



# 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](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

### VIA ELECTRONIC MAIL

December 27, 2019

TO: Parties and Intervenors

FROM: Melanie Bachman, Executive Director *MAB*

RE: **PETITION NO. 1310A** - Quinebaug Solar, 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 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).

---

At a pre-hearing conference held on December 18, 2019, at the Connecticut Siting Council's (Council) office, and attended by David W. Bogan, Esq. and Kate Boucher, Esq. of Locke Lorde LLP, Marianne Barbino Dubuque, Esq., of Carmody Torrance Sandack & Hennessy LLP, Hagen Lee of NextEra Energy Resources, Brian Huntley of Tighe & Bond, Katelin Nickerson of Tetra Tech, and Andrew Lord of Eversource, and an unidentified caller, the Council requested that the following format be used for the public hearing scheduled on Tuesday, January 14, 2020 (snow date January 21, 2020).

### Pre-hearing Procedure

1. On or before December 31, 2019, all parties and intervenors are requested to exchange pre-hearing interrogatories with all other parties and intervenors.
2. On or before January 7, 2020 all parties and intervenors are requested to file responses to pre-hearing interrogatories and exchange pre-filed testimony, exhibits, witness lists, and items to be noticed administratively with the Council and all other parties and intervenors. To save the time and expense of parties, intervenors, and the public, all parties and intervenors are encouraged to resolve discrepancies of these items before the hearing.
3. Any person seeking to be admitted as a party or intervenor to the proceeding is requested to file a written petition with the Council on or before January 9, 2020.
4. All filings are to be in accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies the Council requires an original and 15 copies of all filings. The Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators.



CONNECTICUT SITING COUNCIL

Affirmative Action / Equal Opportunity Employer

5. Pursuant to Section 16-50j-21 of the Regulations of Connecticut State Agencies, at least ten business days prior to the public hearing, the petitioner shall erect and maintain, in a legible condition, a sign not less than six feet by four feet in a conspicuous location where the project fronts a public road where the proposed facility is to be located. Tentative sign locations include: near the intersection of Liepis Road and Wauregan Road in Canterbury and along Rukstella Road in Brooklyn. The sign shall set forth the name of the petitioner, the type of facility, the public hearing date, and contact information for the Council (Web site and phone number). Information pertaining to the location of the sign shall be submitted to the Council prior to sign installation. **The sign shall not be removed from the site until after the commencement of the evening public comment session.**
6. Enclosed is a list of items the Council wishes to notice administratively. Objections to any item on the list should be sent to the Council before the hearing.

### **Hearing Procedure**

7. A public field review of the proposed site will be held on Tuesday, January 14, 2020, beginning at 1:30 p.m. (snow date January 21, 2020).
8. The 3:00 p.m., January 14, 2020 (snow date January 21, 2020), hearing session will provide the petitioner, parties, and intervenors an opportunity to introduce exhibits and witnesses, and cross-examine positions. The petitioner will be allowed to present its exhibits and witness panel, and then be subject to cross-examination by the Council and all parties and intervenors. All parties and intervenors will then be allowed to introduce their exhibits and witness panels, and be subject to cross-examination by the Council, the petitioner and all other parties and intervenors.
9. All participants are requested to place nameplates on the table in front of each witness at the hearing.
10. The order of appearances and cross-examination will be governed by a hearing program developed by the Council for the proceeding. The Council may issue a draft version of the hearing program to parties and intervenors prior to the hearing.
11. The 6:30 p.m. hearing session on January 14, 2020 (snow date January 21, 2020), will be reserved for the public to make brief statements into the record. The Council requests that the petitioner conduct a brief presentation prior to public comment, using 24-inch by 36-inch diagrams depicting site features, including a map showing abutting properties. The diagrams must be from materials already submitted into the record.
12. The Council will provide public officials who have not been granted party or intervenor status an opportunity to make a statement.
13. The Council may, at its discretion, group parties and intervenors with the same interest.
14. Individuals will be encouraged to participate through their elected officials and other party or intervenor groupings.

15. Any party or intervenor, including those that are members of non-profit corporations or citizens groups, that have attained party or intervenor status in the proceeding are deemed to be represented in the proceeding and may not submit oral or written statements into the record.
16. All participants will be encouraged to be brief, concise, non-repetitious, and courteous of all other participants.

**Post-hearing procedure**

17. A verbatim transcript of the hearing session will be made and deposited with the Clerk's Offices of the Brooklyn, Canterbury, and Plainfield, Connecticut Town Halls for the convenience of the public.
18. Parties and intervenors will be allowed to submit briefs and proposed findings of fact within 30 days after the close of the hearing.
19. Members of the public will be allowed to submit public statements into the record within 30 days after the close of the hearing.
20. Deadlines for briefs, proposed findings of fact, and public statements will be final and no extensions will be granted.

Thank you for your cooperation.

MAB/MP/lm

Enclosure: Administrative Notice List



# 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](mailto:siting.council@ct.gov)

[www.ct.gov/csc](http://www.ct.gov/csc)

### Administrative Notice List

Petition No. 1310A

#### **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: Energy Transmission, Storage, and Distribution Infrastructure*, April 2015, available at <https://www.energy.gov/policy/downloads/quadrennial-energy-review-first-installment>
9. 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>
10. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2019, January 24, 2019*, available at <https://www.eia.gov/outlooks/aeo/>
11. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Levelized Cost and Levelized Avoided Cost of New Generation Resources in Annual Energy Outlook 2019*, February 2019, available at [https://www.eia.gov/outlooks/aeo/pdf/electricity\\_generation.pdf](https://www.eia.gov/outlooks/aeo/pdf/electricity_generation.pdf)



CONNECTICUT SITING COUNCIL  
Affirmative Action / Equal Opportunity Employer

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, *available at* [https://www.faa.gov/airports/environmental/policy\\_guidance/media/airport-solar-guide-print.pdf](https://www.faa.gov/airports/environmental/policy_guidance/media/airport-solar-guide-print.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., *2017 Regional System Plan*, November 2, 2017, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
24. ISO-NEW ENGLAND, INC., *2019 Regional System Plan*, October 31, 2019, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>

25. ISO-NEW ENGLAND, INC., *2019 Regional System Plan Project List*, June 2019, available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
26. ISO-NEW ENGLAND, INC., *2018-2027 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 9, 2018, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
27. 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>
28. ISO-NEW ENGLAND, INC., *2018 Regional Electricity Outlook*, February 14, 2018, available at <https://www.iso-ne.com/about/regional-electricity-outlook/>
29. ISO-NEW ENGLAND, INC., *2019 Regional Electricity Outlook*, March 2019, available at <https://www.iso-ne.com/about/regional-electricity-outlook/>
30. 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)
31. 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)
32. ISO-NEW ENGLAND, INC., *ISO New England's Internal Market Monitor 2017 Annual Markets Report*, May 17, 2018, available at <https://www.iso-ne.com/static-assets/documents/2018/05/2017-annual-markets-report.pdf>
33. 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>
34. ISO-NEW ENGLAND, INC., *State of the Grid: 2018, Presentation by Gordon van Welie*, February 27, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/02/02272018\\_pr\\_presentation\\_state-of-the-grid\\_2018.pdf](https://www.iso-ne.com/static-assets/documents/2018/02/02272018_pr_presentation_state-of-the-grid_2018.pdf)
35. 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)
36. ISO-NEW ENGLAND, INC., *Final 2018 PV Forecast*, May 1, 2018, available at <https://www.iso-ne.com/static-assets/documents/2018/04/final-2018-pv-forecast.pdf>
37. 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>
38. ISO-NEW ENGLAND, INC., *Interconnection Request Queue*, available at <https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue>

39. ISO-NEW ENGLAND, INC., *Finalized Results Confirm 12<sup>th</sup> Capacity Auction Procured Sufficient Resources for 2021-2022*, February 28, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/02/20180228\\_pr\\_fca12\\_final\\_results.pdf](https://www.iso-ne.com/static-assets/documents/2018/02/20180228_pr_fca12_final_results.pdf)
40. ISO-NEW ENGLAND, INC., *FCA Results Filing in FERC Docket No. ER18-940-000*, February 28, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/02/fca\\_12\\_results\\_filing.pdf](https://www.iso-ne.com/static-assets/documents/2018/02/fca_12_results_filing.pdf)
41. 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)
42. ISO-NEW ENGLAND, INC., *FCA Results Filing in FERC Docket No. ER19-\_\_\_\_-000*, 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)

## **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, *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)
45. 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)
46. 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/whiteppr\\_final.pdf](http://www.ct.gov/csc/lib/csc/docket_346/whiteppr_final.pdf)
47. 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](http://www.ct.gov/csc/lib/csc/lifecycle2011/life_cycle_final_report.pdf)
48. 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)
49. CONNECTICUT SITING COUNCIL, *Written Testimony in Reference to Raised Bill No. 943, An Act Concerning the Installation of Certain Solar Facilities on Productive Farmlands*, March 6, 2017, available at <https://www.cga.ct.gov/2017/ENVdata/Tmy/2017SB-00943-R000306-Stein,%20Robin%20,%20Chairman-Connecticut%20Siting%20Council-TMY.PDF>
50. CONNECTICUT SITING COUNCIL, *Written Testimony in Reference to Raised Bill No. 412, An Act Restricting the Use of Incentives for the Development of Solar Arrays on Agricultural Land*, February 7, 2017, available at <https://www.cga.ct.gov/2017/ETdata/Tmy/2017SB-00412-R000207-Stein,%20Robin,%20Chairman-Connecticut%20Siting%20Council-TMY.PDF>

51. **PETITION NO. 1310** - Quinebaug Solar, LLC petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required 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. Record and Final Decision, available at <https://www.ct.gov/csc/cwp/view.asp?a=2397&Q=594016&PM=1>
52. Resignation Letter of Michael Klemens from Connecticut Siting Council membership, May 15, 2019.

**Department of Energy and Environmental Protection**

53. 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)
54. 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)
55. 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>
56. 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>
57. 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>
58. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF ENERGY AND TECHNOLOGY POLICY, *2013 Comprehensive Energy Strategy for Connecticut*, February 19, 2013, available at [http://www.ct.gov/deep/lib/deep/energy/cep/2013\\_ces\\_final.pdf](http://www.ct.gov/deep/lib/deep/energy/cep/2013_ces_final.pdf)
59. 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)
60. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF ENERGY AND TECHNOLOGY POLICY, *2012 Integrated Resource Plan for Connecticut*, June 14, 2012, available at [http://www.dpuc.state.ct.us/DEEPEnergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/cb827b1ffa58b2fd85257a1d0060c374/\\$FILE/2012%20Integrated%20Resource%20Plan.pdf](http://www.dpuc.state.ct.us/DEEPEnergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/cb827b1ffa58b2fd85257a1d0060c374/$FILE/2012%20Integrated%20Resource%20Plan.pdf)

61. 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>
62. 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)
63. 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)
64. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF ENERGY AND TECHNOLOGY POLICY, *2-20 MW Renewable, Demand Response and Energy Storage Procurement*, August 31, 2015, available at [http://www.dpuc.state.ct.us/DEEPEnergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/67b2877d014a6f2a85257eb200467127/\\$FILE/Notice%20of%20proceedings%20and%20opportunity%20to%20comment%2008.31.15.pdf](http://www.dpuc.state.ct.us/DEEPEnergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/67b2877d014a6f2a85257eb200467127/$FILE/Notice%20of%20proceedings%20and%20opportunity%20to%20comment%2008.31.15.pdf)

#### **Department of Public Health**

65. 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**

66. 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>
67. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, *Utility Accommodation Manual*, February 2009, available at <http://www.ct.gov/dot/lib/dot/documents/dutilities/ACCOMODATION.pdf>
68. 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**

69. STATE OF CONNECTICUT, OFFICE OF POLICY AND MANAGEMENT, *Conservation and Development Policies Plan for Connecticut 2013-2018*, June 5, 2013, available at [https://www.ct.gov/opm/lib/opm/igp/org/cdupdate/2013-2018\\_final\\_cd\\_plan\\_\(rev.\\_june\\_2017\).pdf](https://www.ct.gov/opm/lib/opm/igp/org/cdupdate/2013-2018_final_cd_plan_(rev._june_2017).pdf)
70. 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)

71. STATE OF CONNECTICUT, CONNECTICUT GREEN BANK, *Comprehensive Plan, Fiscal Year 2017 through Fiscal Year 2019*, available at [https://www.ctgreenbank.com/wp-content/uploads/2018/08/Comp-Plan\\_FY17-FY19\\_Final\\_072718.pdf](https://www.ctgreenbank.com/wp-content/uploads/2018/08/Comp-Plan_FY17-FY19_Final_072718.pdf)
72. 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>
73. 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)
74. 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)
75. 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)
76. 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)
77. 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)
78. *Red Hill Coalition, Inc. v. Town Plan & Zoning Comm.*, 212 Conn. 727 (1989).
79. *Paige v. Town Plan & Zoning Comm.*, 235 Conn. 448 (1995).
80. *FairwindCT, Inc. v. Connecticut Siting Council*, 313 Conn. 669 (2014).
81. *Corcoran v. Connecticut Siting Council*, 284 Conn. 455 (2007).

#### **TECHNICAL**

82. NATIONAL FIRE PROTECTION ASSOCIATION 70: *National Electrical Code*, 2017.
83. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *National Electrical Safety Code*, American National Standards Institute, Standard C2-2017, October 18, 2016.
84. 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>
85. 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>

86. 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\\_volum e2.pdf](https://www.ct.gov/csc/lib/csc/pendingproceeds/docket_474/1_application/474_2_ghccp_application_volum e2.pdf)

## **ENVIRONMENTAL**

87. 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>
88. 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>
89. 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)
90. 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>

## **MAPS**

91. 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>
92. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Natural Diversity Database Maps for the Towns of Brooklyn, Canterbury and Plainfield*, available at <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>
93. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Aquifer Protection Area Map for Towns of Brooklyn, Canterbury and Plainfield*, last updated August 26, 2019, available at <http://www.ct.gov/deep/cwp/view.asp?a=2685&q=322248>
94. 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 February 1, 2016, available at [http://www.ct.gov/deep/lib/deep/endangered\\_species/images/nleb\\_approved2\\_16.pdf](http://www.ct.gov/deep/lib/deep/endangered_species/images/nleb_approved2_16.pdf)
95. 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=a1bf59798c5b45a98aeae97dafd60b9>
96. CONNECTICUT FOREST & PARK ASSOCIATION, CONNECTICUT WALK BOOK 20<sup>TH</sup> ED. 2017, available at <http://www.ctwoodlands.org/connecticut-walk-book-20th-edition>
97. NATIONAL AUDUBON SOCIETY, *Connecticut Important Bird Areas*, available at <https://www.audubon.org/important-bird-areas/state/connecticut>

98. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *Connecticut Official State Tourism Map*.
99. MAIL-A-MAP STREET MAP, (Brooklyn, Canterbury, Plainfield), *available at* [http://mailamap.com/street\\_maps](http://mailamap.com/street_maps)
100. UNITED STATES GEOLOGICAL SURVEY, Connecticut Topographic Map Collection (Plainfield Quadrangle 1983 and Danielson Quadrangle 1970), *available at* [http://magic.lib.uconn.edu/topographic\\_maps.html](http://magic.lib.uconn.edu/topographic_maps.html)