



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: www.ct.gov/csc

Hearing Program
Petition No. 1313
Tuesday, September 12, 2017
3:00 p.m./6:30 p.m.
Eno Memorial Hall Auditorium
754 Hopmeadow Street, Simsbury, Connecticut

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

FEDERAL

1. NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, NATIONAL INSTITUTES OF HEALTH, *EMF, Electric and Magnetic Fields Associated with the Use of Electric Power*, June 2002, available at 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, available at 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 <http://www.nps.gov/history/nr/research/index.htm>

7. NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION, NERC Reliability Standards, *available at* <http://www.nerc.com/pa/Stand/Pages/default.aspx>
8. 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>
9. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure*, April 2015, *available at* <http://energy.gov/epsa/downloads/quadrennial-energy-review-full-report>
10. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review Second Installment: Transforming the Nation's Electricity System*, January 2017, *available at* <https://energy.gov/epsa/downloads/quadrennial-energy-review-second-installment>
11. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2017*, January 5, 2017, *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* http://www.epa.gov/renewableenergyland/docs/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* http://www.epa.gov/renewableenergyland/docs/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.nal.usda.gov/afsic/solar-energy>
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
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
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

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>

REGIONAL

20. ISO-NEW ENGLAND, INC., *Power Generation and Fuel Diversity in New England*, August 25, 2005, available at http://www.iso-ne.com/pubs/whtpprs/iso_ne_paper.pdf
21. ISO-NEW ENGLAND, INC., *Electricity Costs White Paper*, June 1, 2006, available at http://www.iso-ne.com/pubs/whtpprs/elec_costs_wht_ppr.pdf
22. ISO-NEW ENGLAND, *2014 Regional System Plan*, November 6, 2014, available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
23. ISO-NEW ENGLAND, INC., *2015 Regional System Plan*, November 5, 2015, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
24. ISO-NEW ENGLAND, INC., *2017 Regional System Plan Project List*, updated June 27, 2017, available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
25. ISO-NEW ENGLAND, INC., *2015-2024 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2015, available at http://www.iso-ne.com/static-assets/documents/2015/05/2015_celt_report.pdf
26. ISO-NEW ENGLAND, INC., *2016-2025 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2016, available at <http://www.iso-ne.com/system-planning/system-plans-studies/celt>
27. ISO-NEW ENGLAND, INC., *2017-2026 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2017, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
28. ISO-NEW ENGLAND, INC., *2016 Regional Electricity Outlook*, January 2016, available at https://www.iso-ne.com/static-assets/documents/2016/03/2016_reo.pdf
29. ISO-NEW ENGLAND, INC., *2017 Regional Electricity Outlook*, January 2017, available at https://www.iso-ne.com/static-assets/documents/2017/02/2017_reo.pdf
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
31. ISO-NEW ENGLAND, INC., *Finalized Capacity Auction Results Confirm 10th FCA Procured Sufficient Resources, at a Lower Price, for 2019-2020*, February 29, 2016, available at https://www.iso-ne.com/static-assets/documents/2016/02/20160229_fca10_finalresults.pdf

32. 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
33. ISO-NEW ENGLAND, INC., *ISO New England's Internal Market Monitor 2015 Annual Markets Report*, May 25, 2016, available at https://www.iso-ne.com/static-assets/documents/2016/05/2015_imm_amr_final_5_25_2016.pdf
34. ISO-NEW ENGLAND, INC., *2017 State of the Grid: 2017, Presentation by Gordon van Welie*, January 30, 2017, available at https://www.iso-ne.com/static-assets/documents/2017/01/20170130_stateofgrid2017_presentation_pr.pdf
35. ISO-NEW ENGLAND, INC., *Final 2017 PV Forecast*, May 1, 2017, available at https://www.iso-ne.com/static-assets/documents/2017/05/2017_solar_forecast_details_final.pdf
36. ISO-NEW ENGLAND, INC., *Interconnection Request Queue*, updated July 17, 2017, available at <https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue>
37. NEW ENGLAND TRI-STATE CLEAN ENERGY RFP: CONNECTICUT, MASSACHUSETTS AND RHODE ISLAND, November 12, 2015, available at <https://cleanenergyrfp.com/>
38. ISO-NEW ENGLAND, INC., *Press Release Auction Acquires Power System Resources Needed for 2020-2021 at a Lower Price*, February 9, 2017, available at https://www.iso-ne.com/static-assets/documents/2017/02/20170209_FCA11_initial_pr.pdf
39. ISO-NEW ENGLAND, INC., *FCA Results Filing in FERC Docket No. ER17-1073-000*, February 28, 2017, available at https://www.iso-ne.com/static-assets/documents/2017/02/fca_11_results.pdf
40. NEW ENGLAND STATES COMMITTEE ON ELECTRICITY, *Mechanisms to Support Public Policy Resources in the New England States*, December 18, 2015, available at http://nescoe.com/wp-content/uploads/2015/12/PublicPolicyMechanisms_December2015.pdf
41. MASSACHUSETTS RENEWABLE ENERGY PORTFOLIO STANDARD, available at <http://www.mass.gov/eea/energy-utilities-clean-tech/renewable-energy/rps-aps/rps-and-aps-statutes-and-regulations.html>
42. RHODE ISLAND RENEWABLE ENERGY STANDARD, available at <http://www.ripuc.org/utilityinfo/res.html>
43. NEW ENGLAND GOVERNORS' COMMITMENT TO REGIONAL COOPERATION ON ENERGY INFRASTRUCTURE ISSUES, December 5, 2013, available at http://nescoe.com/uploads/New_England_Governors_Statement-Energy_12-5-13_final.pdf
44. NEW ENGLAND GOVERNORS' STATEMENT ON REGIONAL COOPERATION FOR ENERGY INFRASTRUCTURE, April 23, 2015, available at <http://www.portal.ct.gov/en/Office-of-the-Governor/Press-Room/Press-Releases/2015/04-2015/New-England-Governors39-Statement-on-Regional-Cooperation-for-Energy-Infrastructure>

Petition No. 1313
Hearing Program
September 12, 2017
Pg. 5

45. NEW ENGLAND STATES COMMITTEE ON ELECTRICITY, *Governors' Actions for a Cleaner, More Reliable and More Affordable Energy Future*, April 23, 2015, available at <http://nescoc.com/resource-center/govs-actions-apr2015/>

46. STATE OF VERMONT, PUBLIC SERVICE BOARD, Docket No. 8685, Petition of Coolidge Solar I, LLC for a certificate of public good, pursuant to 30 V.S.A. §248, authorizing installation and operation of a 20 MW solar electric generation facility to be located in Ludlow and Cavendish, Vermont, known as the “Coolidge Solar Project,” March 23, 2017, *available at* <http://epsb.vermont.gov/?q=node/104/16365>

STATE

Connecticut Siting Council

47. CONNECTICUT SITING COUNCIL, *Electric and Magnetic Field Best Management Practices for the Construction of Electric Transmission Lines in Connecticut*, December 14, 2007, revised February 20, 2014, *available at* <http://www.ct.gov/csc/emf-bmp>
48. 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
49. 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
50. 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
51. 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>
52. 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>
53. **PETITION NO. 1042** – Somers Solar Center, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction and operation of a 5.0 MW AC Solar Photovoltaic Project located at 458 & 488 South Road, Somers, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=513338>
54. **PETITION NO. 1056** - GRE 314 East Lyme, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction and operation of a 5.0 MW Solar Photovoltaic Renewable Energy Generating Project located on Grassy Hill Road and Walnut Hill Road, East Lyme, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=517566>

55. **PETITION NO. 1178** – DESRI CT Fusion Acquisition, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, operation and maintenance of a ground-mounted 20 megawatt solar photovoltaic electric generating facility located on Potash Hill Road, Sprague, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&Q=568946&PM=1>
56. **PETITION NO. 1220** -Windham Solar LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance and operation of three 2.0 Megawatt and one 1.0 Megawatt Solar Photovoltaic Electric Generating facilities located at 1219 and 1240 Voluntown Road, Griswold, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=578334>
57. **PETITION NO. 1221** - Windham 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 two 1.0 Megawatt and one 1.5 Megawatt Solar Photovoltaic Electric Generating facilities located at 91 Plainfield Pike Road, Plainfield, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=578336>.
58. **PETITION NO. 1222** - Windham 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 three 2.0 Megawatt and four 1.0 Megawatt Solar Photovoltaic Electric Generating facilities located southeast of Hartford Turnpike and south of Fisk Road, Hampton, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=578394>.
59. **PETITION NO. 1224** - Woods Hill Solar, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance and operation of a 17.61 Megawatt AC Solar Photovoltaic Electric Generating facility located at 90 and 101 Woods Hill Road, Pomfret, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&q=578712>
60. **PETITION NO. 1247** – C-TEC Solar, LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance, and operation of a 3.75 MW solar photovoltaic electric generating facility located at 65 Thompson Road, Thompson, Connecticut. Record and Final Decision, *available at* <http://www.ct.gov/csc/cwp/view.asp?a=2397&Q=582976&PM=1>

Department of Energy and Environmental Protection

61. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, *Connecticut Guidelines for Soil Erosion and Sediment Control, DEP Bulletin 34*, May 2002, last revised September 2007, *available at* http://www.ct.gov/dep/cwp/view.asp?a=2720&q=325660&depNav_GID=1654
62. 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

63. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Amphibians and Reptiles in Connecticut*, DEP Bulletin 32, Michael W. Klemens, 2000, available at <http://www.ctdeepstore.com/Amphibians-and-Reptiles-in-Connecticut-101.htm?categoryId=-1>
64. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Water Quality Standards*, Effective October 10, 2013, Regulations of Connecticut State Agencies §§ 22a-426-1, et seq.
http://www.ct.gov/dep/lib/dep/water/water_quality_standards/wqs.pdf
65. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Air Quality Standards*, Effective April 15, 2014, Regulations of Connecticut State Agencies §§ 22a-174-24, et seq., available at <http://www.ct.gov/deep/lib/deep/air/regulations/mainregs/sec24.pdf>
66. 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 <http://www.ct.gov/deep/lib/deep/regulations/22a/22a-69-1through7.pdf>
67. 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
68. 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/$FILE/2012%20Integrated%20Resource%20Plan.pdf)
69. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2014 Integrated Resource Plan for Connecticut*, March 17, 2015, AVAILABLE AT <http://www.dpuc.state.ct.us/deepenergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/8e95d81c37c7237085257e0b004770b2?opendocument>
70. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF NATURAL RESOURCES, *Connecticut's Endangered, Threatened and Special Concern Species 2015*, August 2015, available at http://www.ct.gov/deep/lib/deep/wildlife/pdf_files/nongame/ETS15.pdf
71. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF NATURAL RESOURCES, *Connecticut's Wildlife Action Plan*, 2015 Revision, available at http://www.ct.gov/deep/cwp/view.asp?a=2723&q=329520&deepNav_GID=1719#Review
72. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF ENERGY AND TECHNOLOGY POLICY, *2-20 MW Renewable, Demand Response and Energy Storage Procurement*, August 31, 2015, available at [http://www.dpuc.state.ct.us/DEEPEnergy.nsf/c6c6d525f7cdd1168525797d0047c5bf/67b2877d014a6f2a85257eb200467127/\\$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)

73. STATE OF CONNECTICUT , DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Governor's Council on Climate Change, GC3 Analysis, Data, and Metrics Meeting Presentation*, July 26, 2016, available at http://www.ct.gov/deep/lib/deep/climatechange/gc3_adm_group/adm_meeting_7_26_2016.pdf

Department of Public Health

74. STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC HEALTH, *Electric and Magnetic Fields (EMF): Health Concerns Fact Sheet*, April 2008, available at http://www.ct.gov/dph/lib/dph/environmental_health/eoha/pdf/emf_fact_sheet_-_2008.pdf

Department of Transportation

75. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, *ConnDOT Drainage Manual*, 2000, last revised December 2003, available at <http://www.ct.gov/dot/cwp/view.asp?a=3200&q=260116>
76. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, *Utility Accommodation Manual*, February 2009, available at <http://www.ct.gov/dot/lib/dot/documents/dutilities/ACCOMODATION.pdf>
77. 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

78. STATE OF CONNECTICUT, OFFICE OF POLICY AND MANAGEMENT, *Conservation and Development Policies Plan for Connecticut 2013-2018*, June 5, 2013, available at http://www.ct.gov/opm/lib/opm/igp/org/cdupdate/2013-2018_cd_plan.pdf
79. 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
80. STATE OF CONNECTICUT, CONNECTICUT GREEN BANK, *Comprehensive Plan, Fiscal Year 2017 through Fiscal Year 2018*, available at <http://www.ctgreenbank.com/wp-content/uploads/2016/07/CTGreenBank-Comprehensive-Plan-Fiscal-Years-2017-2018.pdf>
81. STATE OF CONNECTICUT, DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION, DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY, *State of Connecticut State Response Framework, Version 2.0*, August 2011, available at http://www.ct.gov/demhs/lib/demhs/ct_srf_aug_2011.pdf
82. STATE OF CONNECTICUT, DEPARTMENT OF EMERGENCY SERVICES AND PUBLIC PROTECTION, DIVISION OF EMERGENCY MANAGEMENT AND HOMELAND SECURITY, *State of Connecticut State Response Framework, Draft Connecticut Emergency Support Function 12, All Hazards Energy and Utilities Annex*, July 2012, available at http://www.ct.gov/demhs/lib/demhs/eppi/esf_12_all-hazards_energy_and_utilities_annex_final_draft_july_2012.pdf

83. 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
84. 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
85. 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
86. 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
87. 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
88. STATE OF CONNECTICUT, COUNCIL ON ENVIRONMENTAL QUALITY, *Environmental Quality in Connecticut*, June 21, 2017, available at http://www.ct.gov/ceq/lib/ceq/Environmental_Quality_in_Connecticut_for_2016_%28Updated_June_2017%29.pdf
89. UNIVERSITY OF CONNECTICUT, *Economic Impacts of Connecticut's Agricultural Industry*, September 2010, available at https://webshare.business.uconn.edu/ccea/studies/Ag-Economic-Impacts_2010sept-final.pdf
90. GOVERNOR'S COUNCIL FOR AGRICULTURAL DEVELOPMENT, *Grow Connecticut Farms: Developing, Diversifying, and Promoting Agriculture*, December 2012, available at http://www.ct.gov/doag/lib/doag/boards_commissions_councils/gcf/grow_ct_farms_3_6_2013_low.pdf
91. *Red Hill Coalition, Inc. v. Town Plan & Zoning Comm.*, 212 Conn. 727 (1989).
92. *Paige v. Town Plan & Zoning Comm.*, 235 Conn. 448 (1995).
93. *FairwindCT, Inc. v. Connecticut Siting Council*, 313 Conn. 669 (2014).
94. *Corcoran v. Connecticut Siting Council*, 284 Conn. 455 (2007).

TECHNICAL

95. NATIONAL FIRE PROTECTION ASSOCIATION, *NFPA National Electric Code 2017 Edition*, August 23, 2016 available at <http://www.nfpa.org/nec>
96. NATIONAL FIRE PROTECTION ASSOCIATION, *Article 691 (Large-Scale Photovoltaic (PV) Electric Supply Stations) in the 2017 NEC: National Electrical Code* available at <http://www.nfpa.org/nec>

97. 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>
98. INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, *National Electrical Safety Code*, American National Standards Institute, Standard C2-2017, October 18, 2016.
99. EXPONENT, INC., *EMF and Health: Review and Update of the Scientific Research*, January 28, 2009, available at <http://transmission.bchydro.com/NR/rdonlyres/DEF09171-908A-48DF-A9DA-F28676D239FD/0/Exponent2009EMFUpdate0209.pdf>
100. EXPONENT, INC., *Current Status of Research on Extremely Low Frequency Electric and Magnetic Fields and Health: Interstate Reliability Project*, January 10, 2011, available at http://www.ct.gov/csc/lib/csc/pendingproceeds/docket_424/424_application/v1interstate_csc_application_v1.pdf (Appendix D EMF Health Report)
101. ACADIA CENTER, *Distributed Solar in the Draft CT Comprehensive Energy Strategy, Proposals Risk Stalling Deployment at Crucial Moment*, August 3, 2017, available at <http://acadiacenter.org/wp-content/uploads/2017/08/Acadia-Center-Distributed-Solar-in-Draft-CT-CES.pdf>
102. UNION OF CONCERNED SCIENTISTS, *Up with the Sun: Solar Energy and Agriculture*, 2003, available at <http://www.ucsusa.org/clean-energy/increase-renewable-energy/solar-energy-agriculture#.WaRg3U0zWpo>

ENVIRONMENTAL

103. 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>
104. ARAM J.K. CALHOUN & MICHAEL W. KLEMENS, *Best Development Practices: Conserving Pool-Breeding Amphibians in Residential and Commercial Developments in the Northeastern United States*, MCA Technical Paper No. 5, Metropolitan Conservation Alliance 2002, available at <http://www.umaine.edu/vernalpools/PDFs/Best%20Development%20Practices%20-%20-%20Conserving%20Pool-breeding%20Amph.pdf>
105. ARAM J.K. CALHOUN, ET. AL., *Conserving pool-breeding amphibians in human-dominated landscapes through local implementation of Best Development Practices*, *Wetlands Ecology and Management*, July 9, 2004 at 291, available at <http://www.environmental-expert.com/Files/0/articles/9373/Conservingpool-breeding.pdf>
106. 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)
107. 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

108. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Natural Diversity Database Map for the Towns of Simsbury and Granby*, available at <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>
 109. STATE OF CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Aquifer Protection Area Map for the State of Connecticut*, last updated February 2017, available at <http://www.ct.gov/deep/cwp/view.asp?a=2685&q=322248>
 110. 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=a1bf59798c5b45a98aeaeb97dafd60b9>
 111. CONNECTICUT FOREST & PARK ASSOCIATION, CONNECTICUT WALK BOOK 20TH ED. 2017, available at <http://www.ctwoodlands.org/connecticut-walk-book-20th-edition>
 112. NATIONAL AUDUBON SOCIETY, *Connecticut Important Bird Areas*, available at <http://ct.audubon.org/important-bird-areas-11>
 113. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, *Connecticut Official State Tourism Map*.
 114. MAIL-A-MAP STREET MAP, Simsbury and Granby, available at http://mailamap.com/street_maps
 115. UNITED STATES GEOLOGICAL SURVEY, Connecticut Topographic Map Collection, available at http://magic.lib.uconn.edu/topographic_maps.html
 116. 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*, February 1, 2016, available at http://www.ct.gov/deep/lib/deep/endangered_species/images/nleb_approved2_16.pdf
- E. State Agency comments
1. Department of Transportation, dated August 28, 2017
 2. Council on Environmental Quality, dated August 29, 2017
-

II. Appearance by Petitioner

Petitioner: DWW Solar II, LLC
Representative: Lee D. Hoffman, Esq.
Pullman & Comley, LLC

A. Administrative Notice.

1. TOWN OF SIMSBURY, *2007 Adopted Plan of Conservation and Development*, effective November 3, 2007, *available at* <https://www.simsbury-ct.gov/planning-and-land-use-department/pages/plan-of-conservation-and-development-effective-1132007>
2. TOWN OF SIMSBURY, July 2017 Proposed Plan of Conservation and Development (draft – pending adoption), *available at* https://www.simsbury-ct.gov/sites/simsburyct/files/uploads/proposed_pocd_071217_blackline_rfs.pdf

B. Exhibits for Identification.

1. Petition for a Declaratory Ruling filed by DWW Solar II, LLC, received June 29, 2017, and attachments.
2. DWW Solar II, LLC's Responses to Council Interrogatories, Set I, dated August 28, 2017
3. DWW Solar II, LLC's Proposed Field Review Driving Route, dated September 1, 2017
4. DWW Solar II, LLC's Aerial Drone Video Footage of Proposed Site, dated September 1, 2017
5. DWW Solar II, LLC's Responses to the Town of Simsbury Interrogatories, Set I, dated September 5, 2017
6. DWW Solar II, LLC's Responses to the Department of Agriculture's Interrogatories, Set I, dated September 5, 2017
7. DWW Solar II, LLC's Sign Posting Correspondence with photographs, dated September 5, 2017

C. Swear Witnesses

1. Claude Cote
2. Jeffrey Grybowski, Deepwater Wind
3. Aileen Kenney, Deepwater Wind
4. Shawn Markham, Soltek, LLC
5. Susan Moberg, Vanasse Hangen Brustlin, Inc.
6. Gordon Perkins, Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services (EDR)
7. Jeffrey Peterson, Vanasse Hangen Brustlin, Inc.
8. Paul Vitaliano PE, Vanasse Hangen Brustlin, Inc.

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

E. Cross Examination.

1. Council
2. Department of Energy and Environmental Protection (DEEP)
3. Department of Agriculture (DOAg)
4. Abutting Property Owners, Flammini et al.
5. Town of Simsbury

III. Appearance by Party: Department of Energy and Environmental Protection (DEEP)

Representative: Kirsten S.P. Rigney, Esq.
Bureau of Energy Technology Policy
DEEP

A. Administrative Notice.

1.

B. Exhibits for Identification.

1. Department of Energy and Environmental Protection's Notice of Intent to Be a Party, dated August 1, 2017
2. Comments from the Department of Energy and Environmental Protection, dated September 11, 2017

C. Swear Witness

1.

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

E. Cross Examination.

1. Council
2. Petitioner
3. DOAg
4. Abutting Property Owners, Flammini et al.
5. Town of Simsbury

IV. Appearance by Party: Connecticut Department of Agriculture (DOAg)

Representative: Jason Bowsza

A. Administrative Notice.

FEDERAL

1. UNITED STATES DEPARTMENT OF AGRICULTURE, *Natural Resources Conservation Service, Conservation Practice Standard Code 544, Land Reclamation, Currently Mined Land*, available at: <https://efotg.sc.egov.usda.gov/references/public/CO/CO544.pdf>
2. UNITED STATES DEPARTMENT OF THE INTERIOR, *Mine Land Reclamation Standards for Prime Farmland*, available at <https://www.osmre.gov/programs/tdt/primeFarmland.shtm>
3. UNITED STATE 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

4. UNITED STATE DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, *National Soil Survey Handbook*, Title 430-VI, available at http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ref/?cid=nrcs142p2_054242
5. UNITED STATES DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, *Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin, Ag Handbook 296*, 2006, available at https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/survey/geo/?cid=nrcs142ps_053624#handbook
6. UNITED STATES DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, *The Field Book for Describing and Sampling Soils*, Version 3.0, Schoeneberger, Wysocki, Benham, and Soil Survey Staff, 2012, available at https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/research/guide/?cid=nrcs142p2_054184
7. UNITED STATE DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, Soil Survey Staff 2014, *Keys to Soil Taxonomy*, 12th ed. USDA-Natural Resources Conservation Service, Washington, DC, available at https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/survey/class/taxonomy/?cid=nrcs142p2_053580
8. UNITED STATES DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, *Farmland Protection Policy Act (FPPA)*, available at <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>
9. UNITED STATES DEPARTMENT OF AGRICULTURE, Natural Resources Conservation Service, *National Resources Inventory*, available at <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/technical/nra/nri/>
10. UNITED STATES DEPARTMENT OF AGRICULTURE, NASS, *2012 Census of Agriculture*, 2014, available at <https://www.nass.usda.gov/>
11. UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, *Wording of Instruments for Financial Assurance for Hazardous Waste Facilities*, 40 Code of Federal Regulations § 264.151

STATE

12. CONNECTICUT COUNCIL ON ENVIRONMENTAL QUALITY, *Environmental Quality in Connecticut – the state’s annual report on the condition of our air, water, land and wildlife through 2016*, June 21, 2017, available at <http://www.ct.gov/ceq/cwp/view.asp?a=986&Q=477460>
13. CONNECTICUT COUNCIL ON ENVIRONMENTAL QUALITY, *Energy Sprawl in Connecticut*, February 3, 2017, available at <http://www.ct.gov/ceq/cwp/view.asp?a=986&q=248850#Special>
14. CONNECTICUT DEPARTMENT OF AGRICULTURE, *Grow Connecticut Farms: Governor’s Council for Agriculture Development*, December 2014 Update, available at www.ct.gov/doag/cwp/view.asp?a=3260&q=399110
15. UNIVERSITY OF CONNECTICUT, Center of Land Use Education and Research, *Connecticut’s Changing Landscapes, Agricultural Fields and Soil Analysis*, available at <http://clear.uconn.edu/research/index.htm>

OTHER

16. FARMLAND TRUST AND CONNECTICUT CONFERENCE OF MUNICIPALITIES, *Planning for Agriculture: A Guide for Connecticut Municipalities*, , 2016 Edition, available at <http://workinglandsalliance.org/resources/>

17. DONAHUE, BRIAN, ET AL., *A New England Food Vision*, Durham, NH: Food Solutions New England, University of New Hampshire, 2014, available at http://www.foodsolutionsne.org/sites/default/files./LowResNEPV_0.pdf
18. AMERICAN FARMLAND TRUST, CONSERVATION LAW FOUNDATION, NORTHEAST SUSTAINABLE AGRICULTURE WORKING GROUP, *New England Food Policy: Building a Sustainable Food System*, March 2014, available at <https://www.clf.org/publication/new-england-food-policy-building-sustainable-food-system/>
19. AMERICAN FARMLAND TRUST, *Farming on the Edge: Sprawling Development Threatens America's Best Farmland*, 1997, 2002, available at http://www.farmlandinfo.org/literature?field_literature_category_tid=3236&field_topic_tid=240&field_state_tid=3260
20. WORKING LANDS ALLIANCE, *Plowing Ahead: Farmland Preservation in 2010 and Beyond*, March 2010, available at <http://action.farmland.org/site/DocServer/PlowingAheadFarmlandPreservationin2010andBeyondWhitePap.pdf?docID=2784>

B. Exhibits for Identification.

1. Department of Agriculture's Notice of Intent to Be a Party, dated August 1, 2017
2. Department of Agriculture's Comments from Steven K. Reviczky, Commissioner, dated August 30, 2017
3. Department of Agriculture's Pre-filed Testimony of Kipen Kolesinskas, dated September 5, 2017

C. Swear Witness

1. Kipen Kolesinskas, Consulting Conservation Scientist

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

E. Cross Examination.

1. Council
2. Petitioner
3. DEEP
4. Abutting Property Owners, Flammini et al.
5. Town of Simsbury

V. Appearance by Party: Abutting Property Owners, Flammini et al.

Representatives: Alan M. Kosloff, Esq.
Alter Pearson, LLC

A. Administrative Notice.

B. Exhibits for Identification.

1. Abutting Property Owners, Flammini et al.'s Request for Party Status, dated August 28, 2017
2. Abutting Property Owners, Flammini et al.'s Pre-filed Testimony of George Logan with attachments, dated September 8, 2017
3. Abutting Property Owners, Flammini et al.'s, Pre-filed Testimony, dated September 11, 2017
 - a. Lis Shlansky, MD, MPH
 - b. Zhenkui Zhang
 - c. Ed and Carol F. Wrobel
 - d. Michael Flammini
 - e. Linda Lough
 - f. Robert Perissi

C. Swear Witnesses

1. Michael Flammini
2. Laura Nigro
3. Linda Lough
4. Lisabeth Shlansky, MD, MPH
5. Zhenkui Zhang
6. John Marktell
7. Rob Perissi
8. Ed Wrobel
9. George T. Logan

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

E. Cross Examination.

1. Council
2. Petitioner
3. DOAg
4. DEEP
5. Town of Simsbury

- VI. Appearance by Party: Town of Simsbury
- Representatives: Jesse A. Langer, Esq.
Robert M. DeCrescenzo, Esq.
Updike, Kelly & Spellacy, P.C.
- A. Administrative Notice.
- 1.
- B. Exhibits for Identification.
1. Town of Simsbury's Request for Party Status, dated July 6, 2017
 2. Town of Simsbury's Pre-filed Testimony with attachments, dated September 5, 2017
 - a. Lisa L. Heavner, First Selectwoman, Town of Simsbury
 - b. Marguerite Carnell, Vice Chair, Simsbury Historic District Commission
 - c. Robert J. Carr P.E., LEP, Zuvic, Carr and Associates, Inc.
 - d. Chad Frost, Kent + Frost, LLC
- C. Swear Witnesses
1. Lisa L. Heavner, First Selectwoman, Town of Simsbury
 2. Marguerite Carnell, Vice Chair, Simsbury Historic District Commission
 3. Robert J. Carr, P.E., LEP, Zuvic, Carr and Associates, Inc.
 4. Chad Frost, Kent + Frost, LLC
- D. Full Exhibits - Verification of exhibits by witnesses and admission by the Council.
- E. Cross Examination.
1. Council
 2. Petitioner
 3. DOAg
 4. DEEP
 5. Abutting Property Owners, Flammini et al.
- IV. Continuation by Connecticut Siting Council.