

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: portal.ct.gov/csc

VIA ELECTRONIC MAIL & CERTIFIED MAIL RETURN RECEIPT REQUESTED

October 13, 2023

Matthew Melewski, Esq. CT Solar PDF, LLC c/o Nokomis Energy 2836 Lyndale Avenue South Suite 132 Minneapolis, MN 55408 matthew@nokomisenergy.com

RE: **PETITION NO. 1580** – CT Solar PDF, 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 1.45-megawatt AC solar photovoltaic electric generating facility located at two parcels on the Medtronic campus at 86 Quinnipiac Avenue and 195 McDermott Road, North Haven, Connecticut, and associated electrical interconnection.

Dear Attorney Melewski:

At a public meeting held on October 12, 2023, the Connecticut Siting Council (Council) considered and ruled that the above-referenced proposal meets air and water quality standards of the Department of Energy and Environmental Protection (DEEP) and would not have a substantial adverse environmental effect, and pursuant to Connecticut General Statutes § 16-50k, would not require a Certificate of Environmental Compatibility and Public Need with the following conditions:

- 1. Approval of any project changes be delegated to Council staff;
- 2. Submit a copy of the DEEP Stormwater Permit prior to the commencement of construction;
- 3. Submit the final structural design for the solar array systems stamped by a Professional Engineer duly licensed in the State of Connecticut prior to commencement of construction;
- 4. Submit TCLP test result for the selected solar panels that indicate the panels would not be characterized as hazardous waste at the time of disposal, under current testing criteria;
- 5. Provide a fuel storage and spill remediation plan that includes contact information for the spill response contractor;
- 6. Provide training to emergency responders;
- 7. Incorporate pollinator habitat in the solar field area;
- 8. Install native shrubs in restoration areas along the bank of the Little River;
- 9. Implement the Department of Energy and Environmental Protection (DEEP)-recommended eastern box turtle protective measures in the February 9, 2023 DEEP Natural Diversity Database determination letter, as applicable;

- 10. The Council shall be notified in writing at least two weeks prior to the commencement of site construction activities;
- 11. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed within three years from the date of the mailing of the Council's decision, this decision shall be void, and the facility owner/operator shall dismantle the facility and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's decision shall not be counted in calculating this deadline. Authority to monitor and modify this schedule, as necessary, is delegated to the Executive Director. The facility owner/operator shall provide written notice to the Executive Director of any schedule changes as soon as is practicable;
- 12. Any request for extension of the time period to fully construct the facility shall be filed with the Council not later than 60 days prior to the expiration date of this decision and shall be served on all parties and intervenors, if applicable, and the Town of North Haven;
- 13. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed **along with a representative photograph of the facility**;
- 14. The facility owner/operator shall remit timely payments associated with annual assessments and invoices submitted by the Council for expenses attributable to the facility under Conn. Gen. Stat. §16-50v;
- 15. The facility owner/operator shall file an annual report on a forecast of loads and resources pursuant to Conn. Gen. Stat. §16-50r; and
- 16. This Declaratory Ruling may be transferred or partially transferred, provided both the facility owner/operator/transferor and the transferee are current with payments to the Council for their respective annual assessments and invoices under Conn. Gen. Stat. §16-50v. The Council shall be notified of such sale and/or transfer and of any change in contact information for the individual or representative responsible for management and operations of the facility within 30 days of the sale and/or transfer. Both the facility owner/operator/transferor and the transferee shall provide the Council with a written agreement as to the entity responsible for any quarterly assessment charges under Conn. Gen. Stat. §16-50v(b)(2) that may be associated with this facility, including contact information for the individual acting on behalf of the transferee.

This decision is under the exclusive jurisdiction of the Council and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition dated June 9, 2023, and additional information dated August 2, 2023; September 6, 2023; and September 12, 2023.

Enclosed for your information is a copy of the staff report on this project.

Sincerely,

Melanie A. Bachman Executive Director

MAB/RDM/dll

Enclosure: Staff Report dated October 12, 2023

c: Michael J. Freda, First Selectperson, Town of North Haven (freda.michael@town.north-haven.ct.us)
Joseph Carfora, Mayor, Town of East Haven (eh.mayor@att.net)
Justin Elicker, Mayor, City of New Haven (jelicker@newhavenct.gov)
Service List, dated June 20, 2023

STATE OF CONNECTICUT)		
	: ss. Southington, Connecticut	October 13, 2023	
COUNTY OF HARTFORD)		

I hereby certify that the foregoing is a true and correct copy of the Decision and Staff Report in Petition No. 1580 issued by the Connecticut Siting Council, State of Connecticut.

ATTEST:

Matrix Beal

Melanie A. Bachman Executive Director Connecticut Siting Council

STATE OF CONNECTICUT)

: ss. New Britain, Connecticut October 13, 2023

COUNTY OF HARTFORD)

I certify that a copy of the Connecticut Siting Council Decision and Staff Report in Petition No. 1580 has been forwarded by Certified First Class Return Receipt Requested mail, on October 13, 2023, to each party and intervenor, or its authorized representative, as listed on the attached service list, dated June 20, 2023.

ATTEST:

Dakota Lofoutain

Dakota LaFountain
Clerk Typist
Connections Siting Coun

Connecticut Siting Council

Date: June 20, 2023 Petition No. 1580 Page 5 of 5

LIST OF PARTIES AND INTERVENORS $\underline{SERVICE\ LIST}$

Status Granted	Document Service	Status Holder (name, address & phone number)	Representative (name, address & phone number)
Petitioner	⊠ E-mail	CT Solar PDF, LLC	Matthew Melewski, Esq. CT Solar PDF, LLC c/o Nokomis Energy 2836 Lyndale Avenue South Suite 132 Minneapolis, MN 55408 matthew@nokomisenergy.com Brendan Dillon CT Solar PDF, LLC c/o Nokomis Energy 2836 Lyndale Avenue South Suite 132 Minneapolis, MN 55408 brendan@nokomisenergy.com Chad Alberth, P.E. Verdanterra, LLC 601 Technology Drive, Suite 200 Canonsburg, PA15317 Phone (724) 916-4541 calberth@verdanterra.com



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: portal.ct.gov/csc

Petition No. 1580 CT Solar PDF, LLC 1.45 MW AC Solar Photovoltaic Electric Generating Facility 86 Quinnipiac Avenue and 195 McDermott Road, North Haven

Staff Report October 12, 2023

Introduction

On June 20, 2023, the Connecticut Siting Council (Council) received a petition from CT Solar PDF, LLC (CTSP) for a declaratory ruling pursuant to Connecticut General Statutes (CGS) §4-176 and §16-50k for the construction, operation and maintenance of a 1.45 megawatt (MW) alternating current (AC) solar photovoltaic electric generating facility located at the Medtronic, Inc. campus¹ at 86 Quinnipiac Avenue and 195 McDermott Road, North Haven, Connecticut, and associated electrical interconnection (Petition or Project).

Pursuant to Regulations of Connecticut State Agencies (RCSA) §16-50j-40, on or about March 17 and March 28, 2023, CTSP notified abutting property owners, Town of North Haven (Town), Town of East Haven and City of New Haven² officials (collectively the municipalities), and state officials and agencies of the proposed Project. No comments were received.

Pursuant to CGS §4-176(e) of the Uniform Administrative Procedure Act, an administrative agency is required to take action on a petition within 60 days of receipt. On August 3, 2023, pursuant to CGS §4-176(e), the Council voted to set the date by which to render a decision on the Petition as no later than December 17, 2023, which is the 180-day statutory deadline for a final decision under CGS §4-176(i).

The Council issued interrogatories to CTSP on July 19, August 30 and September 8, 2023. CTSP submitted responses to the interrogatories on August 2, September 6, and September 12, 2023, one of which included photographic documentation of site-specific features intended to serve as a "virtual" field review of the Project.

Municipal Consultation

On March 13, 2023, CTSP notified the municipalities of the proposed Project. After the notification was sent, a design change to the Project reduced the proposed generating capacity from 1.7 MW AC to 1.45 MW AC. No comments were received from the municipalities or abutting property owners since the Petition was submitted to the Council.

On June 21, 2023, the Council sent correspondence to the municipalities stating that the Council has received the Petition and invited the municipalities to contact the Council with any questions or comments by July 20, 2023. No comments were received.

¹ The campus consists of several buildings located on six abutting parcels, zoned light-industrial, that encompass approximately 58 acres.

² The Town of East Haven and City of New Haven are located within 2,500 feet of the proposed facility site.

State Agency Comments

On June 21, 2023, the Council sent correspondence requesting comments on the proposed Project from the following state agencies by July 20, 2023: Department of Energy and Environmental Protection (DEEP); Department of Agriculture (DOAg); Department of Public Health (DPH); Council on Environmental Quality (CEQ); Public Utilities Regulatory Authority (PURA); Office of Policy and Management (OPM); Department of Economic and Community Development (DECD); Department of Emergency Services and Public Protection (DESPP); Department of Consumer Protection (DCP); Department of Labor (DOL); Department of Construction Services (DCS); Department of Transportation (DOT); the Connecticut Airport Authority (CAA); and the State Historic Preservation Office (SHPO).

No state agencies provided comments on the Project.

While the Council is obligated to consult with and solicit comments from state agencies by statute, the Council is not required to abide by the comments from state agencies.³

Public Act 17-218

Public Act (PA) 17-218⁴ requires "for a solar photovoltaic facility with a capacity of two or more megawatts, to be located on prime farmland or forestland, excluding any such facility that was selected by DEEP in any solicitation issued prior to July 1, 2017, pursuant to section 16a-3f, 16a-3g or 16a-3j, the DOAg represents, in writing, to the Council that such project will not materially affect the status of such land as prime farmland or DEEP represents, in writing, to the Council that such project will not materially affect the status of such land as core forest." The proposed facility has a capacity of 1.45 MW; therefore, it is exempt from the provisions of PA 17-218.

Public Benefit

The Project would be a distributed energy resource facility as defined in CGS § 16-1(a)(49). CGS § 16a-35k establishes the State's energy policy, including the goal to "develop and utilize renewable energy resources, such as solar and wind energy, to the maximum practicable extent." The state Comprehensive Energy Strategy (CES) examines future energy needs and identifies opportunities to reduce ratepayer costs, ensure reliable energy availability, and mitigate public health and environmental impacts. CES Strategy No. 3 is "Grow and sustain renewable and zero-carbon generation in the state and region." The state Integrated Resource Plan assesses the state's future electric needs and a plan to meet those future needs, including, but not limited to, pathways to achieve a 100 percent zero carbon electric supply by 2040. Furthermore, Governor Lamont's Executive Orders and Council on Climate Change examine existing policies and identify new strategies to combat climate change. The proposed facility will contribute to fulfilling the State's Renewable Portfolio Standard and Global Warming Solutions Act as a zero emission Class I renewable energy source.

CTSP was awarded one 15-year Low Emissions Renewable Energy Credit (LREC) contract with The United Illuminating Company (UI) for the Project under the state's LREC/ZREC Program to sell the renewable energy credits (RECs) from the facility. The LREC/ZREC Program was developed as part of Public Act 11-80, "An Act Concerning the Establishment of the [DEEP] and Planning for Connecticut's Energy Future." The LREC/ZREC Program is not among the competitive energy procurement programs that are exempt from PA 17-218. ⁵

³ Corcoran v. Connecticut Siting Council, 284 Conn. 455 (2007).

⁴ Codified at Conn. Gen. Stat. §16-50k(a) and §16a-3k (2023).

⁵ ZREC contracts are limited to 1 MW, and LREC contracts are limited to 2 MW. (CGS §16-244r).

The 1.45 MW solar facility would provide approximately 17 percent of Medtronic's baseload power use. If the total output of the solar facility exceeds the energy consumption of the campus, excess energy would be exported to the local UI electric distribution system through a net metering agreement.

Proposed Site

Pursuant to CGS §16-50x, the Council has exclusive jurisdiction over the proposed solar electric generating facility "site." Under RCSA §16-50j-2a(29), "site" means a contiguous parcel of property with specified boundaries, including, but not limited to, the leased area, right-of-way, access and easements on which a facility and associated equipment is located, shall be located or is proposed to be located. The Council does not have jurisdiction or authority over any portion of the host parcel beyond the boundaries of the Project "site." This includes portions of the parcel retained by the landowner and portions of the parcel the landowner may lease to third parties. Once a facility is decommissioned, the Council no longer has jurisdiction or authority over the Project "site."

Under a lease agreement with Medtronic, CTSP proposes to construct the solar facility on the site as follows:

- a) 1.79 acres rooftop;
- b) 0.85 acres ground mount;
- c) 1.2 acres parking canopy; and
- d) 0.3 acres interconnection corridor.

The solar photovoltaic electric generating facility consists of a ground mount array, roof mount array, and parking canopy array on two parcels, comprising 38.9-acres, at the Medtronic campus.

The campus abuts Middletown Avenue to the southeast, McDermott Road to the west and northwest, and light industrial-zoned parcels to the northeast and south. The facility would be installed at the 195 McDermott Road parcel (31.4-acre) and the 86 Quinnipiac Avenue parcel (7.5-acre) on the campus. The parcels are zoned Light Industrial District (IL-30).

Surrounding land uses consists mostly of a mix of industrial and commercial development. Interstate 91 is northwest of the site. The nearest residence from the solar facility is approximately 845 feet to the northeast at 92 Quinnipiac Avenue, North Haven.

Medtronic maintains two fuel cell facilities⁶ with a combined output of approximately 4,500 kW that provides power to its campus. On August 7, 2023, Medtronic submitted a third petition for a declaratory ruling to the Council for the proposed construction, operation and maintenance of an additional customerside 2,000 kW fuel cell facility at the campus (Petition 1278B).

Proposed Facility

The proposed 1.45 MW AC solar facility consists of a ground-mount, roof mount, and parking canopy arrays totaling 4,004 panels, string inverters; distribution level collector lines; step-up transformers; switch gear and security fencing.

⁶ On February 21, 2017, in Petition 1278, and on December 6, 2019, in Petition 1278A, the Council issued Declaratory Rulings to Bloom Energy Corporation for construction, operation and maintenance of a 500-kilowatt fuel cell facility (composed of one 200-kW unit and one 300-kW unit) and a 4,000-kilowatt fuel cell facility (composed of two 2,000-kW units) at the Medtronic campus. The fuel cell facilities became operational in 2017 and 2020, respectively,

The roof-mount array, consisting of 2,100 panels rated at 445 watts, would be installed on the 195 McDermott Road building and would occupy a 77,972 square foot area. The panels would be installed at a 5-degree angle. The panels would be approximately 11-inches above the roofline at their maximum height. The building is approximately 39 feet tall.

The canopy array, consisting of 1,508 panels rated at 540 watts, would occupy a 52,272 square foot area of a paved parking lot west of the 86 Quinnipiac Avenue building. The panels would be installed at a 7-degree angle attached to steel framing supported by columns. The columns would be set into the ground to a depth of approximately 12 feet. The canopies would have a minimum clearance height of 14 feet above grade.

The ground-mount array, consisting of 396 panels rated at 540 watts, would occupy a 37,026 square foot area of a lawn area on the 195 McDermott Road parcel, and west of the proposed parking canopy installation. The panels would be installed at a 20-degree angle attached to a fixed post mount racking system with 15-foot vegetated aisles between panel rows. The panels would be approximately 2.5 feet and 12 feet above grade at their lowest and highest points, respectively.

Approximately 34 inverters would be distributed throughout the site to accommodate the generation capacity of each array. Two switchgear line-ups are proposed: one for the roof array and one for the ground and canopy arrays. If one of the array sections experiences electrical problems causing it to shut down, the other section could continue to operate.

Panel row wiring would be installed on the racking system or within a cable tray to reduce exposure to weather events or animals. Underground conduit would connect the arrays to the transformer/switchgear pads. From the pads, underground conduit would extend approximately 840 feet to an electric room within an existing building at the east end of 86 Quinnipiac Avenue parcel. No utility poles are proposed.

An interconnection application was submitted to UI for the Project UI initiated a distribution system impact study for the Project. Review by ISO-NE would be addressed by UI during the interconnection process. Any distribution upgrades, if necessary, would be determined by the impact study.

The proposed facility would provide approximately 17 percent of the annual electric load of the Medtronic campus. CTSP has a Net Metering agreement with UI to facilitate the sale of surplus power generated by the facility to the grid. Collectively, the two existing fuel cell facilities on the campus and the proposed solar facility would provide approximately 79% of the annual electric load of the Medtronic campus.

The capacity factor for the Project is approximately 14.5 percent. The power output would decline over time with an anticipated annual power output loss of approximately 0.50 percent. The proposed facility would not operate as an emergency generating device or as part of a demand response program.

Access to the solar facility would be via existing driveways and parking lots on the campus. Medtronic maintains an existing fence with a gated access system to restrict public access campus. The ground-mount array would be enclosed by a seven-foot high chain link fence (868 linear feet) with an access gate facing an existing driveway.

Construction is anticipated to begin in the Summer 2024 and would occur over an approximate sevenmenth period. Typical construction hours and workdays are as follows: Monday –Friday Saturday, 7:00 AM to 6:00 PM; and Saturday, 8:00 AM to 5:00 PM.

The estimated cost of the Project is \$8,000,000.

Public Safety

The Project would comply with the current CT State Fire Prevention Code, National Electrical Code, National Electrical Safety Code and National Fire Protection Association codes and standards, as applicable.

The facility would be remotely monitored. In the event of a system malfunction, a notification system would dispatch personnel to perform maintenance and repairs.

All three array areas would have a manual emergency shut off switch that is accessible to emergency personnel. Comprehensive signage would be installed throughout the three array areas indicating the locations of all facility disconnecting equipment.

When necessary, Medtronic security staff would provide access for emergency responders to the array areas. The canopy array would have a minimum height of 14 feet above grade and a 15-foot wide aisle between the building and fencing for emergency vehicle access. Emergency responders would access the solar canopies and the rooftop array using their existing equipment such as ladders and bucket trucks.

No specialized media or equipment is required to extinguish a solar array fire. Any fire-fighting substance the fire department deems appropriate could be used to extinguish the fire, including but not limited to, water and foam.

CTSP would provide training to local emergency first responders for emergencies related to photovoltaic facilities.

A structural survey was performed that determined the existing building roof structure is adequate to support the proposed rooftop solar array.

The proposed facility would be located approximately 6 miles north of the Tweed-New Haven Airport. Per Federal Aviation Administration guidelines, there would be no impact on air navigation and a glare analysis is not required.

The proposed facility is surrounded by commercial and industrial use. Noise from the facility would be in compliance with DEEP Noise Control Standards. Construction-related noise is exempt from DEEP Noise Control Standards.

The proposed facility is not located within a Federal Emergency Management Agency designated 100-year flood zone.

Environmental Effects and Mitigation Measures

Air and Water Quality

The Project would not produce air or water emissions as a result of operation. The Project would not produce air emissions of regulated air pollutants or greenhouse gases during operation.

The site is not within a DEEP-designated Aquifer Protection Area.

No wetlands were identified on the host parcels except for the high-water mark for Little River which extends along the north property line of the parcels. The river contains a narrow strip of vegetation on both of its banks. Existing chain link fencing separates the river and its vegetated bank from an existing driveway

on the 86 Quinnipiac Avenue parcel. The river is located north of an existing lawn area and a wooded area on the 195 McDermott Road parcel.

The river is approximately 80 feet north of the limit of disturbance for the ground-mount solar array. The underground interconnection line connecting all three array areas to the Medtronic electrical building would be installed to a depth of two feet along the south bank of the river.

CTSP would establish erosion and sedimentation controls to protect the river, consistent with the <u>2002</u> Connecticut Guidelines for Soil Erosion and Sediment Control (2002 E&S Guidelines).

Stormwater

Pursuant to CGS Section 22a-430b, DEEP retains final jurisdiction over stormwater management and administers permit programs to regulate stormwater discharges. DEEP regulations and guidelines set forth standards for erosion and sedimentation control, stormwater pollution control and best engineering practices.

The DEEP General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (General Permit) requires implementation of a Stormwater Pollution Control Plan (SWPCP) to prevent the movement of sediments off construction sites into nearby water bodies and to address the impacts of stormwater discharges from a proposed project after construction is complete. In its discretion, DEEP could require an Individual Permit for discharges and hold a public hearing prior to approving or denying any General or Individual Permit (Stormwater Permit) application.

There would be approximately 1.4-acres of ground disturbance. A DEEP-issued Stormwater Permit is required prior to commencement of construction activities. The Stormwater Permit includes erosion control measures that comply with the 2002 E&S Guidelines and the 2004 Connecticut Stormwater Quality Manual.

CTSP discussed the Project with the DEEP staff on August 2, 2023. DEEP did not recommend changes to the stormwater analysis prepared by CTSP. The analysis concluded no permanent stormwater detention basins are necessary as the proposed post-construction site conditions would be an improvement over existing drainage conditions.

A ground-disturbance construction sequence is included on the site plans that includes the establishment of erosion control measures, site clearing, and stabilization of areas not being worked on, followed by installation of site infrastructure.

Forests and Parks

Approximately 0.24-acre of tree clearing would be required to install the interconnection line. The clearing would occur along the south bank of the Little River and the north edge of the ground-mount array area. CTSP is willing to plant native shrubs along the riverbank after construction is completed.

Fish, Aquaculture and Wildlife

The site is located within a DEEP Natural Diversity Database (NDDB) buffered area. By letter dated February 9, 2023, DEEP NDDB program indicated that the eastern box turtle, a state-listed Species of Special Concern, may occur at the site, and recommended protective measures to protect turtle populations. CTSP would implement the DEEP-recommended protective measures including, but not limited to,

Petition No. 1580 Page 7 of 10

exclusionary fencing and daily turtle sweeps prior to commencing work during the active turtle season of April through October.

CTSP would install a perimeter fence around the ground-mount array with a six-inch gap at the bottom to facilitate small wildlife movement. To increase habitat value, CTSP would be willing to utilize a pollinator-friendly seed mix within the limits of disturbance.

Agriculture

The proposed site does not contain prime farmland soils.

Scenic, Historic and Recreational Values

SHPO submitted correspondence to CTSP on February 3, 2023, indicating that the proposed Project would not affect historic properties. There are no Town or state parks within a half-mile of the site. A heavily wooded open space parcel is located approximately 0.4 miles east of the site.

There would be no substantial views of the three arrays from abutting areas. The canopy and ground-mount arrays are buffered by existing buildings and vegetation and the roof-mount array would not be visible given that is located on top of a 39-foot tall building. Peter's Rock, an open space area, is located approximately 0.75 miles east of the facility but it is not anticipated that the facility would be visible from this area.

There are no national, state and/or locally designated scenic roads or areas near the proposed site.

No facility lighting is proposed.

Operation and Maintenance

A post-construction Operations and Maintenance (O&M) Plan has been developed that includes provisions for annual inspections of physical site features and structural and electrical components, and preventive maintenance activities in accordance with manufacturer specifications.

Replacement solar modules would not be stored on-site.

Module cleaning would only be conducted on an as needed basis using water. Snow removal is not anticipated.

Vegetation associated with the ground-mounted array would be mowed as needed by Medtronic. Reseeding would be conducted as necessary. Pavement beneath the canopy array would be inspected annually for deterioration and repairs would be made as necessary by Medtronic.

Decommissioning

The Project has an operational life of at least 25 years. At the end of the Project's useful life, the Project would be decommissioned and removed from the site. Project decommissioning would include removal and disposal or recycling of project components.

CTSP has not procured the solar panels for the facility but would select panels that meet current Toxicity Characteristic Leaching Procedure (TCLP) criteria⁷ for characterization as nonhazardous waste in the event the solar panels are not recycled at the end of the Project's life.

Conclusion

The Project is a customer-side distributed resource with a capacity of not more than sixty-five megawatts, meets air and water quality standards of the DEEP, and would not have a substantial adverse environmental effect. The proposed Project will not produce air emissions, will not utilize water to produce electricity, was designed to minimize environmental impacts, and furthers the State's energy policy by developing and utilizing renewable energy resources and distributed energy resources. Furthermore, the Project was selected under the state's LREC/ZREC Program.

If approved, staff recommends the following conditions:

- 1. Approval of any project changes be delegated to Council staff;
- 2. Submit a copy of the DEEP Stormwater Permit prior to the commencement of construction;
- 3. Submit the final structural design for the solar array systems stamped by a Professional Engineer duly licensed in the State of Connecticut prior to commencement of construction;
- 4. Submit TCLP test results for the selected solar panels that indicate the panels would not be characterized as hazardous waste at the time of disposal, under current testing criteria,
- 5. Provide a fuel storage and spill remediation plan that includes contact information for the spill response contractor;
- 6. Provide training to emergency responders;
- 7. Incorporate pollinator habitat in the solar field area; and
- 8. Install native shrubs in restoration areas along the bank of the Little River.

⁷ https://www.ecfr.gov/current/title-40/chapter-I/subchapter-I/part-261/subpart-C/section-261.24

Figure 1: Site location



Figure 2: Proposed Site Layout

(roof, canopy and ground-mount arrays)

