



STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL

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Hearing Program  
Docket No. 508  
Thursday, April 28, 2022  
2:00 p.m./6:30 p.m.  
Zoom Remote Public Hearing

I. Opening by Council

- A. Statement read by Presiding Officer.
- B. 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 [http://www.niehs.nih.gov/health/assets/docs\\_p\\_z/results\\_of\\_emf\\_research\\_emf\\_questions\\_answers\\_booklet.pdf](http://www.niehs.nih.gov/health/assets/docs_p_z/results_of_emf_research_emf_questions_answers_booklet.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. Presidential Policy Directive No. 21, Critical Infrastructure Security and Resilience, February 12, 2013, available at <https://obamawhitehouse.archives.gov/the-press-office/2013/02/12/presidential-policy-directive-critical-infrastructure-security-and-resil>
6. UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, *National Register of Historic Places*, available at <http://www.nps.gov/subjects/nationalregister/index.htm>
7. FEDERAL AVIATION ADMINISTRATION, UNITED STATES DEPARTMENT OF TRANSPORTATION, OBSTRUCTION MARKING AND LIGHTING, ADVISORY CIRCULAR AC No. 70/7460-1L (December 4, 2015), available at [https://www.faa.gov/documentLibrary/media/Advisory\\_Circular/AC\\_70\\_7460-1L\\_.pdf](https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_70_7460-1L_.pdf)
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9. 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>
10. NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION, Critical Infrastructure Protection, CIP-014-1, Physical Security Standards, May 1, 2014, available at <http://www.nerc.com/pa/Stand/Reliability%20Standards/CIP-014-1.pdf>
11. UNITED STATES DEPARTMENT OF ENERGY, FEDERAL ENERGY REGULATORY COMMISSION, *Guidelines for the Protection of Natural, Historic, Scenic and Recreational Values in the Design and Location of Rights-of-Way and Transmission Facilities*, November 27, 1970.
12. UNITED STATES DEPARTMENT OF ENERGY, FEDERAL ENERGY REGULATORY COMMISSION AND THE NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION, *Report on Transmission Facility Outages During the Northeast Snowstorm of October 29-30, 2011 – Causes and Recommendations*, available at <http://ferc.gov/legal/staff-reports/05-31-2012-ne-outage-report.pdf>
13. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure*, April 2015, available at <http://energy.gov/epsa/downloads/quadrennial-energy-review-full-report>
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15. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2021*, February 3, 2021, available at <https://www.eia.gov/outlooks/aeo/>
16. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Levelized Cost of New Generation Resources in the Annual Energy Outlook 2021*, February 2021, available at [https://www.eia.gov/outlooks/aeo/pdf/electricity\\_generation.pdf](https://www.eia.gov/outlooks/aeo/pdf/electricity_generation.pdf)
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18. UNITED STATES FISH AND WILDLIFE SERVICE, Final 4(d) Rule for the Northern Long-eared Bat, January 14, 2016, available at <https://www.fws.gov/Midwest/endangered/mammals/nleb/pdf/FRnlebFinal4dRule14Jan2016.pdf>
19. UNITED STATES DEPARTMENT OF AGRICULTURE, Soil Survey Manual, Handbook No. 18, March 2017, available at [https://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/soils/ref/?cid=nrcs142p2\\_054262](https://www.nrcs.usda.gov/wps/portal/nrcs/detailfull/soils/ref/?cid=nrcs142p2_054262)

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26. ISO-NEW ENGLAND, INC., *2021 Regional Electricity Outlook*, March 2021, available at <https://www.iso-ne.com/about/regional-electricity-outlook/>
27. ISO-NEW ENGLAND, INC., *ISO Recommendation for Cost Regionalization in Flood Hazard Areas*, September 27, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/09/a9\\_iso\\_recommendation\\_for\\_cost\\_regionalization\\_in\\_flood\\_hazard\\_areas\\_update\\_for\\_screening\\_test.pdf](https://www.iso-ne.com/static-assets/documents/2018/09/a9_iso_recommendation_for_cost_regionalization_in_flood_hazard_areas_update_for_screening_test.pdf)
28. ISO-NEW ENGLAND, INC., *State of the Grid: 2019, Presentation by Gordon van Welie*, February 20, 2019, available at [https://www.iso-ne.com/static-assets/documents/2019/02/20190220\\_pr\\_state-of-the-grid\\_presentation\\_final.pdf](https://www.iso-ne.com/static-assets/documents/2019/02/20190220_pr_state-of-the-grid_presentation_final.pdf)
29. ISO-NEW ENGLAND, INC., *State of the Grid: 2020, Presentation by Gordon van Welie*, March 6, 2020, available at [https://www.iso-ne.com/static-assets/documents/2020/03/20200306\\_stateofthegrid2020.pdf](https://www.iso-ne.com/static-assets/documents/2020/03/20200306_stateofthegrid2020.pdf)

## **STATE**

### **Connecticut Siting Council**

30. CONNECTICUT SITING COUNCIL, *Electric and Magnetic Field Best Management Practices for the Construction of Electric Transmission Lines in Connecticut*, December 14, 2007, revised February 20, 2014, available at <http://www.ct.gov/csc/emf-bmp>
31. CONNECTICUT SITING COUNCIL, *2014/2015 Forecast of Electric Loads and Resources*, December 10, 2015, available at [http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast\\_2014\\_2015/f-2015\\_finalreport.pdf](http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2014_2015/f-2015_finalreport.pdf)

32. CONNECTICUT SITING COUNCIL, *2017/2018 Forecast of Electric Loads and Resources*, November 8, 2018, *available at* [https://www.ct.gov/csc/lib/csc/pendingproceeds/forecast\\_2018\\_2019/f2018/finalreport/f2017-18-cscfinalreport.pdf](https://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2018_2019/f2018/finalreport/f2017-18-cscfinalreport.pdf)
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36. Letter from Robert Carberry, Project Manager, NEEWS Siting and Permitting, Connecticut Light & Power Company to Melanie Bachman, Acting Executive Director, Connecticut Siting Council regarding underground reconstruction of distribution line segments at transmission line road crossings, dated May 17, 2013.
37. **DOCKET NO. 141** - Connecticut Light and Power Company and United Illuminating Company Certificate of Environmental Compatibility and Public Need for the construction of a 115 kV electric transmission line and related telecommunications equipment between the United Illuminating Company's Pequonnock Substation in Bridgeport and the Connecticut Light and Power Company's Ely Avenue Junction in Norwalk, Connecticut. Record and Final Decision *available at* [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Norwalk](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Norwalk)
38. **DOCKET NO. 461A** - Eversource Energy Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a 115-kilovolt (kV) bulk substation located at 290 Railroad Avenue, Greenwich, Connecticut, and two 115-kV transmission circuits extending approximately 2.3 miles between the proposed substation and the existing Cos Cob Substation, Greenwich, Connecticut, and related substation improvements. Reopening of this docket based on changed conditions pursuant to Connecticut General Statutes §4-181a(b). Record and Final Decision *available at* [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Greenwich](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Greenwich)
39. **DOCKET NO. 474** - The Connecticut Light & Power Company d/b/a Eversource Energy Certificate of Environmental Compatibility and Public Need for the Greater Hartford-Central Connecticut Reliability Project that traverses the municipalities of Hartford, West Hartford, and Newington, which consists of (a) construction, maintenance and operation of a new 115-kilovolt (kV) electric transmission line within existing Eversource, Amtrak and public road rights-of-way and associated facilities extending overhead approximately 2.4 miles and underground approximately 1.3 miles between Eversource's existing Newington Substation in the Town of Newington and existing Southwest Hartford Substation in the City of Hartford; (b) modifications to a .01 mile section within existing Eversource right-of-way of the existing overhead 115-kV electric transmission line connection to the Newington Substation (Newington Tap); and (c) related modifications to Newington Substation and Southwest Hartford Substation. Record and Final Decision *available at*

[https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Newington](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Newington)

40. **PETITION NO. 926** - United Illuminating declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to UI's existing East Shore Substation and West River Switching Station, New Haven, Connecticut. Record and Final Decision available at [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---New-Haven](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---New-Haven)
41. **PETITION NO. 940** - The United Illuminating Company (UI) declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed transmission structure relocation work in connection with the Department of Transportation West Haven Railroad Station project located in West Haven, Connecticut, Record and Final Decision, available at <https://portal.ct.gov/CSC/Decisions/PETITION-LISTS/Petition-List-500-999#950>
42. **PETITION NO. 958** - United Illuminating declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the replacement of a pressurization plant to UI's West River Switching Station located at 255 Ella T. Grasso Boulevard (State Route 10) Overpass, New Haven, Connecticut. Record and Acknowledgment available at [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---New-Haven](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---New-Haven)
43. **PETITION NO. 1094** - The United Illuminating Company declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed upgrades to the Elmwest Substation located at 335 Elm Street, West Haven, Connecticut. Record and Acknowledgment available at [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---West-Haven](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---West-Haven)
44. **PETITION NO. 1110** - The United Illuminating Company declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed Milford 115-kV transmission line upgrade project consisting of the northern and southern sections of 115-kV lines. Record and Final Decision available at [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Milford](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Milford)
45. **PETITION NO. 1151** – The United Illuminating Company declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed removal and replacement of the existing 115-kV transmission line structures in the Connecticut Department of Transportation right-of-way outside of Milvon substation located at 772 Bridgeport Avenue, Milford, Connecticut. Record and Final Decision available at [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Milford](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Milford)
46. **PETITION NO. 1293** – Eversource Energy declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for all transmission facility asset condition maintenance improvements to comply with the updated National Electric Safety Code clearance requirements. Record and Final Decision, available at [https://portal.ct.gov/CSC/3\\_Petitions/Petition-Nos-1291-1300/Petition-No-1293Eversource](https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1291-1300/Petition-No-1293Eversource)

47. **EM-UI-084-160606e** - The United Illuminating Company notice of intent to modify an existing energy facility located at 324 Woodmont Road, Milford, Connecticut. Record and Final Decision *available at* [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---Milford](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Milford)
48. **EM-UI-156a-200402e** - The United Illuminating Company (UI) notice of intent to modify an existing energy facility located at 260 Frontage Road, West Haven, Connecticut. Record and Final Decision *available at* [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---West-Haven](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---West-Haven)
49. **EM-UI-156b-200402e** - The United Illuminating Company (UI) notice of intent to modify an existing energy facility located 335 Elm Street, West Haven, Connecticut. Record and Final Decision *available at* [https://portal.ct.gov/CSC/2\\_Facility/Facility/Facility-List---West-Haven](https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---West-Haven)

**Department of Energy and Environmental Protection**

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**Department of Transportation**

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**Other State Agencies**

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## **MAPS**

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- C. State Agency comments
1. Department of Energy and Environmental Protection Comments, dated April 21, 2022

D. Municipal comments

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II. Appearance by 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 February 28, 2022, and attachments and bulk file exhibits including:

Bulk Filing (1):

- a. City of Milford
  - 1) Zoning Regulations including the 2019-2020 Zoning Regulation Amendments;
  - 2) Zoning Map;
  - 3) 2012 Plan of Conservation and Development;
  - 4) Inland Wetlands and Water Courses Regulations; and
  - 5) Connecticut Inland Wetlands Soils Map.
- b. Town of Orange:
  - 1) Zoning Regulations;
  - 2) Zoning Map;
  - 3) 2015 Plan of Conservation and Development;
  - 4) Inland Wetlands and Water Courses Regulations; and
  - 5) Connecticut Inland Wetlands Soils Map.
- c. City of West Haven:
  - 1) Zoning Regulations;
  - 2) Zoning Map;
  - 3) 2017 Plan of Conservation and Development;
  - 4) Inland Wetland and Water Course Regulations; and
  - 5) Connecticut Inland Wetlands Soils Map.
- d. City of New Haven:
  - 1) Zoning Ordinance;
  - 2) Zoning Map;
  - 3) 2015 Plan of Conservation and Development;
  - 4) Inland Wetlands and Watercourses Regulations; and
  - 5) Connecticut Inland Wetlands Soils Map.
- e. Conservation and Development Policies: The Plan for Connecticut 2018-2023 (Revised Draft).
- f. South Central Region: Plan of Conservation and Development 2018-2028

Bulk Filing (2)

- a. The October 2021 Municipal Consultation Filing (October 2021 MCF) submitted to the Chief Elected Officials of the Municipalities on October 28, 2021;
  - b. An outreach log listing communications between UI and representatives from the Municipalities and a summary of the Company's municipal outreach;
  - c. A list of UI initiatives to inform the public about the project;
  - d. UI's presentations for the meetings with Milford, Orange and West Haven held after submission of the October 2021 MCF;
  - e. UI's presentation for the February 28, 2022 virtual Public Information Meeting and a copy of the letter sent to abutting property owners informing them of the public meeting;
  - f. A postcard inviting the public to a Virtual Open House; and
  - g. Copies of the web content of UI's project page, which can be accessed at [www.UIRailroadTLineUpgrades.com](http://www.UIRailroadTLineUpgrades.com) (the website includes Open House and Project Overview videos).
2. Applicant's Letter to the Council Regarding Life Cycle Costs, dated March 7, 2022
  3. Applicant's Responses to City of Milford's Recommendations, dated April 11, 2022
  4. Applicant's Sign-Posting Affidavit, dated April 19, 2022
  5. Applicant's Responses to Council Interrogatories, Set One, dated April 21, 2022
  6. Applicant's Virtual Tour of Project, received April 21, 2022
  7. Applicant's Pre-filed testimony of Shawn Crosbie, dated April 21, 2022
  8. Applicant's Witness Resumes, received April 21, 2022

C. Swear Witnesses

1. Correne Auer, Environmental Permitting & Compliance Specialist, UI
2. Todd Berman, Manager, Environmental Programs & Projects, UI
3. Aziz Chouhdery, P.E., Lead Engineer, Project Unit HV Lines, UI
4. Benjamin Cotts, Ph.D., P.E., Principal Engineer, Exponent
5. Shawn Crosbie, Senior Project Manager, UI
6. Michael Libertine, LEP, Vice President, All-Points Technology Corporation, P.C.
7. Samantha Marone, Manager, Outreach and Engagement, Planning and Coordination, UI
8. Annette Potasz, Real Estate Projects, UI
9. MeeNa Sazanowicz, Transmission Line Standards, UI

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

E. Cross Examination.

1. Council
2. City of Milford

- III. Appearance by Party: City of Milford (City)
- Representative: John W. Knuff, Esq.  
Sara A. Sharp, Esq.  
Hurwitz, Sagarin, Slossberg & Knuff, LLC
- A. Administrative Notice.
- 1.
- B. Exhibits for Identification.
1. City's Notice of Intent to be a Party, dated March 31, 2022
- C. Swear Witnesses
- 1.
- D. Full Exhibits - Verification of exhibits by witnesses and admission by the Council.
- E. Cross Examination.
1. Council  
2. Applicant
- IV. Continuation by Connecticut Siting Council.