should be stricken from the record in this proceeding. *See* Tr. Sept. 6, 2012, Session 1 at 10:21 – 11:3 (Presiding Officer struck Applicant’s reply brief, noting no provision in order for reply briefs, nor motion for leave to file same.)

5. If IWAG’s Supplemental Memorandum is not stricken from the record, the SEC should deny the IWAG’s request for a memorandum from the Applicant “explaining the limitations cited in the Report and to explain for all parties how these limitations may, or may not, impact the Project’s claimed benefits.” *Supplemental Memorandum* at 3. While the requested information may be of interest to some, it is unnecessary for the Committee’s deliberations in this docket, as RSA 162-H:16 does not require a finding regarding an energy project’s impacts on the regional electric system. To the extent the

issue may arguably be viewed as related to the public safety determination under RSA 162-H:16, IV(c), the concerns addressed by IWAG can be addressed by a condition in the Certificate of Site and Facility such as the one imposed in the Groton Wind case. There, the SEC required the Applicant to continue to cooperate with the requirements of ISO New England and to obtain all ISO-NE approvals necessary to a final interconnection agreement for the Project. *See Application of Groton Wind, LLC*, SEC Docket No. 2010-01, Order on Motions for Clarification, Rehearing and Reconsideration (Aug. 8, 2011) at 4.

6. No useful purpose would be served by requiring the Applicant to address how potential transmission restrictions may impact its capacity factor, air emission benefits, economics, or tax agreements. It is undisputable that the Project will not have an unreasonable adverse impact on air quality, and the remaining issues are not those upon which the SEC must make a determination in order to grant a Certificate of Site and Facility.

7. Notwithstanding the foregoing, to the extent that the Committee is interested in receiving information that responds to IWAG's allegations, the Applicant submits as follows:

A. Contrary to IWAG's assertions, the testimony provided by Mr. Kenworthy in his supplemental prefiled testimony and during day one (Oct. 29, 2012) of the evidentiary hearings is accurate. There are two studies related to interconnection that were performed by ISO-NE on behalf of the Applicant: a Stability Study Report and a Steady State Report, both of which were provided by the Applicant as soon as ISO-NE made them available. *See Ex. AWE 10A & 10B* (electronic

correspondence with ISO-NE attached to cover letter). The final conclusion of the stability study report states:

The Study determined the Project operating with field bus control (centralized voltage regulator) controlling the Project's 115 kV Point of Interconnection voltage, nominal tap settings (ratio of 1.0) for the 34.5/115 kV main transformer and 12/34.5 kV Wind Turbine GSU and **without any system upgrades, will not have an adverse impact on the stability of the power system.**

Ex. AWE 10-B (Stability Study Report) at vi (emphasis added). The final conclusion of the Steady State Report states:

For pre-NEEWS/Pittsfield-Greenfield conditions, due to the thermal overload on the portion of the L163 line between the Point of Interconnection and Keene and the impact to the East-West transfer limits, this portion of the L163 115 kV line will need to be upgraded to a minimum LTE rating of [REDACTED for CEII]. **This upgrade is not required, however, because this impact is addressed by the Pittsfield-Greenfield project.** In the event that the Project wishes to connect before the Pittsfield-Greenfield project is energized, without upgrading the L163S line, the Project may be subject to additional operational restrictions to address this overload on a day-to-day basis, as described in the ISO New England Transmission, Markets, and Services Tariff, section II, schedule 22, appendix 6, article 5.9.

[REDACTED for CEII]

The estimated in-service date for the Project is December 2013; **if the Project does not elect to upgrade the Line L163 and elects to rely on the Pittsfield-Greenfield Project to mitigate the overload of Line L163 and impacts to thermal limits on transfers across the East-West Interface, then the project can interconnect in 2013 as planned.** However, until the Pittsfield-Greenfield Project is constructed, the Project may be restricted in real-time operations to mitigate the potential overload of Line L163 and impacts to thermal transfer limits. If for reasons beyond NU's control (e.g. siting and regulatory approval) the Pittsfield-Greenfield Project is cancelled, the Project will be held responsible to upgrade the section of Line L163 from the Project's Point of Interconnection to the Keene substation.

The steady state and short circuit analyses performed show that the Project, along with the proposed thermal solutions, will not have a steady state adverse impact on the reliability or operating characteristics of the power system.

Ex. AWE 10-A (Steady State System Impact Study Report) at 1-4 (emphasis added).

B. IWAG raises two issues in its January 28 supplemental memo, and neither issue warrants the relief sought. First, IWAG asserts that the planned elements of the Pittsfield-Greenfield Project that are required to be in place (or planned as reliability upgrades) in order for the Project to avoid a thermal uprate of L-163 between the point of interconnection and Keene substation (namely the installation of the Northfield 345kV/115kV autotransformer as part of the Pittsfield-Greenfield Project) may not occur, thus burdening the Project with a potential future upgrade. IWAG incorrectly and misleadingly states that the planned Pittsfield-Greenfield reliability upgrades have not received Proposed Plan Application (“PPA”) approval by ISO-NE. In fact, many elements of the Pittsfield-Greenfield Project, including NU-12-T32 for the Northfield autotransformer received PPA approval in November 2012. *See* Attach. A (Minutes of the ISO-NE Reliability Committee Meeting (Nov. 13, 2012)) (indicating approval of the PPA); Attach. B (Correspondence from Stephen J. Rourke, ISO-NE to Dean Latulipe, New England Power Company and Joseph Pilleteri (Northeast Utilities Service Company) (Dec. 7, 2012)) (finding no significant adverse effect with regard to the NU-12-T32 PPA). These documents demonstrate the specific approvals which have been obtained in accordance with Section I.3.9 of the ISO Tariff.

C. This planned, approved upgrade has been deemed necessary for the reliability of the regional transmission system independent of the Applicant's Project and is scheduled to be energized in 2016.¹ As such, and as stated in the report, the Applicant is not required to upgrade the section of L-163 between the point of interconnection and Keene substation. In addition, any financing party will be aware of the unlikely scenario that the upgrade (which has already received PPA approval) could be cancelled, because entities considering financing the Project will be aware of ISO-NE's reports. As such, a condition on any Certificate of Site and Facility which requires the Applicant to demonstrate that financing is in place prior to commencing construction would address IWAG's concern.

D. The second issue raised by IWAG in its Supplemental Memorandum is the potential that that project may deliver less energy, and therefore provide less of an environmental benefit, if it is subject to any operational restrictions during the period between when the Project achieves commercial operations and the time at which the Northfield 345/115 kV autotransformer (as part of the Pittsfield-Greenfield project) is energized. With respect to this issue, the Applicant does not believe that the impacts of operating temporarily under limited operations will be material to the facility's output.

E. The Applicant offers two reasons for this view. First, the Project's planned commercial operations date is September 2014 and relevant the Pittsfield-Greenfield reliability upgrades are expected to be energized in 2016. Thus, the

¹ The November 13, 2012 meeting minutes indicate that the upgrade will be complete in 2017. *See* Attachment A. However, official correspondence from ISO-NE dated a month later indicate that the upgrade will be in-service in June 2016. Attachment B (dated December 7, 2012).

time during which any potential operational restrictions *may* be imposed is approximately two years for a facility with an expected operational life of at least 20 years. Second, as described in the Steady State Report, the scenarios under which the Project was found to create conditions leading to an overload on L163 (therefore triggering limited operations) were limited to shoulder season times coincident with high east-west transfers and under certain other specific system operating assumptions. Ex. AWE 10-A at 1-2; *see also id.* at sections 4 and 9. Among them, that Vermont Yankee nuclear power plant is completely off-line; all Northfield and Bear Swamp pumped storage hydro units are simultaneously switched to pumping mode; and several other simultaneous operating assumptions detailed in Section 4.1.1 of the Steady State Report. *Id.* at 4-2 through 4-3.

F. These study cases, including the shoulder season high east-west transfer case, are specifically designed to stress the system under unusual conditions that may never arise under realistic circumstances. It is for this reason that section II, schedule 22, appendix 6, Section 5.9 of the ISO-NE Transmission, Markets, and Services Tariff specifically allows generators to interconnect under the limited operations provisions – a situation that is not unique to the Project. Based on the clear results of the two studies conducted by ISO-NE on behalf of the Applicant, AWE asserts that the potential for any material operational curtailment between its operations date and the time the planned, approved reliability upgrades are energized will be minimal to non-existent and the timeframe for that period is short.

WHEREFORE, in view of the foregoing, the Applicant respectfully requests that the Committee:

- A. Strike the Supplemental Memorandum of the Industrial Wind Action Group Responding to Late-Filed Antrim Wind Energy, LLC Documents;
- B. Deny IWAG's request that the Application provide additional information responding to the ISO-NE documents;
- C. In the alternative, admit the foregoing responsive information into the record in this docket; and
- D. Grant such further relief as it deems appropriate.

Respectfully submitted,

Antrim Wind Energy, LLC
By its attorneys,
ORR & RENO, P.A.
One Eagle Square
P.O. Box 3550
Concord, NH 03302-3550

By: 
Rachel A. Goldwasser
Telephone: (603) 223-9163
Email: rag@orr-reno.com

February 1, 2013

Certificate of Service

I hereby certify that on this 1st day of February, 2013 a copy of the foregoing Response was sent by electronic or U.S. mail, postage prepaid, to persons named on the Service List of this docket, excluding Committee Members.


Rachel A. Goldwasser

**Minutes of the
Reliability Committee Meeting
Doubletree Hotel, Westborough, MA
November 13, 2012**

Members Present	Sector	Affiliation
M. Lyons	Secretary	ISO New England Inc.
W. Fowler	Vice-Chair	Sigma Consultants, Inc.
	Generation (1) Supplier (2)	Sigma Consultants, Inc. representing BG Dighton Power, LLC Sigma Consultants, Ind. representing Exelon Generation Company, LLC and Granite Ridge Energy, LLC
C. Beveridge	Transmission	Central Maine Power Company
C. Liu	Publicly Owned (26)	Massachusetts Municipal Wholesale Electric Company, and representing some 26 publicly owned Participants
B. McKinnon	Publicly Owned (3)	Connecticut Municipal Electric Energy Cooperative and representing 2 publicly owned Participants
C. Pless	Transmission	Northeast Utilities Service Company
T. Morrissey (ph)	Generation	Dominion Energy Marketing
F. Etori	Transmission	Vermont Electric Power Company, Inc.
F. DaSilva	Generation	NextEra Energy
J. Martin	Transmission	New England Power Company
T. Kaslow	Supplier	GDF Suez
C. Bowie	Transmission	Northeast Utilities Service Company
J. Fenn	Transmission	Bangor Hydro Electric Company
P. Smith	Generation	GenOn Energy Management
R. Stein	Supplier (3)	Signal Hill Consulting Group representing H.Q. Energy Services (US) Inc., and representing by proxy NRG Power Marketing, LLC and PSEG Energy Resources & Trade
J. Rotger (ph)	Supplier	Cross Sound Cable Co.
S. Kirk	Supplier	Constellation Energy Commodities Group
W. Killgoar	Supplier	Long Island Power Authority
A. Scarfone	Transmission	Northeast Utilities Service Company
R. Borgaesani	End User	The Energy Consortium
F. Plett (ph)	End User	Massachusetts Attorney General Office
C. Scott (ph)	Alternative Resource	First Wind Energy
N. Chafetz (ph)	Supplier	Energy America
A. Boutsioullis	Transmission	United Illuminating Company
P. Tarmey	End User	Massachusetts Attorney General Office
E. Abend (ph)	Alternative Resources	Small Renewable Generation Member
Guests Present		Affiliation
J. Pilleteri		Northeast Utilities Service Company
K. Haag		ISO New England Inc.
J. Lisowski		Chicopee Electric Light Department
Joe Staszowski (ph)		Northeast Utilities Service Company

L. Fink (ph)		Maine Public Utilities Commission
D. Capra		NESCOE
D. Shah (ph)		Rhode Island Public Utilities Commission
R. Mueller		Twin River Resource Management
T. Bissette		Massachusetts Department of Public Utilities
R. Pelletier		Massachusetts Department of Public Utilities
M. Winkler		ISO New England Inc.
B. Oberlin		ISO New England Inc.
J. Norden		ISO New England Inc.
G. Elliott		ISO New England Inc.
S. Jones		ISO New England Inc.
C. Nelson		ISO New England Inc.
S. Doe		ISO New England Inc.
S. Chaudhuay		ISO New England Inc.
A. Santana		ISO New England Inc.
T. Paradise		ISO New England Inc.
J. Simonelli (ph)		ISO New England Inc.
P. Chatopadhyay (ph)		New Hampshire Public Utilities Commission
E. Runge		Day Pitney
C. Sedlacek		ISO New England Inc.
R. Vega (ph)		ISO New England Inc.
W. Lohrman (ph)		FERC

Item 1.0 – Chair’s Remarks

Mr. Bill Fowler (Exelon) announced that Mr. Gates is unable to attend today’s meeting and he will be acting as Chair. There is a quorum in all sectors with the exception of AR. Mr. Fowler then provided an EIPC update. Mr. Eric Runge provided a status update on the position of RC Vice Chair. There are no nominees that have come forward with the exception of Mr. Fowler. A vote on his re-nomination will be taken at the RC at the January 2013 meeting.

Item 2.0 – Meeting Minutes

A review was performed of the October 16, 2012 Meeting Minutes. There were no questions from the committee on this topic.

A motion to approve the meeting minutes was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Motion passes.

Item 3.0 – Hurricane Sandy Storm Review

Mr. John Norden (ISO) provided an overview of operational events in New England as a result of Hurricane Sandy.

Mr. Al Scarfone (NU) asked why some power and which resources are still out of service in New England.

Mr. Norden stated that he is not at liberty to discuss the specific resources still out of service as it would reveal propitiatory customer information.

Ms. Dorothy Capra (NESCOE) asked what was the reason that a resource didn't respond to the ISO dispatch instructions. Was it fuel related?

Mr. Norden replied that he can't respond to the specifics on why the unit did not respond.

Some additional clarifying questions were asked and responded to by Mr. Norden.

Item 4.0 - Proposed Plan Application – Level II/III

Item 4.1 – Pittsfield/Greenfield Area Upgrades - Level III PPAs – NEP-12-T13, NEP-12-T14, NU-12-T29 through NU-12-T39 and NU-12-T41

Mr. Joe Pilleteri (NU) provided an overview of the Pittsfield/Greenfield Area Upgrades Project.

Mr. Bob Stein (HQ US) asked what is the in service date of the project?

Mr. Pilleteri stated that the NU portion of the project will be completed in 2017.

A motion to approve the project was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Motion passes.

Item 4.2 – South Norwalk Substation Substation Project - Level II PPA NU-12-T27, CTMEEC-11-T01-Rev.1

Mr. Robert Russo (NU) provided an overview of the South Norwalk Substation Project.

Bruce McKinnon (CMEEC) commented that CTMEEC provided a subsequent PPA revision to this project that was included as part of the project and the Motions Letter.

A motion to approve the project was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Motion passes.

Item 4.3 – Wallingford Capacity Increase Project – Level II PPA TERM-12-G01

Mr. Ron Mueller (Twin Eagle) provided an overview of the Wallingford Capacity Increase Project.

There were no questions from the committee on this project.

A motion to approve the project was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions. Motion passes.

Item 5.0 – Proposed Plan Applications – Level 0/I

Item 5.1 – 107 Line Reconductor Project – Level I – NSTAR-12-T17

Mr. Wayne Karsenski (NSTAR) provided an overview of the 107 Line Reconductor Project.

Mr. Frank Etori (VELCO) asked if there is a cost estimates required for a Level I PPA. Mr. Brent Oberlin (ISO) stated that there are no cost estimates required for any PPAs. Cost estimates are addressed in TCAs.

There were no additional questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.2 – Baker Street/Newton Oil Line and Substation Project – Level I – NSTAR-12-T16

Mr. Wayne Karsinski (NSTAR) provided an overview of the Baker Street/Newton Oil Line and Substation Project.

There were no questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.3 – Line 115 Upgrade Project – Level I – NSTAR-12-T17

Mr. Souren Tourian (NSTAR) provided an overview of the Line 115 Upgrade Project.

There were no questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.4 – No Fossil Fuel Solar Project – Level 0 – NSTAR-12-G16

Mr. Keith Jones (NSTAR) provided an overview of the No Fossil Fuel Solar Project.

There were no questions from the committee on this project and no objections to the Level 0 classification. Project approved.

Item 5.5 – Hyannis Junction Substation Transformer Project – Level I – NSTAR-12-T18

The project was pulled from the agenda at the request of NSTAR. This project will come back for consideration at a future Reliability Committee meeting.

Item 5.6 – Putnam Station #831 Bus Improvement Project – Level I – NSTAR-12-T19

The project was pulled from the agenda at the request of NSTAR. This project will come back for consideration at a future Reliability Committee meeting.

Item 5.7 – Crystal Springs Substation Transformer Replacement Project – Level I – NSTAR-12-T13

Mr. Keith Jones (NSTAR) provided an overview of the Crystal Springs Substation Transformer Replacement Project.

There were no questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.8 – Adams Substation Project – Level I – NEP-07-T26-Rev.1

Mr. Jack Martin (NEP) provided an overview of the Adams Substation Project revision.

There were no questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.9 – Varian Semiconductor Wind Project – Level 0 – NEP-12-GNF12

Mr. Jack Martin (NEP) provided an overview of the Varian Semiconductor Wind Project.

There were no questions from the committee on this project and no objections to the Level 0 classification. Project approved.

Item 5.10 – Bennington Line Change Project – Level I – VELCO-12-T09, VELCO-T10, VELCO-12-T11

Mr. Frank Etori (VELCO) provided an overview of the Bennington Line Change Project. Mr. Etori noted that there was a typo in the agenda description for VELCO-12-T11. Description should state Line Y 25 is 69 kV versus 115 kV.

There were no questions from the committee on this project and no objections to the Level I classification. Project approved.

Item 5.12 – Hatfield Solar Project – Level 0 – NU-12-T40

Mr. Al Scarfone (NU) provided an overview of the Hatfield Solar Project.

There were no questions from the committee on this project and no objections to the Level 0 classification. Project approved.

Item 5.13 – Keene Rd/Chester 115 kV Line PPA Withdrawal Notification – BHE-08-T04

Mr. Jeff Fenn (BHE) provided notification to the committee regarding the PPA withdrawal of the Keene Rd/Chester 115 kV Line Project. Project is being withdrawn due to issues discovered during additional project studies identifying loss of source and transformer overload. BHE plans to address this issue with a new project to be submitted at a later date.

There were no questions and no objections to the PPA withdrawal.

Item 5.14 – Kendall Jet #2 PPA Withdrawal Notification – MIR-07-G01

Mr. Phil Smith (GenOn) provided notification to the committee regarding the PPA withdrawal of the Kendall Jet #2 Project.

There were no questions and no objections to the PPA withdrawal.

Item 5.15 – Gorge Gas Turbine – QP #274 PPA Withdrawal Notification – GMP-09-G01

Mr. Frank Etori (VELCO on behalf of GMP) provided notification to the committee regarding the PPA withdrawal of the Gorge Gas Turbine Project.

There were no questions and objections to the PPA withdrawal.

Item 6.0 – MPRP TCA Update

Mr. Curt Beveridge (CMP) provided an update regarding the CMP MPRP TCA.

Mr. Bob Stein (HQ US) commented that the original cost of the project was approximately \$1.6B. Why does this update state the total cost is \$1.4B?

Mr. Beveridge replied that there was a line included as part of the project that was to be built at 345 kV but operated at 115 kV. After discussions with ISO, that specific PPA was removed from the MPRP project and will be built as 115 kV. As such the total project costs were adjusted.

Mr. Frank Etori (VELCO) asked what is the total TCA amount approved for the project.

Mr. Dave Conroy (CMP) stated it is \$1.512B.

Mr. Jose Rotger (CSC) asked if this project includes spare transformers.

Mr. Beveridge stated that there are no spare transformers associated with this project.

Item 7.0 Operating Procedures

Item 7.1 – OP 11 – Black Start Capability Testing and Appendices

Mr. Kory Haag (ISO) provided an overview of the revisions to OP 11 and the associated Appendices (OP 11C – OP 11G) as it pertains to the Black Start program and Schedule 16 changes.

Mr. Al Scarfone (NU) asked in regards to page 12 of the document pertaining to the inability to provide Black Start services, is that anytime during the year?

Mr. Haag stated it is.

Mr. Bill Fowler (Exelon) commented that in Appendix F, Step 12, it states the testing time begins 90 minutes from notification from ISO. It takes some units significant time to set up the dead bus to prepare for the test. Can you adjust the language to take into account the set up time to perform the test so the 90 minute deadline can be met?

Mr. Haag stated ISO will make that revision in the document.

There were no additional questions from the committee on this topic.

A motion to approve the changes to the Operating Procedure and the associated Appendices was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions.

Item 7.2 – OP 14 – Technical Requirements for Generators, Demand Resources and Asset Related Demands and Appendices

Mr. Steve Jones (ISO) provided an overview regarding the revisions to OP 14 and the associated appendices (OP 14A, OP 14E), and forms (NX-12, NX-12E) regarding the centralization of Designated Entity information.

Ms. Dorothy Capra (NESCOE) asked if the provision for a second dedicated phone line been removed from the OP 18 procedure.

Mr. Jones stated it has.

Mr. Bruce McKinnon (CMEEC) suggested that ISO add an additional gas pipeline to account for the pipeline supplying the Northern Vermont gas generators (Vermont Gas).

Mr. Theodore Paradise (ISO) stated that we will add that for now and verify the formal name of the Vermont Gas pipeline name.

Mr. Bill Fowler (Exelon) asked what is the expectation for re-submission of the revised NX-12 form.

Mr. Jones replied that ISO will initiate a request for a new NX-12 beginning January 1, 2013.

A motion to approve the changes to the Operating Procedure and the associated Appendices was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions.

Item 7.3 – OP 6 – System Restoration

Mr. Gerry Elliott (ISO) provided an overview regarding the revisions to OP 6 and retirement of the associated OP 6 Appendices (OP 6A – OP 6G) pertaining to System Restoration. The Appendices standards will be included in MLCC 18.

Mr. Phil Smith (GenOn) asked what will be the market impacts to generator for dispatching and generation during Black Start conditions that will be well outside their normal offer parameters.

Mr. Elliott replied that he can not speculate on the market aspects of this situation. However, we will take that back for additional discussion.

Mr. Fowler (Exelon) commented that generators may not be able to access the Market System User interface to submit and revise generator offers.

Several additional clarifying questions and suggestions were asked and responded to by Mr. Elliott.

A vote on these Operating Procedure revisions will be taken at a future Reliability Committee meeting.

Item 8.0 - Non-Price Retirements

Item 8.1 – Johnston Landfill NPR

Mr. Brent Oberlin (ISO) provided an overview of the Johnston Landfill Non-Price Retirement Request.

There were no questions from the committee on this request.

A motion to approve the Non-Price Retirement was moved and seconded. A vote was taken by show of hands with none opposed and no abstentions.

Item 8.2 – Halifax BFI NPR

Mr. Brent Oberlin (ISO) provided an overview of the Non-Price Retirement Request for the Halifax BFI resource.

There were no questions from the committee on this request.

As the qualified MW value is less than 5 MWs, no advisory vote is required, the NPR is approved.

Item 8.3 – Pontiac Energy NPR

Mr. Brent Oberlin (ISO) provided an overview of the Non-Price Retirement Request for the Pontiac Energy resource.

There were no questions from the committee on this request.

As the qualified MW value is less than 5 MWs, no advisory vote is required, the NPR is approved.

Item 8.4 – AES Thames NPR

Mr. Brent Oberlin (ISO) provided an overview of the Non-Price Retirement Request for the AES Thames resource.

Mr. Cal Bowie (NU) asked that previously, AES Thames had qualified MWs of approximately 180 MWs. Even though their qualified MWs today are 0.0 MWs, would ISO conduct a reliability review?

Mr. Oberlin replied that the existing FCM rules do not require a review of that nature as their qualified MWs are 0.0 MWs. Any resource submitting an NPR of < 5 MWs do not require a review or advisory vote.

Mr. Bruce McKinnon (CMEEC) commented that wouldn't an accepted NPR invalidate the resource Interconnection Rights and as such, precludes them for being an Energy Only Resource.

Mr. Oberlin replied that it would.

As the qualified MW value is less than 5 MWs, no advisory vote is required, the NPR is approved.

Item 9.0 – Re-Evaluation of Reliability Need for Vermont Yankee for 2014/2015 Capacity Commitment Period

Ms. Mariah Winkler (ISO) provided an overview of the Re-Evaluation of Reliability Need for Vermont Yankee for 2014/2015 Capacity Commitment Period.

Mr. Cal Bowie (NU) asked if the Flagg Pond upgrades certified for FCA 4 or 5.

Ms. Winkler replied that the upgrades were certified for FCA 6.

Mr. Cal Bowie asked when does the ISO have to perform the Reliability Review.

Ms. Winkler stated that the re-evaluation needs to be performed by June 1, 2013.

However, it could be done earlier.

As there was no further business, it was moved and seconded to adjourn the meeting at 3:00 P.M.

Respectfully submitted,

Marc Lyons, Secretary
Reliability Committee



Stephen J. Runkle
Vice President, System Planning

December 7, 2012

Mr. Dean Latulipe
New England Power Company
40 Sylvan Road
Waltham, MA 02451-1120

Mr. Joseph Pilleteri
Northeast Utilities Service Company
107 Selden Street
Berlin, CT 06037-1651

Subject: Pittsfield/Greenfield Area Upgrades Project Proposed Plan Applications (PPAs)
NEP-12-T13, NEP-12-T14, NU-12-T29 through NU-12-T41

Dear Mr. Latulipe and Mr. Pilleteri:

This letter is to inform you that pursuant to review under Section I.3.9 of the ISO Tariff, no significant adverse effect has been identified with regard to the following PPAs:

NEP-12-T13 – Transmission notification from New England Power Company (NEP) at the Harriman substation to install a 115 kV tie breaker and reconductor both 115 kV main busses. Upgrade the 115 kV terminal equipment for E-131 circuit and replace five 115 kV breakers at the substation due to asset condition. Also construct a new 115 kV control house in the 115 kV yard and migrate the 115 kV controls and protection from the existing power house to the new control house. Proposed in-service date of the project is June 2017.

NEP-12-T14 – Transmission notification from NEP to reconductor the A-127 115 kV line with 2-477 ACCR between the new substation in Erving, MA and Montague Tap. Swap the existing tap to Montague from B-128 line to the A-127 line. Reconductor A-127 Tap to Montague with 1590 ACSS. Separate the A-127 and Y-177 lines (existing Double Circuit Tower structures) between Montague and Montague Tap onto independent single circuit structures. Proposed in-service date of the project is June 2017.

NU-12-T29 – Transmission notification from Northeast Utilities Service Company (NU) for the installation of a 14.4 MVAR 115 kV capacitor bank and 115 kV circuit breaker at the Podick 18G substation located in Amherst, MA. Proposed in-service date of the project is June 2016.

NU-12-T30 – Transmission notification from NU for the installation of a 14.4 MVAR 115 kV capacitor bank and 115 kV circuit breaker at the Amherst 17K substation located in Amherst, MA. Proposed in-service date of the project is June 2016.

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NU-12-T31 – Transmission notification from NU for the installation of a 14.4 MVAR 115 kV capacitor bank and 115 kV circuit breaker at the Cumberland 22B substation located in Greenfield, MA. Proposed in-service date of the project is June 2016.

NU-12-T32 – Transmission notification from NU for the expansion of the Northfield Mountain 16R substation into a breaker-and-a-half arrangement. The 345-kV 6T circuit breaker will be added to complete the existing partial breaker-and-a-half bay, and four additional 345-kV circuit breakers will be installed to form two new bays (one on the east side of the substation and one on the west side). A 345/115-kV autotransformer rated 632/730/862 MVA (normal/LTE/STE) will be installed with a new 115-kV circuit breaker on the low-side. Lines 354, 312 and 381 will be re-terminated into different bay positions. The five new 345-kV circuit breakers will have a nameplate rating of 3000A and an interrupting capability of 50 kA. The new 115-kV circuit breaker will have a nameplate rating of 4000A and an interrupting capability of at least 40 kA. Proposed in-service date of the project is June 2016.

NU-12-T33 – Transmission notification from NU for the construction of a new 115 kV station named Erving 38F switching station located in Erving, MA, in a ring bus configuration consisting of three 115 kV circuit breakers with a nameplate rating of 3000A and a short-circuit interrupting capability of at least 40 kA. Loop the existing A127 line into the new Erving switching station. Also terminate the new 1604 line. Proposed in-service date of the project is June 2016.

NU-12-T34 – Transmission notification from NU for the construction of a new 115 kV line 1604 from Northfield Mountain substation to the new Erving switching station located in Erving, MA. Proposed in-service date of the project is June 2016.

NU-12-T35 – Transmission notification from NU to rebuild the 1361 line from Montague 21C substation to Cumberland 22B substation on separate single-circuit structures. Proposed in-service date of the project is June 2016.

NU-12-T36 – Transmission notification from NU to disconnect the Montague 5T circuit breaker for line Y177 from the 11T/4T position and reconnect it into the 3T/4T position via a 115 kV underground cable. Install a 115 kV 40 kA circuit switcher on the high side of distribution transformer 3X. Provide high speed primary protection for the A127W line (Harriman-Montague-Erving). Proposed in-service date of the project is June 2016.

NU-12-T37 – Transmission notification from NU to remove the sag limitation on the 1512 line from Blandford 19J substation to Granville Junction. Proposed in-service date of the project is June 2016.

NU-12-T38 – Transmission notification from NU to remove the sag limitation on the 1421 line from Pleasant 16B substation to Blandford 19J substation. Proposed in-service date of the project is June 2016.

NU-12-T39 – Transmission notification from NU to reconductor the 1371 line from Woodland 17G substation to Pleasant 16B substation. Proposed in-service date of the project is June 2016.

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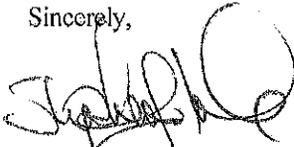
NU-12-T41 – Transmission notification from NU to upgrade the thermal rating of the 345 kV line 381 from the MA/NH border to NH/VT border. The upgrade will result in summer thermal ratings of at least 1358/1626/1760 MVA (normal/LTE/STE). The upgrade is to be achieved by increasing the maximum allowable conductor temperature to 140° C, which involves replacing connectors and raising structures. Proposed in-service date of the project is April 2013.

The in-service date of the project is stated in each of the individual PPAs. The Reliability Committee (RC) reviewed the materials presented in support of the proposed project and did not identify a significant adverse effect on the reliability or operating characteristics of the transmission facilities of NEP, NU, the transmission facilities of another Transmission Owner or the system of any other Market Participant.

Having given due consideration to the RC review, ISO New England has determined that implementation of the plan will not have a significant adverse effect upon the reliability or operating characteristics of the Transmission Owner's transmission facilities, the transmission facilities of another Transmission Owner, or the system of a Market Participant.

A determination under Section I.3.9 of the ISO Tariff is limited to a review of the reliability impacts of a proposed project as submitted by Participants and does not constitute an approval of a proposed project under any other provisions of the ISO Tariff.

Sincerely,



Stephen J. Rourke
Vice President, System Planning

cc: Proposed Plan Applications