



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

Hearing Program

Docket No. 516

Tuesday, August 29, 2023

2:00 p.m.

Zoom Remote Public Hearing

I. Opening by Council

A. Statement read by Presiding Officer.

B. Motions

1. Sasco Creek Neighborhood Environmental Trust Incorporated, Stephen Ozyck, Andrea Ozyck, Karim Mahfouz, William Danylo, and David Parker Request for Intervenor and CEPA Intervenor Status, dated August 22, 2023
2. 2190 Post Road, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
3. Invest II Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
4. International Investors Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
5. Pequot Realty, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
6. 1916 Post Road Associates, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
7. SF Station Street, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
8. Maura J. Garych Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
9. Metro Holding Company LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
10. SG Pequot 200, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
11. 516 Paci Restaurant Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
12. 461 Broad Street, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
13. Bridgeport 11823, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 24, 2023
14. Fairfield Station Lofts, LLC Request for Intervenor and CEPA Intervenor Status and Request for Additional Evidentiary Hearing, dated August 28, 2023
15. Town of Fairfield Request for Party Status and Request for Additional Evidentiary Hearing, dated August 28, 2023.

C. 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. 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. 70/7460-1M, November 16, 2020, available at https://www.faa.gov/documentLibrary/media/Advisory_Circular/Advisory_Circular_70_7460_1M.pdf
8. FEDERAL AVIATION ADMINISTRATION, *Specification for Obstruction Lighting Equipment, Advisory Circular AC No. 150/5345-43J*, March 11, 2019, available at https://www.faa.gov/documentLibrary/media/Advisory_Circular/150-5345-43J.pdf
9. 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>
10. 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.

11. NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION, Evaluation of the Physical Security Reliability Standard and Physical Security Attacks to the Bulk-Power System, dated April 14, 2023, *available at*:
<https://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/NERC%20Report%20on%20CIP-014-3.pdf>
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*, May 31, 2012, *available at*
https://www.nerc.com/pa/rm/ea/October%202011%20Northeast%20Snow%20Storm%20Event/NE_Outage_Report-05-31-12.pdf
13. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure*, April 2015, *available at* <https://www.energy.gov/policy/downloads/quadrennial-energy-review-full-report>
14. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review Second Installment: Transforming the Nation’s Electricity System*, January 2017, *available at* <https://www.energy.gov/policy/downloads/quadrennial-energy-review-second-installment>
15. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2023*, March 16, 2023, *available at* <https://www.eia.gov/outlooks/aeo/>
16. FEDERAL COMMUNICATIONS COMMISSION, *Nationwide Programmatic Agreement Regarding The Section 106 National Historic Preservation Act Review Process*, *available at* [Nationwide Programmatic Agreement Regarding The Section 106 National Historic Preservation Act Review Process | Federal Communications Commission \(fcc.gov\)](https://www.fcc.gov/national-historic-preservation-act-review-process)
17. UNITED STATES FISH AND WILDLIFE SERVICE, New England Field Office, *Addressing Northern Long-eared Bat*, *available at* <https://www.fws.gov/office/new-england-ecological-services/endangered-species-project-review#Step4>
18. UNITED STATES DEPARTMENT OF AGRICULTURE, *Soil Survey Manual, Handbook No. 18*, March 2017 (amended 2018), *available at*
<https://www.nrcs.usda.gov/sites/default/files/2022-09/The-Soil-Survey-Manual.pdf>

REGIONAL

19. ISO-NEW ENGLAND, INC., *2021 Regional System Plan*, November 2, 2021,
<http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
20. ISO-NEW ENGLAND, INC., *Regional System Plan Project List*, March 2023, *available at*
<http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
21. ISO-NEW ENGLAND, INC., *Regional System Plan Asset Conditions List*, March 2023,
available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>

22. ISO-NEW ENGLAND, INC., *2023-2032 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2023, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
23. 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

STATE

Connecticut Siting Council

24. 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 https://portal.ct.gov/-/media/CSC/EMF_BMP/EMFBMP121407pdf.pdf
25. CONNECTICUT SITING COUNCIL, *2022 Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources*, January 5, 2023, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/Forecast2022/F2022-finalreportwithattachments_s.pdf
26. CONNECTICUT SITING COUNCIL, *White Paper on the Security of Siting Energy Facilities*, October 8, 2009, available at https://portal.ct.gov/-/media/CSC/Dockets-and-Other-Pending-Proceedings/Dockets300-400/docket_346/whitepprFINALpdf.pdf
27. CONNECTICUT SITING COUNCIL, *2022 Analysis of Life-cycle Costs of Electric Transmission Lines*, January 5, 2023, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/LifeCycle/2022LifeCycle/Lifecycle2022finalmemoandreport_s.pdf
28. **EM-UI-015-051-158-190306e** – United Illuminating Company (UI) notice of intent to modify an existing energy facility located between Pequonnock Substation in Bridgeport, Connecticut to Ash Creek Substation in Fairfield, Connecticut, and Sasco Creek Substation in Westport, Connecticut, available at https://portal.ct.gov/CSC/2_Facility/Facility/Facility-List---Fairfield
29. **PETITION NO. 1176** – The United Illuminating Company declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed Bridgeport 115-kV transmission line upgrade project consisting of the northern and southern sections of 115-kV lines extending from Congress Substation in the City of Bridgeport to Baird Substation in the Town of Stratford, Connecticut, and related substation improvements, available at https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-0001-1219/PetitionNo1176UIStratford

30. **PETITION NO. 1549** – The Connecticut Light and Power Company d/b/a Eversource Energy declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed 1714 Line Rebuild Project consisting of the replacement and reconductoring of approximately 9.4 miles of its existing Nos. 1714, 1720, and 1222 115-kilovolt (kV) electric transmission lines and one structure along its 1637 line within existing Eversource electric transmission right-of-way between Eversource’s Weston Substation, 85 Weston Street in Weston and the United Illuminating Company’s Old Town Substation, 122 Kaechele Place in Bridgeport, Connecticut traversing Weston, Fairfield, Easton and Bridgeport and related electric transmission line and substation improvements, *available at* https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1501-1600/PE1549
31. **DOCKET NO. 3B** – The United Illuminating Company Amended Certificate of Environmental Compatibility and Public Need for replacement of a portion of the existing Derby – Shelton 115-kV electric transmission line facility. Reopening of this Certificate based on changed conditions pursuant to Connecticut General Statutes §4-181a(b), *available at* https://portal.ct.gov/CSC/1_Applications-and-Other-Pending-Matters/Applications/1_DocketNos1-199/DO3B
32. **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, *available at* <https://portal.ct.gov/CSC/Decisions/DocketLists/Docket-List-Nos1-499#Department>
33. **DOCKET NO. 483** - The United Illuminating Company Certificate of Environmental Compatibility and Public Need for the Pequonnock Substation Rebuild Project that entails construction, maintenance, and operation of a 115/13.8-kilovolt (kV) gas insulated replacement substation facility located 700 feet southwest of UI’s existing Pequonnock substation on an approximately 3.7 acre parcel owned by PSEG Power Connecticut, LLC at 1 Kiefer Street, Bridgeport, Connecticut, and related transmission structure and interconnection improvement, *available at* https://portal.ct.gov/CSC/1_Applications-and-Other-Pending-Matters/Applications/3_DocketNos400s/Docket-No-483--UIBridgeport
34. **DOCKET NO. 508** – The United Illuminating Company (UI) Certificate of Environmental Compatibility and Public Need for the Milvon to West River Railroad Transmission Line 115-kV Rebuild Project that consists of the relocation and rebuild of its existing 115- kilovolt (kV) electric transmission lines from the railroad catenary structures to new steel monopole structures and related modifications to facilitate interconnection of the rebuilt 115-kV electric transmission lines at UI’s existing Milvon, Woodmont, Allings Crossing, Elmwest and West River substations along approximately 9.5 miles of the Connecticut Department of Transportation’s Metro-North Railroad corridor traversing the municipalities of Milford, Orange, West Haven and New Haven, Connecticut. Record. https://portal.ct.gov/CSC/1_Applications-and-Other-Pending-Matters/Applications/4_DocketNos500s/Docket-No-508

Department of Energy and Environmental Protection

35. 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 November 2007, available at <https://portal.ct.gov/DEEP/Water/Soil-Erosion-and-Sediment-Control-Guidelines/Guidelines-for-Soil-Erosion-and-Sediment-Control>
36. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *The Connecticut Stormwater Quality Manual*, 2004, and appendices, available at <https://portal.ct.gov/DEEP/Water-Regulating-and-Discharges/Stormwater/Stormwater-Manual>
37. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF WATER MANAGEMENT, PLANNING AND STANDARDS DIVISION, *Water Quality Standards, (Surface Water Quality Standards and Ground Water Quality Standards)* Effective November 21, 2015, available at https://portal.ct.gov/-/media/DEEP/water/water_quality_standards/wqsfinaladopted22511.pdf.pdf
38. 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 <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA>
39. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Noise Control Regulations*, Effective June 15, 1978, Regulations of Connecticut State Agencies §§22a-69-1, et seq., available at https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/Title_22aSubtitle_22a-69/
40. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2020 Integrated Resource Plan*, October 7, 2021, available at <http://portal.ct.gov/DEEP/Energy/Integrated-Resource-Planning/Integrated-Resource-Planning>
41. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2018 Comprehensive Energy Strategy for Connecticut*, February 8, 2018, available at <https://portal.ct.gov/DEEP/Energy/Comprehensive-Energy-Plan/Comprehensive-Energy-Strategy>
42. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF NATURAL RESOURCES, Connecticut's Endangered, Threatened and Special Concern Species 2015, August 2015, available at https://portal.ct.gov/-/media/DEEP/wildlife/pdf_files/nongame/ETS15pdf.pdf
43. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF NATURAL RESOURCES, *Connecticut's Wildlife Action Plan*, 2015 Revision, available at http://www.ct.gov/deep/cwp/view.asp?a=2723&q=329520&deepNav_GID=1719#Review

44. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF WATER MANAGEMENT, WETLANDS MANAGEMENT SECTION, *Guidelines: Upland Review Area Regulations, Connecticut's Inland Wetlands and Watercourses Act, June 1997*, available at <https://portal.ct.gov/-/media/DEEP/water/wetlands/uplandreviewdocumentjune1997PDF.PDF>
45. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, INLAND FISHERIES DIVISION, *Habitat Conservation and Enhancement Program, Stream Crossing Guidelines*, February 26, 2008, available at <https://portal.ct.gov/-/media/DEEP/fishing/restoration/StreamCrossingGuidelinespdf.pdf>
46. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Watershed Management Plans and Documents*, available at <https://portal.ct.gov/DEEP/Water/Watershed-Management/Watershed-Management-Plans-and-Documents>
47. [STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, STORMWATER PROGRAM](https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Water_Discharge_General_Permits/stormconstgppdf.pdf), *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities*, available at https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Water_Discharge_General_Permits/stormconstgppdf.pdf
48. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Long Island Sound Blue Plan*, September 2019, available at <https://portal.ct.gov/DEEP/Coastal-Resources/LIS-Blue-Plan/Long-Island-Sound-Blue-Plan-Home>

Department of Public Health

49. STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC HEALTH, *Electric and Magnetic Fields (EMF): Health Concerns Fact Sheet*, revised April 2008, available at https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental_health/eoha/pdf/EMFFactSheet2008pdf.pdf?la=en

Department of Transportation

50. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *ConnDOT Drainage Manual*, 2000, last revised July 2016, available at <http://www.ct.gov/dot/cwp/view.asp?a=3200&q=260116>
51. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, *Utility Accommodation Manual*, February 2009, available at <https://portal.ct.gov/-/media/DOT/documents/dutilities/ACCOMODATIONpdf.pdf>
52. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, BUREAU OF ENGINEERING AND HIGHWAY OPERATIONS, *Public Service Facility Policy and Procedures for Highways in Connecticut*, November 2008, available at <https://portal.ct.gov/-/media/DOT/documents/dutilities/UtilityPolicyProcedures.pdf>

Other State Agencies

53. STATE OF CONNECTICUT, OFFICE OF POLICY AND MANAGEMENT, *Conservation and Development Policies Plan for Connecticut 2018-2023*, December 4, 2019, available at <https://portal.ct.gov/-/media/OPM/IGPP/ORG/cdplan/20190214--Formatted-Document--20182023-Revised-State-CD-Plan.pdf>
54. Final Report of the Two Storm Panel, January 9, 2012, available at http://www.governor.ct.gov/malloy/lib/malloy/two_storm_panel_final_report.pdf
55. STATE OF CONNECTICUT, DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION, DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY, *State of Connecticut State Response Framework, Version 4.2*, July 2019, available at https://portal.ct.gov/-/media/DEMHS/_docs/Plans-and-Publications/EHSP0025-SRFV41pdf.pdf
56. GOVERNOR'S STEERING COMMITTEE ON CLIMATE CHANGE, ADAPTATION SUBCOMMITTEE, *Connecticut Climate Change Preparedness Plan, Adaptation Strategies for Agriculture, Infrastructure, Natural Resources and Public Health Climate Change Vulnerabilities*, 2011, available at <https://portal.ct.gov/-/media/DEEP/climatechange/ConnecticutClimatePreparednessPlan2011pdf.pdf>
57. PUBLIC UTILITIES REGULATORY AUTHORITY, *Cybersecurity and Connecticut's Public Utilities*, April 14, 2014, available at http://www.governor.ct.gov/malloy/lib/malloy/2014.04.14_pura_cyber_report.pdf
58. PUBLIC UTILITIES REGULATORY AUTHORITY, *Connecticut Public Utilities Cybersecurity Action Plan*, April 6, 2016, available at <https://portal.ct.gov/-/media/DAS/BEST/Security-Services/Connecticut-Public-Utilities-Cybersecurity-Action-Plan-April-6-2016.pdf?la=en&hash=F56F0A9CA2B0FDDDA081E2B7113666D7>
59. PUBLIC UTILITIES REGULATORY AUTHORITY, *2022 Connecticut Public Utility Annual Cybersecurity Report*, March 31, 2023, available at <https://portal.ct.gov/-/media/PURA/electric/2022-Connecticut-Public-Utility-Annual-Cybersecurity-Report.pdf>
60. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION AND DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION, *2019 Connecticut Natural Hazards Mitigation Plan Update*, January 2019, available at https://portal.ct.gov/-/media/DEMHS/_docs/Plans-and-Publications/EHSP0023--NaturalHazardMitPlan.pdf
61. STATE OF CONNECTICUT, STATE VEGETATION MANAGEMENT TASK FORCE, *Final Report Issued to the Connecticut Department of Energy and Environmental Protection*, August 28, 2012, available at https://portal.ct.gov/-/media/DEEP/forestry/VMTF/Final_Report/SVMTFFinalReportpdf.pdf
62. STATE OF CONNECTICUT, PUBLIC ACT NO. 22-3, April 28, 2022, available at <https://www.cga.ct.gov/2022/ACT/PA/PDF/2022PA-00003-R00HB-05269-PA.PDF>

TECHNICAL

63. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *IEEE Standard Procedures for Measurement of Power Frequency Electric and Magnetic Fields from AC Power Lines, IEEE Std 644-2019*, available for purchase at <http://standards.ieee.org/ieee/644/6732/>
64. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *IEEE Guide for the Design, Construction, and Operation of Safe and Reliable Substations for Community Acceptance and Environmental Compatibility, IEEE Std 1127-2013*, available for purchase at <http://standards.ieee.org/findstds/standard/1127-2013.html>
65. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *IEEE Guide for Animal Mitigation for Electric Power Supply Substations*, November 4, 2022, available for purchase at <https://standards.ieee.org/ieee/1264/10562/>
66. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *National Electrical Safety Code*, American National Standards Institute, Standard C2-2023, February 1, 2023.
67. NATIONAL FIRE PROTECTION ASSOCIATION 70: *National Electrical Code*, 2020.
68. EXPONENT, INC., *Research on Extremely Low Frequency Electric and Magnetic Fields and Health*, August 1, 2012 – August 31, 2016, dated April 11, 2017, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/Docket_474/1_Application/4742GHCCPApplicationVolume2pdf.pdf
69. THE UNITED ILLUMINATING COMPANY, *2023 Ten-Year Forecast of Loads and Resources*, March 1, 2023, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/forecast2023/AnnualReports/20230301-UI2023--Report-on-Loads-and-Resources---Final.pdf

ENVIRONMENTAL

70. RICHARD M. DEGRAAF & DEBORAH D. RUDIS, *New England Wildlife: Habitat, Natural History, and Distribution*, University of Massachusetts Press, 1983, available at https://www.fs.usda.gov/nrs/pubs/gtr/gtr_ne108.pdf
71. UNITED STATES ARMY CORPS OF ENGINEERS, NEW ENGLAND DISTRICT, *Vernal Pool Best Management Practices*, January 2015, available at <https://www.nae.usace.army.mil/Portals/74/docs/regulatory/VernalPools/VPBMPsJan2015.pdf>
72. Christopher Barton and Karen Kinkead, *Do Erosion Control and Snakes Mesh?*, *Journal of Science and Water Conservation* 2005, Volume 60, Number 2, available at <https://www.fs.usda.gov/research/treesearch/21050>
73. AVIAN POWER LINE INTERACTION COMMITTEE, *Reducing Avian Collisions with Power Lines, The State of the Art in 2012*, available at https://www.aplic.org/uploads/files/15518/Reducing_Avian_Collisions_2012watermarkLR.pdf

74. UNITED STATES ARMY CORPS OF ENGINEERS, NEW ENGLAND DISTRICT, *The Highway Methodology Workbook*, October 1993, *available at* <http://www.nae.usace.army.mil/Portals/74/docs/regulatory/Forms/HighwayMethodBook.pdf>
75. UNITED STATES ARMY CORPS OF ENGINEERS, NEW ENGLAND DISTRICT, *The Highway Methodology Workbook Supplement, Wetland Functions and Values*, September 1999, *available at* <http://www.nae.usace.army.mil/Portals/74/docs/regulatory/Forms/HighwaySupplement6Apr2015.pdf>
76. UNITED STATES ARMY CORPS OF ENGINEERS, *Regional Supplement to the Corps of Engineers Wetland Delineation Manual, Northcentral and Northeast Region*, January 2012, *available at:* <https://usace.contentdm.oclc.org/utis/getfile/collection/p266001coll1/id/7640>
77. UNITED STATES ARMY CORPS OF ENGINEERS, *Regional Permits for the State of Connecticut*, Effective Date December 15, 2021, Expiration Date December 15, 2026, *available at:* https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Land_Use_Permits/LWRD/USACEctGeneralPermits2021.pdf

MAPS

78. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Natural Diversity Database Maps for the City of Bridgeport and Town of Fairfield*, December 2022, *available at* <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>
79. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Aquifer Protection Area Map for the State of Connecticut*, last updated December 23, 2021, *available at* <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Aquifer-Protection/Aquifer-Protection-Area-Maps>
80. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Northern long-eared bat areas of concern in Connecticut to assist with Federal Endangered Species Act Compliance*, last updated March 6, 2019, *available at* https://portal.ct.gov/-/media/DEEP/endangered_species/images/nlebmappdf.pdf?la=en
81. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Critical Habitats Interactive Map*, *available at* <https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/critical-habitats/explore?location=41.654537%2C-72.831884%2C16.73>
82. CONNECTICUT FOREST & PARK ASSOCIATION, *BLUE-BLAZED HIKING TRAILS INTERACTIVE MAP*, *available at* <https://www.ctwoodlands.org/blue-blazed-hiking-trails/blue-blazed-hiking-trails-interactive-map>

83. NATIONAL AUDUBON SOCIETY, *Connecticut Important Bird Areas*, available at <https://www.audubon.org/important-bird-areas/state/connecticut>
84. Mail-A-Map Street Map, City of Bridgeport, and Town of Fairfield, available at <http://mailamap.com/street-maps>
85. UNITED STATES GEOLOGICAL SURVEY, National Map Viewer, available at <https://apps.nationalmap.gov/viewer/>
86. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *Connecticut Official State Tourism Map*
87. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, State Park and Forests Interactive Map, available at <https://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=950da678b13b458ba4cbe5687e902c19&deepNav=%7C>

D. State Agency comments

1. Connecticut Airport Authority Comments, dated April 17, 2023
2. Council on Environmental Quality Comments, dated May 25, 2023
3. Department of Transportation, dated August 15, 2023

E. Municipal comments

1. Town of Fairfield Conservation Commission Comments, dated February 21, 2023

F. Public Official Comments

1. State Representative Jennifer Leeper, dated August 18, 2023

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 March 17, 2023, and attachments and bulk file exhibits including:

Bulk file exhibits:

- a. City of Bridgeport Zoning Code
 - b. City of Bridgeport Zoning Map
 - c. City of Bridgeport Plan of Conservation and Development
 - d. City of Bridgeport Inland Wetlands and Watercourses Regulations
 - e. City of Bridgeport Inland Wetlands Soil Map
 - f. Town of Fairfield Zoning Regulations
 - g. Town of Fairfield Zoning Map
 - h. Town of Fairfield Plan of Conservation and Development
 - i. Town of Fairfield Inland Wetlands and Watercourses Regulations
 - j. Town of Fairfield Inland Wetland Soil Map
 - k. Municipal Consultation Filing:
 - Volume 1 - Description of Proposed Project
 - Volume 1A - Appendix A - Agency Correspondence
 - Volume 1A - Appendix B - Ecological Assessment Report
 - Volume 1A - Appendix C - Visual Assessment and Photo-Simulations
 - Volume 1A - Appendix D - Cultural Resources Report
 - Volume 2 - Project Mapping and Drawings
 - Outreach Log
 - Frequently Asked Questions
 - Railroad Power Line Upgrades
 - Presentation to Bridgeport
 - Presentation to Westport
 - Fairfield Public Information Meeting Presentation
 - Bridgeport Public Information Meeting Presentation
 - Virtual Open House Postcard
 - UI's Project Page
2. Applicant's Corrected Public Notice Submission, dated March 21, 2023
 3. Applicant's Responses to Council Interrogatories, Set One, dated May 31, 2023

4. Applicant's Pre-filed Testimony of Brian Ragozzine, dated June 29, 2023
5. Applicant's Virtual Tour of Project, received June 29, 2023
6. Applicant's Letter to SHPO Concerning Supplemental Information to the Phase IA Cultural Resources Assessment Survey, dated June 30, 2023
7. Applicant's Responses to Council Interrogatories, Set Two, dated July 18, 2023
8. Applicant's Responses to BJ's Wholesale Club, Inc. Interrogatories, dated July 18, 2023
9. Applicant's Sign Posting Affidavit, dated July 18, 2023
10. Applicant's Witness Resumes, received July 18, 2023
11. Applicant's Additional Witness Resume – David Leslie, received August 11, 2023
12. Applicant's Responses to Council Interrogatories, Set Three, dated August 22, 2023
13. Applicant's Late Filed Exhibits, dated August 22, 2023

C. Swear Witnesses

1. Correne Auer, PE, Manager, Environmental, Programs/Projects, UI
2. Todd Berman, Senior Manager, Environmental Programs & Compliance, UI
3. Aziz Chouhdery, P.E., Lead Engineer, Project Unit HV Lines, UI
4. Shawn Crosbie, Manager – Projects Unit Transmission Lines CT, UI
5. Dr. Benjamin Cotts, Ph.D., P.E., Principal Engineer, Exponent
6. Leslie Downey, Outreach Specialist, Public Outreach Projects, UI
7. Brian Gaudet, Project Manager, All-Points Technology Corporation, P.C.
8. David R. George, M.A., R.P.A., Principal Investigator, Heritage Consultants, LLC
9. Zachary Logan, Manager/Project Development/Integrated System Planning (NE), Central Maine Power
10. Brian Ragozzine, Project Manager, UI
11. Matthew Parkhurst, P.E., Transmission Engineering Supervisor, Westwood Professional Services
12. Annette Potasz, Real Estate Projects, UI
13. MeeNa Sazanowicz, Transmission Line Standards, UI
14. David E. Leslie, Ph.D., R.P.A., Principal Investigator, Heritage Consultants, LLC
15. Matthew Scully, P.E., Construction Chief, H/V Lines CT

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

E. Cross Examination.

1. Council
2. BJ's Wholesale Club, Inc.

III. Appearance by Party: BJ's Wholesale Club, Inc. (BWC)

Representative: Daniel E. Casagrande, Esq.
Joseph P. Mortelliti, Esq.
Cramer & Anderson LLP

A. Administrative Notice.

1.

B. Exhibits for Identification.

1. BWC Request for Party or Intervenor Status, dated June 27, 2023
2. BWC Pre-filed Testimony of Patrick Netreba with attachments, dated August 22, 2023

C. Swear Witnesses

1. Vincent C. McDermott, FASLA, AICP, Principal Landscape Architect, SLR International Corporation
2. Patrick Netreba, Director of Real Estate, BJ's Wholesale Club, Inc.

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.