



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Hearing Program

Docket No. 483

Tuesday, July 24, 2018

1:00 p.m.

Hearing Room Two

Ten Franklin Square

New Britain, Connecticut

I. Opening by Council

- A. Statement read by Chair.
- B. Comments by Public Official(s) (if any)
- C. Motions (if any)
- D. Administrative Notice taken by Council

FEDERAL

1. NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, NATIONAL INSTITUTES OF HEALTH, *EMF, Electric and Magnetic Fields Associated with the Use of Electric Power*, June 2002, available at https://www.niehs.nih.gov/health/materials/electric_and_magnetic_fields_associated_with_the_use_of_electric_power_questions_and_answers_english_508.pdf
2. NATIONAL RESEARCH COUNCIL, *Research on Power-Frequency Fields Completed Under the Energy Policy Act of 1992*, National Academy of Sciences, 1999, available at <http://books.nap.edu/openbook.php?isbn=0309065437>
3. Proclamation No. 8460 - Critical Infrastructure Protection Month, 2009, 74 Fed. Reg. 234, December 8, 2009, available at <http://www.presidency.ucsb.edu/ws/index.php?pid=86954>
4. Presidential Executive Order No. 13636, Improving Critical Infrastructure Cybersecurity, 78 FED. REG. 11739, February 19, 2013, available at <http://www.archives.gov/federal-register/executive-orders/2013.html>
5. UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, *National Register of Historic Places*, available at <http://www.nps.gov/history/nr/research/index.htm>
6. FEDERAL AVIATION ADMINISTRATION, UNITED STATES DEPARTMENT OF TRANSPORTATION, OBSTRUCTION MARKING AND LIGHTING, ADVISORY CIRCULAR AC70/7460-1L, December 4, 2015, available at https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_70_7460-1L_.pdf
7. UNITED STATES DEPARTMENT OF ENERGY, FEDERAL ENERGY REGULATORY COMMISSION AND THE NORTH AMERICAN ELECTRIC AND RELIABILITY CORPORATION, *Report on Transmission Facility Outages During the Northeast Snowstorm of October 29-30, 2011 – Causes and Recommendations*, May 31, 2012, available at <http://ferc.gov/legal/staff-reports/05-31-2012-ne-outage-report.pdf>



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Affirmative Action / Equal Opportunity Employer

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12. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2018*, February 6, 2018, available at <https://www.eia.gov/outlooks/aeo/pdf/AEO2018.pdf>

REGIONAL

13. ISO-NEW ENGLAND, INC., *Power Generation and Fuel Diversity in New England*, August 25, 2005, available at http://www.iso-ne.com/pubs/whtpprs/iso_ne_paper.pdf
14. ISO-NEW ENGLAND, INC., *Electricity Costs White Paper*, June 1, 2006, available at http://www.iso-ne.com/pubs/whtpprs/elec_costs_wht_ppr.pdf
15. ISO-NEW ENGLAND, INC., *2015 Regional System Plan*, November 5, 2015, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
16. ISO-NEW ENGLAND, INC., *2017 Regional System Plan*, November 2, 2017, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
17. ISO-NEW ENGLAND, INC., *Final Regional System Plan 2018 Project List*, June 2018, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
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23. ISO-NEW ENGLAND, INC., ISO-NE, Inc. *Transmission, Markets and Services Tariff*, March 1, 2017, available at <https://www.iso-ne.com/participate/rules-procedures/tariff>
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27. New England Energy Landscape Update, Prepared for the New England Coalition for Affordable Energy, Daymark Energy Advisors, October 3, 2016, available at <https://media.gractions.com/5CC7D7975DFE1335100A9E9B056042840005CCF0/3d7036a2-dba3-4773-87a7-5697a425e1fa.pdf>
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31. CONNECTICUT SITING COUNCIL, *White Paper on the Security of Siting Energy Facilities*, October 8, 2009, available at http://www.ct.gov/csc/lib/csc/docket_346/whitepr_final.pdf
32. CONNECTICUT SITING COUNCIL, *Investigation into the Life Cycle Costs of Electric Transmission Lines*, November 15, 2012, available at http://www.ct.gov/csc/lib/csc/lifecycle2011/life_cycle_final_report.pdf
33. CONNECTICUT SITING COUNCIL, PETITION NO. 253 - United Illuminating petition for a proposed addition at Pequonnock Substation in Bridgeport. Record.

34. CONNECTICUT SITING COUNCIL, PETITION NO. 291 - United Illuminating petition for the installation of an optical fiber ground wire system between its Ash Creek Substation in Bridgeport and structure no. B714 on the railroad catenary system of the Northeast Railroad Corridor in Fairfield. Record.
35. CONNECTICUT SITING COUNCIL, PETITION NO. 356 - United Illuminating petition that no Certificate of Environmental Compatibility and Public Need is required for the relocation and change of ten transmission line towers on the existing Pequonnock to Ash Creek and Pequonnock to Darien 115-kV lines in the City of Bridgeport, Connecticut, to accommodate an I -95 highway reconstruction project. Record.
36. CONNECTICUT SITING COUNCIL, PETITION NO. 1024 - United Illuminating declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to the Pequonnock Substation located at 10 Henry Street, Bridgeport, Connecticut. Record.
37. CONNECTICUT SITING COUNCIL, DOCKET NO. 141 - The Connecticut Light and Power Company and the United Illuminating Company Certificate for a 115-kV electric transmission line and related telecommunications equipment between the Pequonnock Substation in Bridgeport and the Ely Avenue Junction in Norwalk. Record.
38. CONNECTICUT SITING COUNCIL, PETITION NO. 1218 – PSEG Power Connecticut LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, maintenance, and operation of a new 485 megawatt (MW) dual fuel combined-cycle electric generating facility at the existing Bridgeport Harbor Station located at 1 Atlantic Street, Bridgeport, Connecticut. Record.
39. CONNECTICUT SITING COUNCIL, PETITION NO. 876 - The United Illuminating Company petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed Advanced Metering Infrastructure Project located at the proposed substations; Allings Crossing Substation, Frontage Road, West Haven; Ash Creek Substation, Poland Street, Bridgeport; Baird Substation, Stratford Avenue, Stratford, Barnum Substation Barnum Avenue, Stratford; Broadway Substation, Goffe Street, New Haven; Congress Substation, Congress Street, Bridgeport; Devon Tie Substation, Naugatuck Avenue, Milford; East Shore Substation, Waterfront Street, New Haven; Elmwest Substation, Elm Street, West Haven; June St. Substation, Hazell Terrace, Woodbridge; Mill River Substation, Grand Avenue, New Haven; Old Town Substation, Kachele Place, Bridgeport; Pequonnock Substation, Henry Street, Bridgeport; Sackett Substation, State Street, North Haven; and Water Street Substation, Water Street, New Haven. Record.
40. The United Illuminating Company, REPORT TO THE CONNECTICUT SITING COUNCIL ON LOADS AND TRANSMISSION RESOURCES, MARCH 1, 2018, AVAILABLE AT http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2018_2019/f2018/transmission-distribution/forecast_2018_ui_20180301.pdf
41. CONNECTICUT SITING COUNCIL, Memorandum regarding FEMA Flood and Radio Frequency Mapping, May 16, 2014, available at http://www.ct.gov/csc/lib/csc/guides/2017guides/fema_flood_and_rf_mapping_memo_51614.pdf

42. CONNECTICUT SITING COUNCIL, PETITION NO. 1104 - The United Illuminating Company declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance and operation of a 2.2 MW AC solar photovoltaic facility and a 2.8 MW AC Fuel Cell facility on approximately 22 acres of the former Seaside Landfill located at 350 Waldemere Avenue, Bridgeport, Connecticut. Record.

Department of Energy and Environmental Protection

43. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, *Connecticut Guidelines for Soil Erosion and Sediment Control, DEP Bulletin 34*, May 2002, last revised September 2007, available at http://www.ct.gov/deep/cwp/view.asp?a=2720&q=325660&depNav_GID=1654
44. State of Connecticut Department of Energy and Environmental Protection, *The Connecticut Stormwater Quality Manual*, 2004, and appendices, available at http://www.ct.gov/deep/cwp/view.asp?a=2721&q=325704&depNav_GID=1654
45. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Amphibians and Reptiles in Connecticut*, DEP Bulletin 32, Michael W. Klemens, 2000, available at https://www.ctdeepstore.com/Wildlife_c24.htm
46. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF WATER PROTECTION AND LAND REUSE, PLANNING AND STANDARDS DIVISION, *Water Quality Standards*, Effective October 10, 2013, available at <http://www.ct.gov/deep/lib/deep/regulations/22a/22a-426-1through9.pdf>
47. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Air Quality Standards*, Effective April 15, 2014, Regulations of Connecticut State Agencies §§ 22a-174-24, et seq., available at <http://www.ct.gov/deep/lib/deep/air/regulations/mainregs/sec24.pdf>
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49. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2014 Integrated Resource Plan for Connecticut*, March 17, 2015, available at <http://www.dpuc.state.ct.us/DEEPenergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/8e95d81c37c7237085257e0b004770b2?OpenDocument>
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Department of Transportation

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Other State Agencies

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60. STATE OF CONNECTICUT, OFFICE OF POLICY AND MANAGEMENT, *Conservation and Development Policies Plan for Connecticut 2013-2018*, June 5, 2013, available at [http://www.ct.gov/opm/lib/opm/igp/org/cdupdate/2013-2018_final_cd_plan_\(rev._june_2017\).pdf](http://www.ct.gov/opm/lib/opm/igp/org/cdupdate/2013-2018_final_cd_plan_(rev._june_2017).pdf)
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TECHNICAL

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ENVIRONMENTAL

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MAPS

82. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, NATURAL RESOURCES DIVISION, *Atlas of Connecticut Topographic Maps*, DEP

Bulletin 17, 1992, available at

http://www.ct.gov/deep/cwp/view.asp?a=2701&q=323450&deepNav_GID=1636

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89. Mail-A-Map Street Map, City of Bridgeport, available at <http://mailamap.com/street-maps>
90. UNITED STATES GEOLOGICAL SURVEY, *Connecticut Topographic Map Collection*, available at http://magic.lib.uconn.edu/topographic_maps.html
91. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *Connecticut Official State Tourism Map*

E. State Agency comments

1. Comments from the Department of Energy and Environmental Protection, dated June 6, 2018

II. Appearance by Applicant

Applicant:	The United Illuminating Company (UI)
Representative:	Bruce McDermott, Esq. Murtha Cullina LLP

A. Administrative Notice.

- 1.

B. Exhibits for Identification.

1. Application for a Certificate of Environmental Compatibility and Public Need filed by The United Illuminating Company, received April 26, 2018, and attachments and bulk file exhibits including:

Bulk file exhibits:

- a. City of Bridgeport Zoning & Subdivision Regulations
 - b. City of Bridgeport Zoning Map
 - c. City of Bridgeport Master Plan of Conservation and Development
 - d. South End Neighborhood Revitalization Zone Strategic Plan
 - e. City of Bridgeport Inland Wetlands and Watercourses Regulations
 - f. City of Bridgeport Inland Wetlands Soils Map
 - g. Municipal Consultation Filing
 - Appendix A – Maps and Drawings
 - Appendix B – Agency Correspondence
 - Appendix C – Water Resources
 - Appendix D - Visibility Analysis
 - Appendix E – Cultural Resources Report
 - Appendix F – Noise Analysis
 - Appendix G – EMF Report
2. Applicant's Sign Posting Affidavit, dated June 6, 2018
 3. Applicant's Responses to Council Interrogatories, dated June 7, 2018
 4. Witness Resumes, received June 8, 2018
 - a. Dr. William Bailey
 - b. Todd Berman
 - c. Michael Libertine
 5. Applicant's Responses to Council Interrogatories, Set Two, dated July 17, 2018
 6. Witness Resume, received July 17, 2018
 - a. Beth Quinlan

C. Swear Witnesses

1. David Bradt, PE, Director - Transmission Planning, UI
2. MeeNa Cullen-Corson, Transmission Line Engineering, Projects, UI
3. Samantha Marone, Manager, Public Outreach, UI
4. Richard Pinto, PMP, Project Manager, Substation Projects, UI
5. Ronald Rossetti, PE, PMP, Manager, Electric Capital Projects, UI
6. Robert Sazanowicz, Lead Engineer, Substation Projects, UI
7. Todd Berman, Associate/Senior Project Manager, Fuss & O'Neill, Inc.
8. Beth Quinlan, Project Specialist, Water Division, Black & Veatch

D. Full Exhibits - Verification of exhibits by witnesses and admission by the Council.

E. Cross Examination.

1. Council
 2. Intervenor: PSEG Power Connecticut LLC
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III. Appearance by Intervenor:

PSEG Power Connecticut LLC

Representatives:

Franca L. DeRosa, Esq.
Philip M. Small, Esq.
Brown Rudnick LLP

A. Administrative Notice.

B. Exhibits for Identification.

C. Swear Witnesses

D. Full Exhibits

E. Cross Examination.

IV. Closing by Connecticut Siting Council.

