



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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Hearing Program

Petition No. 1609

Tuesday, July 23, 2024

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
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. 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>
4. Presidential Executive Order No. 13636, Improving Critical Infrastructure Cybersecurity, 78 Fed. Reg. 11739, February 19, 2013, available at <http://www.archives.gov/federal-register/executive-orders/2013.html>
5. United States Department of the Interior, National Park Service, *National Register of Historic Places*, last updated December 28, 2022, available at <https://www.nps.gov/subjects/nationalregister/index.htm>
6. 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 https://www.nerc.com/pa/rmm/ea/October%202011%20Northeast%20Snow%20Storm%20Event/NE_Outage_Report-05-31-12.pdf
7. 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>

8. United States Energy Information Administration, *Annual Energy Outlook 2023*, March 16, 2023, available at <https://www.eia.gov/outlooks/aeo/>
9. United States Energy Information Administration, *Levelized Cost and Levelized Avoided Cost of New Generation Resources in Annual Energy Outlook 2022*, March 2022, available at https://www.eia.gov/outlooks/aeo/pdf/electricity_generation.pdf
10. United States Fish and Wildlife Service, New England Field Office, *Addressing Northern Long-eared Bat*, available at <https://www.fws.gov/office/new-england-ecological-services/endangered-species-project-review#Step4>
11. 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
12. 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.nrel.gov/docs/fy13osti/52615.pdf>
13. United States Department of Agriculture, *Solar Energy Use in U.S. Agriculture Overview and Policy Issues*, April 2011, available at <https://www.ourenergypolicy.org/wp-content/uploads/2013/08/Solar.pdf>
14. United States Department of Agriculture, *Soil Survey Manual, Handbook No. 18*, March 2017 (Amended 2018), available at <https://www.nrcs.usda.gov/sites/default/files/2022-09/The-Soil-Survey-Manual.pdf>
15. United States Federal Aviation Administration, *Obstruction Marking and Lighting, Advisory Circular AC No. 70/7460-1M*, November 16, 2020, available at https://www.faa.gov/documentLibrary/media/Advisory_Circular/Advisory_Circular_70_7460_1M.pdf
16. United States Federal Aviation Administration, *Obstruction Evaluation Version 2023-Sep.3, Notice Criteria Tool*, available at <https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm>
17. 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/sites/faa.gov/files/airports/environmental/FAA-Airport-Solar-Guide-2018.pdf>
18. United States Federal Aviation Administration, *Review of Solar Energy System Projects on Federally-Obligated Airports*, May 11, 2021, available at <https://www.federalregister.gov/documents/2021/05/11/2021-09862/federal-aviation-administration-policy-review-of-solar-energy-system-projects-on-federally-obligated>

19. *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 (2nd Cir. 2015)

REGIONAL

20. 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
21. ISO-New England, Inc., *2023 Regional System Plan*, November 1, 2023, https://www.iso-ne.com/static-assets/documents/100005/20231114_rsp_final.pdf
22. ISO-New England, Inc., *Regional System Plan Project List*, March 2024, available at <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
23. ISO-New England, Inc., *2024-2033 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2024, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
24. ISO-New England, Inc., *ISO New England's Internal Market Monitor 2022 Annual Markets Report*, June 5, 2023, available at <https://www.iso-ne.com/static-assets/documents/2023/06/2022-annual-markets-report.pdf>
25. ISO-New England, Inc., *Final 2024 PV Forecast*, April 25, 2024, available at https://www.iso-ne.com/static-assets/documents/100010/2024_pv_forecast_final_updated.pdf
26. ISO-New England, Inc., *Interconnection Request Queue*, available at <https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue>
27. ISO-New England, Inc., *New England's Forward Capacity Auction Closes with Adequate Power System Resources for 2027/2028*, February 9, 2024, available at https://www.iso-ne.com/static-assets/documents/100008/20240209_pr_fca18_initial_results.pdf
28. ISO-New England, Inc., *FCA Results Filing in FERC Docket No. ER24-____-000*, February 21, 2024, available at https://www.iso-ne.com/static-assets/documents/100008/er24-____-000_fca_18_results_filing.pdf

STATE

Connecticut Siting Council

29. Connecticut Siting Council, Petition No. 754 - *Electric and Magnetic Field Best Management Practices for the Construction of Electric Transmission Lines in Connecticut*, December 14, 2007, revised December 30, 2022, available at https://portal.ct.gov/-/media/CSC/Publications/EMF-BMP-12-30--2022-update_final_s.pdf

30. Connecticut Siting Council, *2022 Review of the Ten-Year Forecast of Connecticut Electric Loads and Resources*, January 5, 2023, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/Forecast2022/F2022-finalreportwithattachments_s.pdf
31. Connecticut Siting Council, *White Paper on the Security of Siting Energy Facilities*, October 8, 2009, available at https://portal.ct.gov/-/media/CSC/Dockets-and-Other-Pending-Proceedings/Dockets300-400/docket_346/whitepprFINALpdf.pdf
32. Connecticut Siting Council, *2022 Analysis of Life-Cycle Costs of Electric Transmission Lines*, January 5, 2023, available at https://portal.ct.gov/-/media/CSC/1_Dockets-medialibrary/LifeCycle/2022LifeCycle/Lifecycle2022finalmemoandreport_s.pdf
33. Connecticut Siting Council, Petition No. 1424 - DG Connecticut Solar III, LLC Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 4.725-megawatt AC solar photovoltaic electric generating facility located at 1012 East Street, Southington, Connecticut, and associated electrical interconnection. Record and Final Decision, available at https://portal.ct.gov/csc/3_petitions/petition-nos-1421-1430/petition-no-1424-southington-solar-one-llc
34. Connecticut Siting Council, Petition No. 1589 - USS Somers Solar, LLC petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 3.0-megawatt AC solar photovoltaic electric generating facility located at 360 Somers Road, Ellington, Connecticut, and associated electrical interconnection. July 30, 2021 State Historic Preservation Office correspondence related to Area of Potential Effect, available at https://portal.ct.gov/-/media/CSC/3_Petitions-medialibrary/Petitions_MediaLibrary/MediaPetitionNos1501-1600/PE1589/PetitionerSubmissions/Appendix-B---Environmental-Assessment.pdf
35. Connecticut Siting Council, Petition No. 1558 – Community Power Group LLC Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 4-megawatt AC solar photovoltaic electric generating facility located at 24 Middle Road, Ellington, Connecticut, and associated electrical interconnection. Record and Final Decision, available at https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1501-1600/PE1558
36. Connecticut Siting Council, Petition No. 1572 – East Windsor Solar Two, LLC Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 4.0-megawatt AC solar photovoltaic electric generating facility located at 31 Thrall Road, East Windsor, Connecticut, and associated electrical interconnection. Record and Final Decision, available at https://portal.ct.gov/CSC/3_Petitions/Petition-Nos-1501-1600/PE1572

37. Connecticut Siting Council, Petition No. 1602 - Glastonbury Solar One, LLC and VCP, LLC d/b/a Verogy, LLC Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the construction, maintenance and operation of a 3.0-megawatt AC solar photovoltaic electric generating facility located at 17 Wickham Road, Glastonbury, Connecticut, and associated electrical interconnection. January 26, 2024, Department of Energy and Environmental Protection Office of Environmental Review & Strategic Initiatives correspondence related to the classification of solar as industrial for the purposes of noise emissions, *available at* https://portal.ct.gov/-/media/csc/3_petitions-medialibrary/petitions_medialibrary/mediapetitionnos1601-1700/pe1602/stateagencycomments/pe1602_deep-commentsrecd_a.pdf

Department of Energy and Environmental Protection

38. Department of Energy and Environmental Protection, Connecticut Council on Soil and Water Conservation, *Connecticut Guidelines for Soil Erosion and Sediment Control*, effective date March 30, 2024, *available at* [https://portal.ct.gov/DEEP/Water/Soil-Erosion-and-Sediment-Control](https://portal.ct.gov/DEEP/Water/Soil-Erosion-and-Sediment-Control-Guidelines/Guidelines-for-Soil-Erosion-and-Sediment-Control) https://portal.ct.gov/-/media/DEEP/water/water_quality_management/Guidance/SESCG_CleanFinal.pdf
39. Department of Energy and Environmental Protection, *Connecticut Stormwater Quality Manual*, effective date March 30, 2024, *available at* https://portal.ct.gov/-/media/DEEP/water/water_quality_management/Guidance/SWM_Feb_2024.pdf
40. 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://portal.ct.gov/-/media/deep/water/water_quality_standards/wqsfinaladopted22511pdf.pdf
41. 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/Title_22aSubtitle_22a-174/
42. 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/getDocument?guid=%7b60A3E155-0600-CEB3-8088-B39D9CA5974D%7d>
43. Department of Energy and Environmental Protection, Bureau of Energy and Technology Policy, *2018 Comprehensive Energy Strategy for Connecticut*, February 8, 2018, *available at* <https://portal.ct.gov/-/media/DEEP/energy/CES/2018ComprehensiveEnergyStrategy.pdf>

44. Department of Energy and Environmental Protection, *2020 Integrated Resource Plan for Connecticut*, October 2021, available at <https://portal.ct.gov/DEEP/Energy/Integrated-Resource-Planning/Integrated-Resource-Planning>
45. Department of Energy and Environmental Protection, Bureau of Natural Resources, *Connecticut's Endangered, Threatened and Special Concern Species 2015*, August 2015, available at https://portal.ct.gov/-/media/DEEP/wildlife/pdf_files/nongame/ETS15pdf.pdf
46. 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
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48. 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>
49. Department of Energy and Environmental Protection, Stormwater Program, Stormwater Construction Filings, available at <https://filings.deep.ct.gov/DEEPPortal/PublicSearch/SWC>
50. Department of Energy and Environmental Protection, Stormwater Program, *General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities*, available at https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Water_Discharge_General_Permits/stormconstgppdf.pdf
51. Department of Energy and Environmental Protection, *Coldwater Habitat Interactive Map*, available at <https://ctdeepwatermonitoring.github.io/ColdWaterHab/>

Department of Public Health

52. Department of Public Health, *Electric and Magnetic Fields (EMF): Health Concerns Fact Sheet*, revised April 2008, available at https://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental_health/eoha/pdf/EMFFactSheet2008pdf.pdf?la=en

Department of Transportation

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54. Department of Transportation, *Utility Accommodation Manual*, February 2009, available at <https://portal.ct.gov/-/media/DOT/documents/dutilities/ACCOMODATIONpdf.pdf>
55. Department of Transportation Bureau of Engineering and Highway Operations, *Public Service Facility Policy and Procedures for Highways in Connecticut*, November 2008, available at <https://portal.ct.gov/-/media/DOT/documents/dutilities/UtilityPolicyProcedures.pdf>

Other State Agencies

56. 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/ORG/Conservation-and-Development-Policies-Plan/Conservation-and-Development-Policies-Plan>
57. 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
58. 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
59. Department of Emergency Services and Public Protection, Division of Emergency management and Homeland Security, *State of Connecticut State Response Framework, Version 4.2*, July 2019, available at https://portal.ct.gov/-/media/DEMHS/_docs/Plans-and-Publications/EHSP0025-SRFV41pdf.pdf
60. Governor's Steering Committee on Climate Change, Adaptation Subcommittee, *Connecticut Climate Change Preparedness Plan, Adaptation Strategies for Agriculture, Infrastructure, Natural Resources and Public Health Climate Change Vulnerabilities*, 2011, available at <https://portal.ct.gov/-/media/DEEP/climatechange/ConnecticutClimatePreparednessPlan2011pdf.pdf>
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62. Public Utilities Regulatory Authority, *Connecticut Public Utilities Cybersecurity Action Plan*, April 6, 2016, available at <https://portal.ct.gov/-/media/DAS/BEST/Security-Services/Connecticut-Public-Utilities-Cybersecurity-Action-Plan-April-6-2016.pdf?la=en&hash=F56F0A9CA2B0FDDDA081E2B7113666D7>
63. Public Utilities Regulatory Authority, *2022 Connecticut Public Utility Annual Cybersecurity Report*, March 31, 2023 available at <https://portal.ct.gov/-/media/PURA/electric/2022-Connecticut-Public-Utility-Annual-Cybersecurity-Report.pdf>
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<https://portal.ct.gov/pura/electric/office-of-technical-and-regulatory-analysis/clean-energy-programs/non-residential-renewable-energy-solutions-program>

65. State Vegetation Management Task Force, *Final Report Issued to the Connecticut Department of Energy and Environmental Protection*, August 28, 2012, available at https://portal.ct.gov/-/media/DEEP/forestry/VMTF/Final_Report/SVMTFFinalReportpdf.pdf
66. *Manor Development Corp. v. Conservation Comm. of Simsbury*, 180 Conn. 692, 701 (1980).
67. *Grimes v. Conservation Comm. of Litchfield*, 243 Conn. 266, 278 (1997).
68. *FairwindCT, Inc. v. Connecticut Siting Council*, 313 Conn. 669 (2014).
69. *Connecticut Energy Marketers Association v. Dept. of Energy and Environmental Protection*, 324 Conn. 362 (2016).
70. *Corcoran v. Connecticut Siting Council*, 284 Conn. 455 (2007).

TECHNICAL

71. Institute of Electrical and Electronics Engineers, *National Electrical Safety Code*, American National Standards Institute, Standard C2-2023, February 1, 2023.
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76. Electric Power Research Institute, *Electric and Magnetic Field Exposure Levels (0 to 3 GHz) in Occupational Environments near Photovoltaic Energy Generation Facilities*, November 2012, available at <https://www.epri.com/research/products/1023797>
77. 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

78. Richard M. DeGraaf & Deborah D. Rudis, *New England Wildlife: Habitat, Natural History, and Distribution*, University of Massachusetts Press, 1983, available at https://www.fs.usda.gov/nrs/pubs/gtr/gtr_ne108.pdf
79. 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>
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81. United States Army Corps of Engineers, *Regional Supplement to the Corps of Engineers Wetland Delineation Manual, Northcentral and Northeast Region*, January 2012, available at: <https://www.mvp.usace.army.mil/Portals/57/docs/regulatory/Website%20Organization/Northcentral%20and%20Northeast%20Regional%20Supplement.pdf>
82. United States Army Corps of Engineers, *Regional Permits for the State of Connecticut*, Effective Date December 15, 2021, Expiration Date December 15, 2026, available at: https://portal.ct.gov/-/media/DEEP/Permits_and_Licenses/Land_Use_Permits/LWRD/USACEctGeneralPermit2021.pdf

MAPS

83. 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>
84. Connecticut Department of Energy and Environmental Protection, *Natural Diversity Database Map for the Town of Manchester*, December 2023 available at <http://www.depdata.ct.gov/naturalresources/endangeredspecies/nddbpdfs.asp>
85. Connecticut Department of Energy and Environmental Protection, *Aquifer Protection Area Maps*, last updated December 23, 2021, available at <http://www.ct.gov/deep/cwp/view.asp?a=2685&q=322248>
86. Connecticut Department of Energy and Environmental Protection, *Connecticut Northern Long-eared bat Observations by Town*, last updated July 24, 2023, available at <https://portal.ct.gov/-/media/deep/nddb/nolongearedbat-map.pdf>
87. Connecticut Department of Energy and Environmental Protection, *Connecticut Critical Habitats Interactive Map*, available at <https://ct-deep-gis-open-data-website-ctdeep.hub.arcgis.com/datasets/critical-habitats/explore?location=41.654537%2C-72.831884%2C16.73>

88. 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>
89. National Audubon Society, *Connecticut Important Bird Areas Interactive Map*, available at https://gis.audubon.org/portal/apps/sites/?_gl=1*jvotz7*_ga*MjEzOTE0NjgxNi4xNjcxMTM0NzA4*_ga_X2XNL2MWTT*MTY4MTI0NTQ2NC4zLjEuMTY4MTI0NTU0MS41My4wLjA.#/nas-hub-site/pages/data-review
90. Connecticut Department of Transportation - Connecticut Official State Maps, available at https://portal.ct.gov/DOT/PP_Bureau/Documents/Maps
91. Mail-A-Map Street Map, Manchester, available at http://mailamap.com/street_maps
92. United States Geological Survey, National Map Viewer, available at <https://apps.nationalmap.gov/viewer/>
93. Connecticut Department of Energy and Environmental Protection, State Park and Forests Interactive Map, available at <https://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=950da678b13b458ba4cbe5687e902c19&deepNav=%7C>
94. Connecticut Department of Energy and Environmental Protection, 2022 Forest Action Plan Priority Areas Map, available at <https://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=d4d74b090d8047ca80bb4b9ff6baa819>

C. State Agency comments

1. Council on Environmental Quality Comments, dated March 1, 2024

D. Municipal comments

1. Town of Bolton Request for Public Hearing, dated March 6, 2024
2. Town of Bolton Comments, April 24, 2024
3. Town of Manchester Board of Directors Comments, May 2, 2024

E. Public Official comments

1. State Representative Jason Doucette, dated March 1, 2024
 2. State Representative Steve Weir Comments, dated March 6, 2024
 3. Manchester Legislative Delegation, dated March 11, 2024
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II. Appearance by Petitioner: TRITEC Americas, LLC (TRITEC)

Representative: Paul R. Michaud, Esq.
Bernadette Antaki, Esq.
Dylan J. Gillis, Esq.
Michaud Law Group LLC

A. Administrative Notice.

1. Letter from Christopher Martin, State Forester, Department of Energy and Environmental Protection, Bureau of Natural Resources, dated June 27, 2024, regarding the Connecticut DEEP Forestland Habitat Impact Map *available at* <https://ctdeep.maps.arcgis.com/apps/webappviewer/index.html?id=7b81844bab634281b544c20bf2d77fb8>

B. Exhibits for Identification.

1. Petition for a Declaratory Ruling filed by TRITEC Americas, LLC, received January 26, 2024, and attachments.
2. Petitioner Responses to Council Interrogatories, Set One, dated April 23, 2024
3. Petitioner Pre-Filed Testimony of Howie Reed with attached resume, received April 30, 2024
4. Petitioner Pre-Filed Testimony of Kevin Solli, Eric LaBatte, and Cameron Hendry with attached resumes, received April 30, 2024
5. Petitioner Pre-Filed Testimony of Bill Kenny, Alexander Wojtkowiak and Jackson Smith with attached resumes, received April 30, 2024
6. Pre-Filed Testimony of Warren Horton, received April 30, 2024
7. Petitioner Presentation Site Plan Layout Sheet 2.11, received May 2, 2024
8. Petitioner Sign Posting Affidavit, dated May 2, 2024
9. Petitioner Responses to Town of Manchester Interrogatories, dated May 7, 2024
10. Petitioner Responses to Rachel and Dana Schnabel Interrogatories, dated May 7, 2024
11. Petitioner Responses to Manchester Advocates for Responsible Solar Development Interrogatories, dated May 7, 2024
12. Petitioner Responses to Raymond Welnicki Interrogatories, dated May 7, 2024
13. Petitioner Supplemental Filing – Geotechnical Engineering Report, dated May 7, 2024
14. Petitioner Late-Filed Submission, dated May 7, 2024
 - a. Viewshed Profiles and Analysis from the abutting properties to the East
 - b. Revised Noise Analysis to account for the correct location of the inverters and inclusion of the tracker system
 - c. Spill Response and Prevention Plan that includes protocols for transformer spills and the identification of the construction vehicle refueling area
 - d. Recalculation of the acreage of post-development core forest to include 300-foot buffers from developed areas with an associated map
 - e. A map indicating what areas of the host parcel were historically used for agricultural purposes
 - f. Culvert Openness Ratio for the proposed access drive wetland crossing
 - g. Revised Site Plan Sheet with proposed access slopes at 1.5 to 1 in the vicinity of the wetland crossing, and a calculation of the associated reduced wetland impact
 - h. An East-West profile detail of the solar array on proposed grades
15. Petitioner Late-Filed Submission - Revised project map overlaid on DEEP's Forestland Habitat Impact Mapping tool, received July 19, 2024.

C. Swear Witnesses

1. Howie Reed, Chief Operating Officer, TRITEC Americas, LLC
2. Kevin Solli, P.E., Principal, Solli Engineering, LLC
3. Cameron Hendry, Assistant Project Manager, Solli Engineering, LLC
4. Eric LaBatte, Director of Operations, Solli Engineering, LLC
5. Bill Kenny, Principal, William Kenny Associates
6. Alexander Wojtkowiak, Soil Scientist, William Kenny Associates
7. Warren Horton, President/Member, Horton Electrical Services, LLC and Squirrel Enterprises, Inc.

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

E. Cross Examination.

2. Council
3. Town of Manchester
4. Rachel and Dana Schnabel
5. Manchester Advocates for Responsible Solar Development
6. Raymond Welnicki

III. Appearance by Party: Town of Manchester (**TOWN**)

Representative: John F. Sullivan, Esq.
Manchester Corporation Counsel

A. Administrative Notice.

1. Connecticut's 2020 Forest Action Plan
2. Connecticut Department of Energy and Environmental Protection Fact Sheet - Permit Information for Solar Projects
3. Ernst Seeds Price Quote, dated April 22, 2024
4. Leavenworth, J. (2023) '5,200 Solar Panels Will Save Manchester \$100,000 Each Year' *The CT Insider*, published December 13, 2024

B. Exhibits for Identification.

1. Town of Manchester Planning and Zoning Commission Comments and Request for Public Hearing, dated March 5, 2024
2. Town of Manchester Comments and Request for Public Hearing, dated March 6, 2024
3. Town of Manchester Request for Party Status, dated April 9, 2024
4. Town of Manchester Pre-Filed Testimony, received April 25, 2024
 - a. 1997 Denied Application Files (W-103 – 250 Carter Street)
 - b. 1934 UCONN Air Photo Archive with Subject Site Approximate Location Identified
 - c. Town of Manchester Inland Wetlands and Watercourses Regulations, effective January 3, 2014
 - d. Town of Manchester Zoning Regulations, effective April 18, 2017

- e. Manchester NEXT Plan of Conservation and Development, effective July 12, 2023
 - f. 'Buckley Elementary School Attains First Net Zero Energy Verification' *The Town of Manchester*, published January 23, 2024
 - g. Video of Water from Seep at Amanda Drive
 - h. Resident Comments Submitted to Town Planning and Zoning Commission, received February 21, 2024
5. Town of Manchester Pre-Hearing Submission, dated April 30, 2024
 - a. Aerial Drone View of the Proposed Project Site and Surrounding Residences
 - b. Pre-Filed Testimony of Megan Pilla, dated April 25, 2024
 - b.1 Town of Manchester Topographical Map, dated May 7, 2024
 - c. Pre-Filed Testimony of David Laiuppa, dated April 25, 2024
 6. Town of Manchester Late-File Position Statement regarding Permanent Conservation Easement and Collaborative Decommissioning Plan, dated July 16, 2024

C. Swear Witnesses

1. Megan Pilla, Principal Development Planner, Town of Manchester
2. David Laiuppa, Environmental Planner, Town of Manchester

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

E. Cross Examination.

1. Council
2. Petitioner
3. Rachel and Dana Schnabel
4. Manchester Advocates for Responsible Solar Development
5. Raymond Welnicki

IV. Appearance by Intervenors: Rachel and Dana Schnabel (**SCH**)

Representative: Rachel Schnabel

A. Administrative Notice.

1. Guideline - Assessing Fire Risks in Photovoltaic Systems and Developing Safety Concepts for Risk Minimization, June 2018
2. International Energy Agency Photovoltaic Power Systems Programme, Report IEA-PVPS T13-01:2014, Subtask 3.2: Review of Failures of Photovoltaic Modules
3. International Journal of Environmental Research and Public Health, Review Neurobehavioral Alterations from Noise Exposure in Animals: A Systematic Review
4. Department of Health and Human Services, National Institute for Occupational Safety and Health Pocket Guide to Chemical Hazards, September 2007
5. Fire, MDPI, Thermal Hazard and Smoke Toxicity Assessment of Building Polymers Incorporating TGA and FTIR - Integrated Cone Calorimeter Arrangement, 2022

B. Exhibits for Identification.

1. Rachel and Dana Schnabel Request for Intervenor Status, dated April 17, 2024

2. Schnabel Pre-Filed Testimony, 05/07/24 and attachments:
 - A-1. Photographs of Surrounding Neighborhood
 - A-2. Wildlife
 - B-1. Blue Ridge Drive Plans
 - B-2. Obituaries of U&R Housing Corp. Founders
 - B-3. Preservation Award
 - B-4. Case Brothers-Highland Park Historic District Map
 - C-1. Shenipsit Trail Map
 - C-2. Barlow, S. (2008) A Pioneer in Manchester, Connecticut Woodlands, Spring
 - C-3. Shenipsit Trail End-to-End Run, Shenipsit Striders
 - D-1. National Transportation Safety Board Reports
 - E-1. Transformer Mineral Oil Safety Data Sheet
 - F-1. Smoke Gas Toxicity
 - G-1. CT Cold Water Stream Habitat Map
 - G-2. CT Stream Flow Classifications Map
 - G-3. DEEP Fact Sheet: Modifications regarding Activities within Cold Water Stream Habits

C. Swear Witness

1. Rachel Schnabel
2. Dana Schnabel

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

E. Cross Examination.

1. Council
2. Petitioner
3. Town of Manchester
4. Manchester Advocates for Responsible Solar Development
5. Raymond Welnicki

V. Appearance by Intervenor: Manchester Advocates for Responsible Solar Development (**MARSD**)

Representative: Rosemary Carroll

A. Administrative Notice.

B. Exhibits for Identification.

1. Pre-filed Testimony of Rosemary Carroll, dated February 15, 2024
2. Manchester Advocates for Responsible Solar Department Request for Intervenor Status, dated April 17, 2024
3. Manchester Advocates for Responsible Solar Department Additional Pre-Filed Testimony of Rosemary Carroll, dated April 25, 2024

4. Manchester Advocates for Responsible Solar Development Videos (4) of drainage on Amanda Drive
5. Manchester Advocates for Responsible Solar Development Response to Petitioner Interrogatories, May 7, 2024

C. Swear Witnesses

1. Rosemary Carroll

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

E. Cross Examination.

1. Council
2. Petitioner
3. Town of Manchester
4. Rachel and Dana Schnabel
5. Raymond Welnicki

VI. Appearance by Party: Raymond Welnicki (**WEL**)

Representative: Raymond Welnicki

A. Administrative Notice.

B. Exhibits for Identification.

1. Raymond Welnicki Pre-Filed Testimony, dated March 1, 2024
2. Raymond Welnicki Request for Party Status, dated April 4, 2024
3. Raymond Welnicki Request for Party Status Supplemental Information, dated April 25, 2024
4. Raymond Welnicki Additional Pre-Filed Testimony, Part One, dated April 25, 2024
5. Raymond Welnicki Additional Pre-Filed Testimony, Part Two, dated April 25, 2024
6. Raymond Welnicki Additional Pre-Filed Testimony, Part Three, dated May 7, 2024

C. Swear Witnesses

1. Raymond Welnicki

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

E. Cross Examination.

1. Council
2. Petitioner
3. Town of Manchester
4. Rachel and Dana Schnabel
5. Manchester Advocates for Responsible Solar Development

VII. Closing or Continuation by Connecticut Siting Council.