

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE: :
 :
 APPLICATION OF NTE CONNECTICUT, LLC : DOCKET NO. 470B
 FOR A CERTIFICATE OF ENVIRONMENTAL :
 COMPATIBILITY AND PUBLIC NEED FOR :
 THE CONSTRUCTION, MAINTENANCE AND :
 OPERATION OF AN ELECTRIC POWER :
 GENERATING FACILITY OFF LAKE ROAD, :
 KILLINGLY, CONNECTICUT : MARCH 28, 2019

PRE-HEARING SUBMISSION
OF NTE CONNECTICUT, LLC

NTE Connecticut, LLC (“NTE”) hereby provides the Connecticut Siting Council (“Council”) with the following pre-hearing information available at this time regarding the above-referenced Application.

A. Administrative Notice

1. Business Wire, Exelon Generation Files to Retire Mystic Generating Station in 2022, Absent any Regulatory Solution March 29, 2018 (<https://www.businesswire.com/news/home/20180329005638/en/Exelon-Generation-Files-Retire-Mystic-Generating-Station>).
2. Cavicchi, Joseph A., Promoting Competitive Power Markets and Growing Zero-Emission Resources in New England, Compass Lexecon on behalf of NEPGA, November 7, 2018 (https://epsa.org/wp-content/uploads/2018/11/New_England_Future_Market_Analysis_11-7-18_Final-.pdf).

3. Jon Chesto, Lacking financing, utilities put \$3 billion natural gas pipeline on hold, Boston Globe, June 29, 2017
<https://www.bostonglobe.com/business/2017/06/29/utilities-withdraw-plan-for-billion-natural-gas-pipeline-expansion/o07zbTYmUIMWVmpjNIItQ3H/story.html>
4. Commonwealth of Massachusetts Department of Environmental Protection, Background Document on Proposed New and Amended Regulations, 310 CMR 7.00 & 310 CMR 6.00 Air Pollution Control for Stationary and Mobile Sources, December 16, 2016
https://www.mass.gov/files/documents/2018/11/20/gwsatsd16.doc?_ga=2.189707816.2058275737.1553721312-320568570.1553721312
5. Commonwealth of Massachusetts Department of Environmental Protection, Fact Sheet: Electricity Sector Regulations, 310 CMR 7.75 and 310 CMR 7.74, August 2017
<https://web.archive.org/web/20181023135128/http://www.mass.gov/eea/docs/dep/air/climate/3dfs-electricity.pdf>
6. Commonwealth of Massachusetts, Declaration of Emergency Notice (Title 49 CFR § 390.23), December 28, 2017
https://www.fmcsa.dot.gov/sites/fmcsa.dot.gov/files/docs/emergency/394476/emergency-declaration-december-2017_0.pdf
7. Connecticut Siting Council, Frequently Asked Questions
<http://www.ct.gov/csc/cwp/view.asp?a=3&q=484186&cscNav=|>

8. Connecticut Siting Council, Opinion, Docket No. 225 – Kleen Energy Systems, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of an Electric Generating Facility and Switchyard on River Road, Middletown, Connecticut, November 21, 2002 (<https://www.ct.gov/csc/cwp/view.asp?a=958&q=251436>).
9. Eversource Companies, Comments of the Eversource Companies, FERC Docket No. EL18-182-000 and ER18-2364-000, September 21, 2018 (<https://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=15046610>).
10. Federal Energy Regulatory Commission, 164 FERC ¶ 61,022, July 13, 2018 (<https://www.ferc.gov/CalendarFiles/20180713175746-ER18-1639-000.pdf>).
11. Federal Energy Regulatory Commission, Winter 2018-19 Energy Market Assessment, October 18, 2018 (<https://www.ferc.gov/market-oversight/reports-analyses/mkt-views/2018/10-18-18-A-3-presented.pdf?csrt=18253996868074337161>).
12. Federal Energy Regulatory Commission, 165 FERC ¶ 61,202, December 3, 2018 (https://www.iso-ne.com/static-assets/documents/2018/12/fuel_security_order.pdf).
13. Hibbard, Paul, Tierney, Susan & Franklin, Katherine, Electricity Markets, Reliability and the Evolving U.S. Power System, Analysis Group, June 2017 (https://www.analysisgroup.com/uploadedfiles/content/insights/publishing/ag_markets_reliability_final_june_2017.pdf).

14. Institute for Energy Research, New England in Need of More Natural Gas Pipeline Capacity, August 30, 2016
[\(https://www.instituteforenergyresearch.org/fossil-fuels/gas-and-oil/new-england-need-natural-gas-pipeline-capacity\)](https://www.instituteforenergyresearch.org/fossil-fuels/gas-and-oil/new-england-need-natural-gas-pipeline-capacity).
15. ISO-NE, Winter Program Payment Rate (<https://www.iso-ne.com/markets-operations/markets/winter-program-payment-rate>).
16. ISO-NE public queue data (<https://irtt.iso-ne.com/reports/external>).
17. ISO-NE, Resource Mix, January 17, 2018 (<https://www.iso-ne.com/about/key-stats/resource-mix/>).
18. ISO-NE, Regional Electricity Outlook, Natural Gas Constraints (<https://www.iso-ne.com/about/regional-electricity-outlook/grid-in-transition-opportunities-and-challenges/natural-gas-infrastructure-constraints>).
19. ISO-NE, January 7 Power Systems Update, January 7, 2018
[\(http://isonewswire.com/updates/2018/1/7/power-systems-update-new-england-grid-operations-through-rec.html\)](http://isonewswire.com/updates/2018/1/7/power-systems-update-new-england-grid-operations-through-rec.html).
20. ISO-NE, Final 2018 PV Forecast, March 19, 2018 (<https://www.iso-ne.com/static-assets/documents/2018/03/a03-2018-pv-forecast.pdf>).
21. ISO-NE, Memo: Discussions of Near-Term Fuel Security Concerns, April 3, 2018
[\(https://www.rtoinsider.com/wp-content/uploads/4-3-Memo-Immediate-and-NearTerm-Fuel-Security.pdf\)](https://www.rtoinsider.com/wp-content/uploads/4-3-Memo-Immediate-and-NearTerm-Fuel-Security.pdf).

22. ISO-NE, Winter 2017/2018 recap: Historic cold snap reinforces findings in Operational Fuel-Security Analysis, April 25, 2018 (<http://isonewswire.com/updates/2018/4/25/winter-20172018-recap-historic-cold-snap-reinforces-findings.html>).
23. ISO-NE, RE: ISO New England Inc. Compliance Filing to Establish a Fuel Security Reliability Standard, Short-Term Cost-of-Service Mechanism, and Related Cost Allocation for Out-of-Market Compensation in FERC Docket No. EL18-182-000, and Docket No. ER18-___-000, August 31, 2018 (<https://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=15013600>).
24. ISO-NE, Discussion of the ISO's Draft 2019 Annual Work Plan, October 4, 2018 (https://www.iso-ne.com/static-assets/documents/2018/09/2019_awp_for_10_4_18_pc_final.pdf).
25. ISO-NE, Winter Energy Security Improvements: Market-Based Approaches, October 10, 2018 (https://www.iso-ne.com/static-assets/documents/2018/10/a9_presentation_winter_energy_security_improvements.pptx).
26. ISO-NE, Winter Energy Security Improvements: Market Based Approaches, December 11-12, 2018 (https://www.iso-ne.com/static-assets/documents/2018/12/a2a_iso_presentation_winter_energy_security_improvements.pptx).
27. Lazard, Lazard's Levelized Cost of Energy Analysis - Version 12.0, November 2018 (<https://www.lazard.com/media/450773/lazards-levelized-cost-of-energy-version-120-vfinal.pdf>).

28. New England Power Generators Association, Motion to Intervene and Protest of the New England Power Generators Association, Inc., FERC Docket No. EL18-182-000 and ER18-2364-000, September 21, 2018
(<https://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=15047907>).
29. North American Electric Reliability Corporation, Potential Bulk Power System Impacts Due to Severe Disruptions on the Natural Gas System, November 2017
(https://www.nerc.com/pa/RAPA/ra/Reliability%20Assessments%20DL/NERC_SPOD_11142017_Final.pdf).
30. North American Electric Reliability Corporation, 2018 Long-Term Reliability Assessment, December 2018
(https://www.nerc.com/pa/RAPA/ra/Reliability%20Assessments%20DL/NERC_LTRA_2018_12202018.pdf).
31. National Renewable Energy Laboratory, Integrating Variable Renewable Energy: Challenges and Solutions, September 2013
(<https://www.nrel.gov/docs/fy13osti/60451.pdf>).
32. Regional Greenhouse Gas Initiative, Press Release, RGGI States Release Updated Model Rule, Concluding Regional Program Review Process, December 19, 2017
(https://www.rggi.org/sites/default/files/Uploads/Program-Review/12-19-2017/Announcement_Completed_Model_Rule.pdf).
33. Regional Greenhouse Gas Initiative, Summary of RGGI Model Rule Updates, December 19, 2017 (https://www.rggi.org/sites/default/files/Uploads/Program-Review/12-19-2017/Summary_Model_Rule_Updates.pdf).

34. S&P, Global Market Intelligence, New England dual-fuel units burning through oil, emissions limits amid cold-snap, January 2, 2018
<https://www.spglobal.com/marketintelligence/en/news-insights/trending/ggt2tesxwkjin6ywbogeng2>).
35. S&P, Global Market Intelligence, ISO-NE asks for FERC permission to keep Exelon units online for fuel security, May 4, 2018
<https://www.spglobal.com/platts/en/market-insights/latest-news/electric-power/050418-iso-ne-seeks-us-ferc-permission-to-keep-exelon-units-online-for-fuel-security>).
36. S&P, Global Market Intelligence, Mass. utilities contract with Avangrid, Hydro-Quebec for hydro-backed line, June 14, 2018
<https://www.spglobal.com/marketintelligence/en/news-insights/trending/2mdhgkx545hydmtxvasyxzg2>).
37. S&P, Global Market Intelligence, ISO-NE proposes changes designed to retain resources needed for fuel security, September 5, 2018.
38. State of New Hampshire, Department of Safety, Declaration of Emergency Notice (Title 49 CFR 390.23), December 26, 2017
<https://www.fmcsa.dot.gov/sites/fmcsa.dot.gov/files/docs/emergency/394336/declaration-emergency-notice-122617.pdf>).
39. State of Vermont, Agency of Transportation, Department of Motor Vehicles, Declaration of Emergency Notice (Title 49 CFR 390.23), January 3, 2018
<https://www.fmcsa.dot.gov/sites/fmcsa.dot.gov/files/docs/emergency/395061/declaration-emergency-extension-3jan18.pdf>).

40. United States Energy Information Administration, Northeast Winter Alert, January 5, 2018
https://www.eia.gov/special/alert/east_coast/archive/pdf/northeastern_winter_energy_alert_Jan_5_2018.pdf).
41. United States Energy Information Administration, Cold weather, higher exports result in record natural gas demand, January 5, 2018
<https://www.eia.gov/todayinenergy/detail.php?id=34412>).
42. Van Welie, Gordon, Challenges Facing the New England Power System, ISO-NE Presentation, March 26, 2015 (https://www.iso-ne.com/static-assets/documents/2015/03/icf_isonone_van_welie.pdf).

B. Exhibits to be offered

NTE intends, at this time, to offer the following Exhibits:

1. Motion of NTE to Reopen And Modify The Decision In Docket No. 470 Due To Changed Conditions dated January 18, 2019, including the following attachments:
 - a. Testimony of Timothy Eves;
 - b. Pre-filed Testimony of Paul J. Hibbard on Behalf of NTE Connecticut LLC; and
 - c. Environmental Overview In Support Of Petition For Changed Conditions.
2. Affidavit of Timothy Eves confirming that NTE received a capacity supply obligation from the ISO-NE in the most recent Forward Capacity Auction No. 13.
3. Sign Posting Affidavit from Timothy Eves dated March 26, 2019 for signs posted on March 14, 2019.

4. Determination of No Hazard To Air Navigation dated March 25, 2019, from the Federal Aviation Administration.
5. NTE's Responses to Pre-Hearing Interrogatories (Set One) from the Council dated March 15, 2019.
6. NTE's Responses to Siting Council Pre-Hearing Interrogatories (Set Two) dated March 28, 2019.
7. NTE's Responses to Interrogatories from the Intervenors, Connecticut Fund for the Environment, Not Another Power Plan, Sierra Club, and Wyndman Land Trust dated March 28, 2019.
8. NTE's Motion for Protective Order, Protective Order, Non-Disclosure Agreement, Affidavit of Timothy Eves dated March 28, 2019.

NTE reserves the right to offer additional exhibits, testimony, witnesses and administratively noticed materials as new and pertinent information and materials come to its attention and in rebuttal to positions taken by the Council, parties or intervenors.

C. List of Witnesses

1. Tim Eves, Senior Vice President, NTE Energy Services Company, LLC and Vice President of NTE Connecticut, LLC. Mr. Eves is responsible for leading NTE Energy's project development activities, including project site identification, permitting, community and government relations and project level engineering. Mr. Eves' full resume is attached.
2. Chris Rega, SVP, NTE Energy Services Company, LLC. Mr. Rega leads the group responsible for power plant engineering and construction. Mr. Rega's full resume is attached.

3. Lynn Gresock, Vice President - Energy Department, Tetra Tech. Ms. Gresock is project manager and lead environmental consultant for permitting of the Killingly Energy Center. Ms. Gresock's full resume is attached.
4. Paul J. Hibbard, a Principal at Analysis Group, Inc., providing energy and environmental, economic, finance and strategy consulting services to NTE. Mr. Hibbard's full resume is attached.
5. Norm Thibeault, Principal/Partner, Killingly Engineering Associates. Killingly Engineering Associates is providing civil engineering support for the Killingly Energy Center. Mr. Thibeault's full resume is attached.
6. George Logan, Principal Environmental Scientist/Senior Ecologist, REMA Ecological Services. REMA Ecological Services is Killingly Energy Center's wetland and ecological consultant. Mr. Logan's full resume is attached.
7. Scott Hesketh, Manager of Transportation Engineering, FA Hesketh Associates. Mr. Hesketh manages collection and analysis of data related to the impact of development projects on the surrounding highway network for FA Hesketh Associates, which is providing traffic engineering services for the Killingly Energy Center. Mr. Hesketh's full resume is attached.
8. Kevin Fowler, Senior Acoustic Engineer, Tetra Tech. Tetra Tech, as the lead environmental consultant for the Killingly Energy Center, conducted a baseline sound survey and an acoustic modeling analysis. Mr. Fowler's full resume is attached.

Respectfully submitted,

NTE CONNECTICUT, LLC

By:  _____

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CERTIFICATION OF SERVICE


I hereby certify that on this 28th day of March, 2019, a copy of the foregoing was sent via electronic mail, to the following:

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