



STATE OF CONNECTICUT  
*CONNECTICUT SITING COUNCIL*

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Hearing Program

Docket No. 497

Tuesday, April 13, 2021

2:00 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/materials/electric\\_and\\_magnetic\\_fields\\_associated\\_with\\_the\\_use\\_of\\_electric\\_power\\_questions\\_and\\_answers\\_english\\_508.pdf](http://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. UNITED STATES DEPARTMENT OF TRANSPORTATION, FEDERAL AVIATION ADMINISTRATION, *Obstruction Marking and Lighting, Advisory Circular AC 70/7460-1L*, December 4, 2015, as amended, 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)
4. Presidential Proclamation No. 8460, Critical Infrastructure Month, 74 Fed. Reg. 234, December 8, 2009, available at <http://www.presidency.ucsb.edu/ws/index.php?pid=86954>
5. 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>
6. UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, *National Register of Historic Places*, July 2010, available at <https://www.nps.gov/subjects/nationalregister/index.htm>

7. 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>
8. 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>
9. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2020*, January 29, 2020, available at <https://www.eia.gov/outlooks/aeo/>
10. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Levelized Cost and Levelized Avoided Cost of New Generation Resources in Annual Energy Outlook 2020*, February 2020, available at [https://www.eia.gov/outlooks/aeo/pdf/electricity\\_generation.pdf](https://www.eia.gov/outlooks/aeo/pdf/electricity_generation.pdf)
11. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2021*, February 3, 2021, available at <https://www.eia.gov/outlooks/aeo/>
12. 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>
13. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, Office of Solid Waste and Emergency Response, *Handbook on Siting Renewable Energy Projects While Addressing Environmental Issues*, available at [https://www.epa.gov/sites/production/files/2015-04/documents/handbook\\_siting\\_repowering\\_projects.pdf](https://www.epa.gov/sites/production/files/2015-04/documents/handbook_siting_repowering_projects.pdf)
14. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY AND NATIONAL RENEWABLE ENERGY LABORATORY, *Best Practices for Siting Solar Photovoltaics on Municipal Solid Waste Landfills*, February 2013, available at [https://www.epa.gov/sites/production/files/2015-03/documents/best\\_practices\\_siting\\_solar\\_photovoltaic\\_final.pdf](https://www.epa.gov/sites/production/files/2015-03/documents/best_practices_siting_solar_photovoltaic_final.pdf)
15. UNITED STATES DEPARTMENT OF AGRICULTURE, *Solar Energy Use in U.S. Agriculture Overview and Policy Issues*, April 2011, available at [https://www.usda.gov/oce/reports/energy/Web\\_SolarEnergy\\_combined.pdf](https://www.usda.gov/oce/reports/energy/Web_SolarEnergy_combined.pdf)
16. 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)

17. UNITED STATES FEDERAL AVIATION ADMINISTRATION, *Evaluation of Glare as a Hazard for General Aviation Pilots on Final Approach*, July 2015 available at [https://www.faa.gov/data\\_research/research/med\\_humanfacs/oamtechreports/2010s/media/201512.pdf](https://www.faa.gov/data_research/research/med_humanfacs/oamtechreports/2010s/media/201512.pdf)
18. UNITED STATES FEDERAL AVIATION ADMINISTRATION, *Technical Guidance for Evaluating Selected Solar Technologies on Airports*, November 2010 (updated April 2018), available at [https://www.faa.gov/airports/environmental/policy\\_guidance/media/FAA-Airport-Solar-Guide-2018.pdf](https://www.faa.gov/airports/environmental/policy_guidance/media/FAA-Airport-Solar-Guide-2018.pdf)
19. UNITED STATES FEDERAL AVIATION ADMINISTRATION, Interim Policy, *FAA Review of Solar Energy System Projects on Federally Obligated Airports (inclusive of Solar Glare Hazard Analysis Tool)*, October 23, 2013, available at <https://www.federalregister.gov/documents/2013/10/23/2013-24729/interim-policy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports>
20. *Allco Fin. Ltd. v. Klee*, 2014 U.S. Dist. LEXIS 170674 (D. Conn. 2014), affirmed by *Allco Fin. Ltd. v. Klee*, 805 F.3d 89 (2<sup>nd</sup> Cir. 2015)

## **REGIONAL**

21. ISO-NEW ENGLAND, INC., *Operational Fuel-Security Analysis*, January 17, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/01/20180117\\_operational\\_fuel-security\\_analysis.pdf](https://www.iso-ne.com/static-assets/documents/2018/01/20180117_operational_fuel-security_analysis.pdf)
22. ISO-NEW ENGLAND, INC., *New England's Wholesale Electricity Prices in 2017 Were the Second-Lowest Since 2003*, March 6, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/03/20180306\\_pr\\_2017prices.pdf](https://www.iso-ne.com/static-assets/documents/2018/03/20180306_pr_2017prices.pdf)
23. ISO-NEW ENGLAND, INC., *2019 Regional System Plan*, October 31, 2019, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
24. ISO-NEW ENGLAND, INC., *2019 Regional System Plan Project List*, October 2019, available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
25. ISO-NEW ENGLAND, INC., *2019-2028 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, April 30, 2019, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
26. ISO-NEW ENGLAND, INC., *2020-2029 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2020, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
27. ISO-NEW ENGLAND, INC., *2019 Regional Electricity Outlook*, March 2019, available at <https://www.iso-ne.com/about/regional-electricity-outlook/>
28. ISO-NEW ENGLAND, INC., *2020 Regional Electricity Outlook*, February 2020, available at <https://www.iso-ne.com/about/regional-electricity-outlook/>

29. ISO-NEW ENGLAND, INC., *ISO New England Installed Capacity Requirement, Local Sourcing Requirements and Capacity Requirement Values for the System-Wide Capacity Demand Curve for the 2019/20 Capacity Commitment Period*, January 2016, available at [https://www.iso-ne.com/static-assets/documents/2016/01/icr\\_values\\_2019\\_2020\\_report\\_final.pdf](https://www.iso-ne.com/static-assets/documents/2016/01/icr_values_2019_2020_report_final.pdf)
30. ISO-NEW ENGLAND, INC., *The Challenge of Ensuring System Reliability Through Wholesale Markets as the Resource Mix Evolves*, November 17, 2016, available at [http://www.necbc.org/content/pages/Gordon-van-Welie\\_ISO-NE\\_NECBC\\_11\\_17\\_2016\\_final.pptx.pdf](http://www.necbc.org/content/pages/Gordon-van-Welie_ISO-NE_NECBC_11_17_2016_final.pptx.pdf)
31. ISO-NEW ENGLAND, INC., *ISO New England's Internal Market Monitor 2018 Annual Markets Report*, May 23, 2019, available at <https://www.iso-ne.com/static-assets/documents/2019/05/2018-annual-markets-report.pdf>
32. ISO-NEW ENGLAND, INC., *ISO New England's Internal Market Monitor 2019 Annual Markets Report*, May 26, 2020 (revised June 9, 2020), available at <https://www.iso-ne.com/static-assets/documents/2020/05/2019-annual-markets-report.pdf>
33. 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)
34. 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)
35. ISO-NEW ENGLAND, INC., *Final 2019 PV Forecast*, April 29, 2019, available at <https://www.iso-ne.com/static-assets/documents/2019/04/final-2019-pv-forecast.pdf>
36. ISO-NEW ENGLAND, INC., *Final 2020 PV Forecast*, April 29, 2020, available at [https://www.iso-ne.com/static-assets/documents/2020/04/final\\_2020\\_pv\\_forecast.pdf](https://www.iso-ne.com/static-assets/documents/2020/04/final_2020_pv_forecast.pdf)
37. [ISO-NEW ENGLAND, INC., \*Interconnection Request Queue\*](https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue), available at <https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue>
38. ISO-NEW ENGLAND, INC., *Final Auction Results Confirm Sufficient Capacity Resources for 2022-2023*, February 28, 2019, available at [https://www.iso-ne.com/static-assets/documents/2019/02/20190228\\_pr\\_fca13\\_final\\_results.pdf](https://www.iso-ne.com/static-assets/documents/2019/02/20190228_pr_fca13_final_results.pdf)
39. [ISO-NEW ENGLAND, INC., \*FCA Results Filing in FERC Docket No. ER19-000\*](https://www.iso-ne.com/static-assets/documents/2019/02/fca_13_results_filing.pdf), February 28, 2019, available at [https://www.iso-ne.com/static-assets/documents/2019/02/fca\\_13\\_results\\_filing.pdf](https://www.iso-ne.com/static-assets/documents/2019/02/fca_13_results_filing.pdf)
40. ISO-NEW ENGLAND, INC., *Final Auction Results Confirm Sufficient Capacity Resources and Historically-Low Prices for 2023-2024*, February 18, 2020, available at [https://www.iso-ne.com/static-assets/documents/2020/02/20200218\\_pr\\_fca14\\_final\\_results.pdf](https://www.iso-ne.com/static-assets/documents/2020/02/20200218_pr_fca14_final_results.pdf)

41. ISO-NEW ENGLAND, INC., *FCA Results Filing in FERC Docket No. ER20-\_\_\_\_-000*, February 28, 2020, available at [https://www.iso-ne.com/static-assets/documents/2020/02/fca\\_14\\_results\\_filing.pdf](https://www.iso-ne.com/static-assets/documents/2020/02/fca_14_results_filing.pdf)
42. ISO-NEW ENGLAND, INC., *New England's Forward Capacity Auction Closes with Adequate Power System Resources for 2024-2025*, February 11, 2021, available at [https://www.iso-ne.com/static-assets/documents/2021/02/20210211\\_pr\\_fca15\\_initial\\_results.pdf](https://www.iso-ne.com/static-assets/documents/2021/02/20210211_pr_fca15_initial_results.pdf)

## **STATE**

### **Connecticut Siting Council**

43. 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://www.ct.gov/csc/lib/csc/emf\\_bmp/revisions\\_updates/754bmpfinal.pdf](https://www.ct.gov/csc/lib/csc/emf_bmp/revisions_updates/754bmpfinal.pdf)
44. CONNECTICUT SITING COUNCIL, *2016/2017 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)
45. 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](http://www.ct.gov/csc/lib/csc/docket_346/whitepr_final.pdf)
46. CONNECTICUT SITING COUNCIL, *Investigation into the Life-cycle Costs of Electric Transmission Lines*, October 11, 2018, available at [https://www.ct.gov/csc/lib/csc/publications/2017-life-cycle\\_finalrpt.pdf](https://www.ct.gov/csc/lib/csc/publications/2017-life-cycle_finalrpt.pdf)
47. **DOCKET NO. 470B** - NTE Connecticut, LLC Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a 550-megawatt dual-fuel combined cycle electric generating facility and associated electrical interconnection switchyard located at 180 and 189 Lake Road, Killingly, Connecticut. Reopening of this application based on changed conditions pursuant to Connecticut General Statutes §4-181a(b). Record and Final Decision, available at [https://portal.ct.gov/CSC/1\\_Applications-and-Other-PendingMatters/Applications/3\\_DocketNos400s/Docket-No-470B-NTEKillingly](https://portal.ct.gov/CSC/1_Applications-and-Other-PendingMatters/Applications/3_DocketNos400s/Docket-No-470B-NTEKillingly)
48. **PETITION NO. 1310A** - Quinebaug Solar, LLC declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 50 megawatt AC solar photovoltaic electric generating facility on approximately 561 acres comprised of 29 separate and abutting privately-owned parcels located generally north of Wauregan Road in Canterbury and south of Rukstela Road and Allen Hill Road in Brooklyn, Connecticut. Reopening of this petition based on changed conditions pursuant to Connecticut General Statutes §4-181a(b). Record and Final Decision, available at [https://portal.ct.gov/CSC/3\\_Petitions/Petition-Nos-1301-1310/Petition-No-1310A-CanterburyBrooklyn](https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1301-1310/Petition-No-1310A-CanterburyBrooklyn)

49. **PETITION NO. 1313** - DWW Solar II, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance and operation of a 26.4 megawatt AC solar photovoltaic electric generating facility on approximately 289 acres comprised of 5 separate and abutting privately-owned parcels located generally west of Hopmeadow Street (US 202/CT 10), north and south of Hoskins Road, and north and east of County Road and associated electrical interconnection to Eversource Energy's North Simsbury Substation west of Hopmeadow Street in Simsbury, Connecticut. Record and Final Decision, *available at* [https://portal.ct.gov/CSC/3\\_Petitions/Petition-Nos-1311-1320/Petition-No-1313-Simsbury](https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1311-1320/Petition-No-1313-Simsbury)
50. **PETITION NO. 1437** - Burlington Solar One, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 3.5-megawatt AC solar photovoltaic electric generating facility and associated electrical interconnection located at Lot 33, Prospect Street, Burlington, Connecticut. Record, *available at* [https://portal.ct.gov/CSC/3\\_Petitions/Petition-Nos-1431-1440/Petition-No-1437-Burlington-Solar](https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1431-1440/Petition-No-1437-Burlington-Solar)

**Department of Energy and Environmental Protection**

51. 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* [http://www.ct.gov/dep/cwp/view.asp?a=2720&q=325660&depNav\\_GID=1654](http://www.ct.gov/dep/cwp/view.asp?a=2720&q=325660&depNav_GID=1654)
52. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *The Connecticut Stormwater Quality Manual*, 2004, and *appendices*, *available at* [http://www.ct.gov/DEP/cwp/view.asp?a=2721&q=325704&depNav\\_GID=1654#download](http://www.ct.gov/DEP/cwp/view.asp?a=2721&q=325704&depNav_GID=1654#download)
53. 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 October 10, 2013, *available at* <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7B2328E62B-7982-48A7-AF52-F3F382A821FA%7D>
54. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Air Quality Standards*, Effective February 8, 2018, Regulations of Connecticut State Agencies §§ 22a-174-24, et seq., *available at* <https://eregulations.ct.gov/eRegsPortal/Browse/RCSA/%7BD4AF4488-7FAF-4C01-855D-8421C5793BE6%7D>
55. 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/%7BAC772FCD-E1D5-4E99-A871-13C581E951F8%7D>

56. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF ENERGY AND TECHNOLOGY POLICY, *2018 Comprehensive Energy Strategy for Connecticut*, February 8, 2018, available at [https://www.ct.gov/deep/lib/deep/energy/ces/2018\\_comprehensive\\_energy\\_strategy.pdf](https://www.ct.gov/deep/lib/deep/energy/ces/2018_comprehensive_energy_strategy.pdf)
57. 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>
58. 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 [http://www.ct.gov/deep/lib/deep/wildlife/pdf\\_files/nongame/ETS15.pdf](http://www.ct.gov/deep/lib/deep/wildlife/pdf_files/nongame/ETS15.pdf)
59. 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](http://www.ct.gov/deep/cwp/view.asp?a=2723&q=329520&deepNav_GID=1719#Review)
60. [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://www.ct.gov/deep/lib/deep/fishing/restoration/streamcrossingguidelines.pdf) <https://www.ct.gov/deep/lib/deep/fishing/restoration/streamcrossingguidelines.pdf>
61. 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>

**Department of Public Health**

62. 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](https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental_health/eoha/pdf/EMFFactSheet2008pdf.pdf?la=en)

**Department of Transportation**

63. 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>
64. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, *Utility Accommodation Manual*, February 2009, available at <http://www.ct.gov/dot/lib/dot/documents/dutilities/ACCOMODATION.pdf>

65. 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 <http://www.ct.gov/dot/lib/dot/documents/dutilities/UtilityPolicyProcedures.pdf>

**Other State Agencies**

66. 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/OPM/IGPP-MAIN/Responsible-Growth/Conservation-and-Development-Policies-Plan/2018-2023-POCD-Update>
67. 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](http://www.governor.ct.gov/malloy/lib/malloy/two_storm_panel_final_report.pdf)
68. STATE OF CONNECTICUT, CONNECTICUT GREEN BANK, *Comprehensive Plan, Fiscal Year 2020 and Beyond*, available at [https://ctgreenbank.com/wp-content/uploads/2020/07/Green-Bank\\_Revised-Comprehensive-Plan\\_062620a.pdf](https://ctgreenbank.com/wp-content/uploads/2020/07/Green-Bank_Revised-Comprehensive-Plan_062620a.pdf)
69. STATE OF CONNECTICUT, DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION, DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY, *State of Connecticut State Response Framework, Version 4.1*, September 2014, available at [https://portal.ct.gov/-/media/DEMHS/\\_docs/SRFV41pdf.pdf](https://portal.ct.gov/-/media/DEMHS/_docs/SRFV41pdf.pdf)
70. STATE OF CONNECTICUT, 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 [http://www.ct.gov/deep/lib/deep/climatechange/connecticut\\_climate\\_preparedness\\_plan\\_2011.pdf](http://www.ct.gov/deep/lib/deep/climatechange/connecticut_climate_preparedness_plan_2011.pdf)
71. PUBLIC UTILITIES REGULATORY AUTHORITY, *Cybersecurity and Connecticut's Public Utilities*, April 14, 2014, available at [http://www.ct.gov/pura/lib/pura/electric/cyber\\_report\\_041414.pdf](http://www.ct.gov/pura/lib/pura/electric/cyber_report_041414.pdf)
72. PUBLIC UTILITIES REGULATORY AUTHORITY, *Connecticut Public Utilities Cybersecurity Action Plan*, April 6, 2016, available at [http://www.ct.gov/pura/lib/pura/electric/cyber\\_report\\_April\\_6\\_2016.pdf](http://www.ct.gov/pura/lib/pura/electric/cyber_report_April_6_2016.pdf)
73. PUBLIC UTILITIES REGULATORY AUTHORITY, *2020 Connecticut Public Utility Annual Cybersecurity Report*, April 5, 2021, available at <https://portal.ct.gov/-/media/PURA/2020-Connecticut-Public-Utility-Annual-Cybersecurity-Report.pdf>
74. PUBLIC UTILITIES REGULATORY AUTHORITY, *Docket No. 19-06-36 Application of Low and Zero Emissions Renewable Energy Credit Program – Year 9 and 10 Solicitations*, June 25, 2019, available at [http://www.dpuc.state.ct.us/dockcurr.nsf/\(Web%20Main%20View%5CAll%20Dockets\)?OpenView&Start=549](http://www.dpuc.state.ct.us/dockcurr.nsf/(Web%20Main%20View%5CAll%20Dockets)?OpenView&Start=549)



75. 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 [http://www.ct.gov/deep/lib/deep/forestry/vmtf/final\\_report/svmtf\\_final\\_report.pdf](http://www.ct.gov/deep/lib/deep/forestry/vmtf/final_report/svmtf_final_report.pdf)
76. STATE OF CONNECTICUT, COUNCIL ON ENVIRONMENTAL QUALITY, *Energy Sprawl in Connecticut: Why Farmland and Forests are Being Developed for Electricity Production; Recommendations for Better Siting*, February 3, 2017, available at [http://www.ct.gov/ceq/lib/ceq/Energy\\_Sprawl\\_in\\_Connecticut.pdf](http://www.ct.gov/ceq/lib/ceq/Energy_Sprawl_in_Connecticut.pdf)
77. STATE OF CONNECTICUT, COUNCIL ON ENVIRONMENTAL QUALITY, August 26, 2020 Meeting Minutes, available at <https://portal.ct.gov/CEQ/Meetings-and-Agendas/Minutes/2020/August-26-2020>
78. STATE OF CONNECTICUT, EXECUTIVE ORDER NO. 7, Protection of Public Health and Safety During COVID-19 Pandemic and Response, March 12, 2020, and subsequent orders related thereto, available at <https://portal.ct.gov/-/media/Office-of-the-Governor/Executive-Orders/Lamont-Executive-Orders/Executive-Order-No-7.pdf>
79. *Manor Development Corp. v. Conservation Comm. of Simsbury*, 180 Conn. 692, 701 (1980).
80. *Grimes v. Conservation Comm. of Litchfield*, 243 Conn. 266, 278 (1997).
81. *FairwindCT, Inc. v. Connecticut Siting Council*, 313 Conn. 669 (2014).
82. *Connecticut Energy Marketers Association v. Dept. of Energy and Environmental Protection*, 324 Conn. 362 (2016).
83. *Corcoran v. Connecticut Siting Council*, 284 Conn. 455 (2007).

#### **TECHNICAL**

84. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *National Electrical Safety Code*, American National Standards Institute, Standard C2-2017, October 18, 2016.
85. IEEE STANDARDS ASSOCIATION, *1264-2015 - IEEE Guide for Animal Deterrents for Electric Power Supply Substations*, available at <https://standards.ieee.org/findstds/standard/1264-2015.html>
86. NATIONAL FIRE PROTECTION ASSOCIATION 70: *National Electrical Code*, 2017.
87. EXPONENT, INC., *EMF and Health: Comprehensive Review and Update of the Scientific Research – January 15, 2010 through March 1, 2012*, July 27, 2012, available at <https://www.bchydro.com/content/dam/BCHydro/customer-portal/documents/corporate/community/exponent-2010-2012.pdf>

88. 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://www.ct.gov/csc/lib/csc/pendingproceeds/docket\\_474/1\\_application/474\\_2\\_ghccp\\_application\\_volume2.pdf](https://www.ct.gov/csc/lib/csc/pendingproceeds/docket_474/1_application/474_2_ghccp_application_volume2.pdf)
89. NC STATE UNIVERSITY, NC CLEAN ENERGY TECHNOLOGY CENTER, *Health and Safety Impacts of Solar Photovoltaics*, May 2017, available at <https://nccleantech.ncsu.edu/wp-content/uploads/2019/10/Health-and-Safety-Impacts-of-Solar-Photovoltaics-PV.pdf>

## **ENVIRONMENTAL**

90. RICHARD M. DEGRAAF & DEBORAH D. RUDIS, *New England Wildlife: Habitat, Natural History, and Distribution*, University of Massachusetts Press, 1983, available at <http://www.treesearch.fs.fed.us/pubs/4148>
91. 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>
92. LAUREN M. COOK & RICHARD H. MCCUEN, *Hydrologic Response of Solar Farms*, *Journal of Hydrologic Engineering*, May 2013, available at [http://ascelibrary.org/doi/abs/10.1061/\(ASCE\)HE.1943-5584.0000530](http://ascelibrary.org/doi/abs/10.1061/(ASCE)HE.1943-5584.0000530)
93. CHRISTOPHER BARTON AND KAREN KINKEAD, *Do Erosion Control and Snakes Mesh?*, *Journal of Science and Water Conservation* 2005, Volume 60, Number 2, available at <http://www.treesearch.fs.fed.us/pubs/21050>
94. UNITED STATES ARMY CORPS OF ENGINEERS, *General Permits for the State of Connecticut & Lands Located Within the Boundaries of an Indian Reservation*, Effective Date August 19, 2016, Expiration Date August 19, 2021, available at: [https://www.nae.usace.army.mil/portals/74/docs/regulatory/StateGeneralPermits/CT/Connecticut\\_General\\_Permits-August\\_2016.pdf](https://www.nae.usace.army.mil/portals/74/docs/regulatory/StateGeneralPermits/CT/Connecticut_General_Permits-August_2016.pdf)

## **MAPS**

95. UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, *Interactive National Heritage Areas Map*, available at <https://www.nps.gov/maps/full.html?mapId=01a03739-ab0c-40eb-bc3d-6791d3bb67fa>
96. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Natural Diversity Database Maps for the Town of Burlington*, available at <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>
97. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Aquifer Protection Area Map for the Town of Burlington*, last updated August 26, 2019, available at <http://www.ct.gov/deep/cwp/view.asp?a=2685&q=322248>

98. 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](https://portal.ct.gov/-/media/DEEP/endangered_species/images/nlebmappdf.pdf?la=en)
99. UNIVERSITY OF CONNECTICUT, CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE, *Connecticut Critical Habitats and Open Space*, last updated November 28, 2012, available at <http://cteco.maps.arcgis.com/home/item.html?id=a1bf59798c5b45a98aeab97dafd60b9>
100. 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>
101. NATIONAL AUDUBON SOCIETY, *Connecticut Important Bird Areas*, available at <https://www.audubon.org/important-bird-areas/state/connecticut>
102. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *Connecticut Official State Tourism Map*.
103. MAIL-A-MAP STREET MAP, Burlington, available at [http://mailamap.com/street\\_maps](http://mailamap.com/street_maps)
104. UNITED STATES GEOLOGICAL SURVEY, Interactive Topographical Map Viewer, available at <https://ngmdb.usgs.gov/topoview/viewer/#4/39.98/-100.06>

C. State Agency comments

1. Council on Environmental Quality Comments, dated February 24, 2021
2. Department of Transportation Comments, received March 8, 2021

II. Appearance by Applicant

Applicant: Burlington Solar One, LLC (BSO)

Representative: Lee D. Hoffman, Esq.  
Pullman & Comley LLC

A. Administrative Notice.

1.

B. Exhibits for Identification.

1. Application for a Certificate of Environmental Compatibility and Public Need filed by Burlington Solar One, LLC, received January 22, 2021, and attachments and bulk file exhibits including:

Bulk file exhibits:

- a. Town of Burlington Planning and Zoning Regulations
- b. Town of Burlington 2020 Plan of Conservation and Development
- c. Town of Burlington Inland Wetlands and Watercourses Regulations

2. Applicant's Response to Council's Incomplete Letter, dated January 27, 2021
3. Applicant's Affidavit of Publication, dated February 11, 2021
4. Applicant's Responses to Council Interrogatories, Set One, dated March 16, 2021
5. Applicant's Amended Responses to Council Set One Interrogatory Nos. 2, 13, 30 and 45, dated March 23, 2021
6. Applicant's Sign Posting Affidavit, received March 23, 2021
7. Applicant's Late-Filed Exhibits, dated April 7, 2021

C. Swear Witnesses

1. William Herchel, Chief Executive Officer, Verogy
2. Steven DeNino, Chief Operating Officer, Verogy
3. Bryan Fitzgerald, Director of Development, Verogy
4. Kyle Perry, Engineering Manager, Verogy
5. Robert Hiltbrand, Principal Engineer, R.R. Hiltbrand Engineers & Surveyors
6. Eric Davison, Wildlife Biologist/Owner, Davison Environmental

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

E. Cross Examination.

1. Council

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III. Closing by Connecticut Siting Council.