

STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

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Hearing Program
Petition No. 1443A
Tuesday, February 15, 2022
2:00 p.m./6:30 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 January 7, 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 http://ferc.gov/legal/staff-reports/05-31-2012-ne-outage-report.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* 2021, *February 3, 2021, 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 2021, February 2021, available at https://www.eia.gov/outlooks/aeo/pdf/electricity_generation.pdf
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- 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 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
- 13. 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
- 14. UNITED STATES 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
- 15. 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
- 16. UNITED STATES FEDERAL AVIATION ADMINISTRATION, *Technical Guidance for Evaluating Selected Solar Technologies on Airports*, November 2010 (updated April 2018), available at https://www.faa.gov/airports/environmental/policy_guidance/media/FAA-Airport-Solar-Guide-2018.pdf
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REGIONAL

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- 21. ISO-NEW ENGLAND, INC., 2020-2029 Forecast Report of Capacity, Energy, Loads & Transmission (CELT), May 1, 2020, available at https://www.iso-ne.com/system-planning/system-plans-studies/celt
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- 28. ISO-NEW ENGLAND, INC., *Final 2021 PV Forecast*, April 29, 2021, *available at* https://www.iso-ne.com/static-assets/documents/2021/04/final_2021_pv_forecast.pdf
- 29. <u>ISO-NEW ENGLAND, INC., Interconnection Request Queue, available at https://www.iso-ne.com/system-planning/transmission-planning/interconnection-request-queue</u>
- 30. ISO-NEW ENGLAND, INC., Final Auction Results Confirm Sufficient Capacity Resources and Historically-Low Prices for 2023-2024, February 18, 2020, available at https://www.iso-ne.com/static-assets/documents/2020/02/20200218 pr_fca14_final_results.pdf
- 31. ISO-NEW ENGLAND, INC., FCA Results Filing in FERC Docket No. ER20-___-000, February 28, 2020, available at https://www.iso-ne.com/static-assets/documents/2020/02/fca_14_results_filing.pdf

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STATE

Connecticut Siting Council

- 34. **PETITION NO. 1443** SR North Stonington, 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 9.9-megawatt AC solar photovoltaic electric generating facility on five parcels located north and south of Providence New London Turnpike (State Route 184), west of Boombridge Road and north of Interstate 95 in North Stonington, Connecticut, and associated electrical interconnection. Record and Final Decision, available at https://portal.ct.gov/CSC/3 Petitions/Petition-Nos-1441-1450/Petition-No-1443_SR-North-Stonington-LLC
- 35. 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
- 36. CONNECTICUT SITING COUNCIL, 2017/2018 Forecast of Electric Loads and Resources, November 8, 2018, available at https://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2018_2019/f2018/finalreport/f2018-cscfinalreport.pdf
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Department of Energy and Environmental Protection

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- 42. 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
- 43. 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
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- 45. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, 2020 Integrated Resource Plan for Connecticut, October 2021, available at 2020-Connecticut-Integrated-Resources-Plan-10-7-2021.pdf
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Other State Agencies

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- 55. 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
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TECHNICAL

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- 83. UNITED STATES ARMY CORPS OF ENGINEERS, General Permits for the State of Connecticut & Lands Located Within the Boundaries of an Indian Reservation, Effective Date August 19, 2016, Expiration Date August 19, 2021, available at: https://www.nae.usace.army.mil/portals/74/docs/regulatory/StateGeneralPermits/CT/Conne cticut General Permits-August 2016.pdf

MAPS

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- 91. STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION, Connecticut Official State Tourism Map.
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C. State Agency comments

1. Department of Energy and Environmental Protection Comments, dated February 7, 2022

II. Appearance by Petitioner: SR North Stonington, LLC (SRNS)

Representatives: Kenneth C. Baldwin, Esq.

Jonathan H. Schaefer, Esq. Robinson & Cole, LLP

A. Administrative Notice.

B. Exhibits for Identification.

- 1. Motion to Reopen based on changed conditions pursuant to Connecticut General Statutes §4-181a(b) on Petition for a Declaratory Ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 9.9-megawatt AC solar photovoltaic electric generating facility on five parcels located north and south of Providence New London Turnpike (State Route 184), west of Boombridge Road and north of Interstate 95 in North Stonington, Connecticut, dated December 1, 2021, and attachments.
- 2. Petitioner Sign Posting Affidavit, dated January 28, 2022
- 3. Petitioner Responses to Council Interrogatories, Set One, dated February 8, 2022

C. Swear Witnesses

- 1. Peter Candelaria, P.E., Chief Development Officer, Silicon Ranch
- 2. Ali Weaver, Director, Project Development, Silicon Ranch
- 3. Dean Gustafson, Manager, Natural Resources, All-Points Technology Corp. P.C.
- 4. Matt Brawley, Senior Civil Engineer, HDR
- 5. Vincent Ginter, P. Eng., M. Sc., Urban Solution Group
- D. Full Exhibits Verification of exhibits by witnesses and admission by the Council.
- E. Cross Examination.
 - 1. Council
 - 2. Town of North Stonington

III. Appearance by Party: Town of North Stonington

Representatives: Robert A. Avena, Esq.

Suisman, Shapiro, Wool, Brennan,

Gray & Greenberg, P.C.

- A. Administrative Notice.
- B. Exhibits for Identification.
 - 1. Town of North Stonington Comments on Request to Reopen, dated December 14, 2021
- C. Swear Witnesses

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- D. Full Exhibits Verification of exhibits by witnesses and admission by the Council.
- E. Cross Examination.
 - 1. Council
 - 2. Petitioner
- IV. Closing by Connecticut Siting Council.