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June 24, 2022

Via Electronic Filing and FedEx Delivery

Melanie Bachman, Executive Director/Staff Attorney
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: Petition of VCP EPC, LLC for Declaratory Ruling for the Construction, Operation, and Maintenance of a 2.99 MW AC Roof-Mounted Solar Photovoltaic Electric Generating Facility at Dollar Tree Distribution Center, 99 International Drive, Windsor, Connecticut

Dear Ms. Bachman:

Enclosed is an original and fifteen (15) copies of the Petitioners Responses to the Connecticut Siting Council interrogatories in the above-reference project.

If you have any questions concerning this submittal, please contact me at your convenience.

Sincerely,



Bradley J. Parsons
Director of Design and Permitting

**Petition No. 1507
VCP EPC, LLC d/b/a Verogy
99 International Drive, Windsor
Interrogatories**

Project Development

1. What is the estimated cost of the project?

The estimated cost of the Project is \$6,500,000

2. If the project is approved, identify all permits necessary for construction and operation and which entity will hold the permit(s)?

The project would obtain and hold a building and electrical permit with the Town of Windsor.

3. Referencing page 11 of the Petition, have the Towns of Windsor and East Granby and/or abutters provided comments or concerns to the Petitioner since the petition filing? If yes, summarize the comments/concerns and indicate how they were addressed.

The Petitioner has not received any comments or concerns from the Town of Windsor, the Town of East Granby or any abutters in regards to the project.

Proposed Site

4. In the lease agreement with the property owner:

- a. What is the term of the lease?
- b. Could the lease term be extended? If so, at what time intervals?
- c. Are there any provisions within the lease related to decommissioning and/or site restoration at the end of the project's useful life? If so, please describe and/or provide any such provisions.

There is no lease agreement with the property owner as Dollar Tree Distribution, Inc. will own the project.

5. Provide the distance, direction and address of the nearest off-site residence from the closest solar array.

The nearest off-site residence to the solar array is located approximately 430 feet to the south located at 43 Loren Circle, Windsor, CT.

Energy Output

6. Is the project being designed to accommodate a future potential battery energy storage system? If so, where would it be located?

There is currently no battery storage contemplated for the Site.

7. Could the project be designed to serve as a microgrid?

No the project cannot be designed to serve as a microgrid.

8. Would 100 percent of the energy and renewable energy certificates (RECs) generated by the proposed facility be sold to the Connecticut Light and Power Company d/b/a Eversource Energy (Eversource)? Explain.

The renewable energy certificates (RECs) would be sold to Eversource Energy through two fifteen-year contracts that were awarded in the Year-10 LREC/ZREC Auction. There is a contract for the 1.00 MW AC system and one for the 1.99 MW AC system. The energy produced by the project would be consumed on-site as the project would be interconnected behind-the-meter.

9. Would the Petitioner participate in the ISO-NE Forward Capacity Auction? If yes, which auction(s) and capacity commitment period(s)?

It is unclear at this time if the project would participate in the ISO-NE Forward Capacity Auction, but the Petitioner reserves the right to participate in that auction should they so choose.

10. If the facility will operate beyond the terms of the 15-year LREC/ZREC contracts, are there provisions to renew and/or extend the contracts? After the term of 15-years, would the Petitioner decommission the facility or seek other revenue mechanisms for the power produced by the facility?

There are currently no provisions to renew or extend the current LREC/ZREC contracts. The Facility will ultimately be owned by Dollar Tree Distribution, Inc. so it would be expected that the Facility will remain in service through its useful life at which time the facility would be decommissioned.

Site Components and Solar Equipment

11. Referencing page 7 of the Petition, a total of 8,320 solar panels are proposed. How many solar panels would be associated with the 1.00 MW AC array, and how many solar panels would be associated with the 1.99 MW AC array?

There are 2,768 solar panels associated with the 1.00 MW AC array and 5,552 solar panels associated with the 1.99 MW AC array.

12. Provide a side profile drawing to depict the solar panel angle with the horizontal, and the maximum and minimum heights of the arrays above the roofline. How high is the roof in feet above grade?

See Exhibit 1 for a side profile drawing showing the solar panel angle above the roofline. The panels are in landscape orientation facing south at a 10 degree tilt and are 13.48 inches above the roof at their highest point. The roof is approximately 43 feet high on the western and eastern sides and 50' high in the center.

13. Is the wiring from the panels to the inverters installed on the racking system? If wiring is external, how would it be protected from potential damage from weather exposure or animals?

The wiring from the panels is installed within the racking system or cable tray and thus is not exposed to weather or animals.

Interconnection

14. Is the project interconnection required to be reviewed by ISO-NE?

Since the project is over 1.0MW it will likely require review from ISO-NE which will be handled by Eversource through the interconnection process.

15. Would any off-site upgrades to the electrical distribution system be required? If so, describe.

At this time, until the required studies are completed by Eversource it is unclear if any off-site upgrades to the electrical distribution system will be required.

16. Referencing page 7 of the Petition, what is the status of the interconnection application with Eversource?

Eversource has started the impact study for the project.

Public Safety

17. Referencing page 13 of the Petition, describe procedures that will allow emergency responders to shut down the facility. For example, would an emergency shut-off switch (or other means of shut-off) be accessible to emergency responders on the ground? Explain.

There would be an emergency shut-off switch with appropriate signage accessible to emergency responders at ground level.

18. If there is a structure fire or rooftop fire, what substances (water, foam etc.) can be used on the solar array to extinguish the fire?

Any substance that the fire department deems as appropriate can be used on the solar array to extinguish the fire, this could include the use of water, foam, or other approved department substances.

Environmental

19. Would stormwater runoff from the rooftop solar facility, both during construction and post-construction, have any impact to the on-site forested wetland? What measures would be employed to protect the wetland?

There will be no change to the stormwater runoff as a result of the installation of the solar facility on the roof of the building as such the existing stormwater features that exist on site will continue to protect the forested wetland.

20. Provide a photo simulation of the proposed solar facility.

See Exhibit 2 Photo Log showing views of the building from the public right of way. The top of the roof is not visible from any of the public streets, additionally the closet a panel is to the edge of the roof is 60 feet, and only 13.54 inches off the top of roof.

21. Although the ground equipment is located outside of the designated flood zone, what is the cost to elevate the ground equipment an additional foot above mean sea level?

There are only 500-year flood plains located on site which do not have associated elevations. The closest 100-year flood plains to the ground equipment are 3,600 feet to the southeast associated with the Farmington River. The elevation of the 100-year flood plain in this area is 101 feet and the elevation in the area of the equipment pad is approximately 180 feet. The Petitioner does not think that elevating the equipment pads on the ground an additional foot is warranted.

22. For the ground mounted equipment area, were subsurface soils evaluated for hazardous contaminants? Would excavated soils require disposal at a hazardous materials facility?

The subsurface soils were not evaluated for hazardous contaminants. The existing building was constructed in 2013 so hazardous materials are not expected to be encountered during construction.

23. Are there any national, state and/or locally-designated scenic roads near the proposed site? If yes, describe the visibility of the proposed project from these road(s).

The closest scenic road to the project is S. Main Street (Route 75) in Suffield, CT which is 5.5 miles away to the northeast on the other side of Bradley International Airport. There is no visibility of the proposed project from this road.

Facility Construction

24. Where would the construction staging area be located?

Construction staging would be located in the existing parking and disturbed areas on the west side of the existing building.

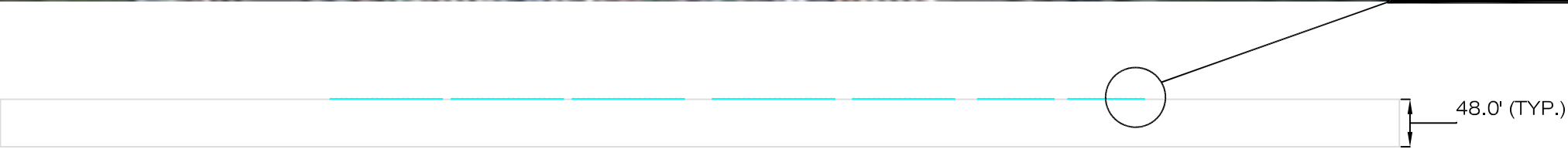
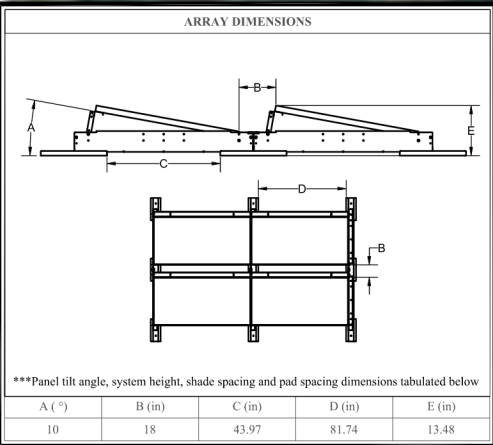
25. Would the proposed installation affect existing rooftop stormwater drainage? How is rooftop stormwater captured and where is it discharged?

No the proposed installation would not affect the existing rooftop stormwater drainage, the racking system sits on pads that elevate the bottom of the system just under an inch above the roof. The rooftop stormwater is captured through an existing perimeter roof drainage system, that is ultimately discharged to the on-site stormwater management system.

26. Which code(s) govern stormwater drainage on roofs, e.g. Connecticut State Building Code, International Building Code, etc.? Would the rooftop drainage system remain in compliance with such code(s) post-construction, or would any upgrades to the roof's drainage system be necessary for compliance?

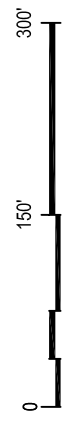
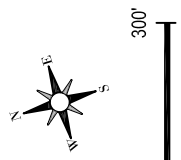
There are no impacts to the rooftop drainage system thus no upgrades to the roof drainages systems are necessary.

EXHIBIT 1



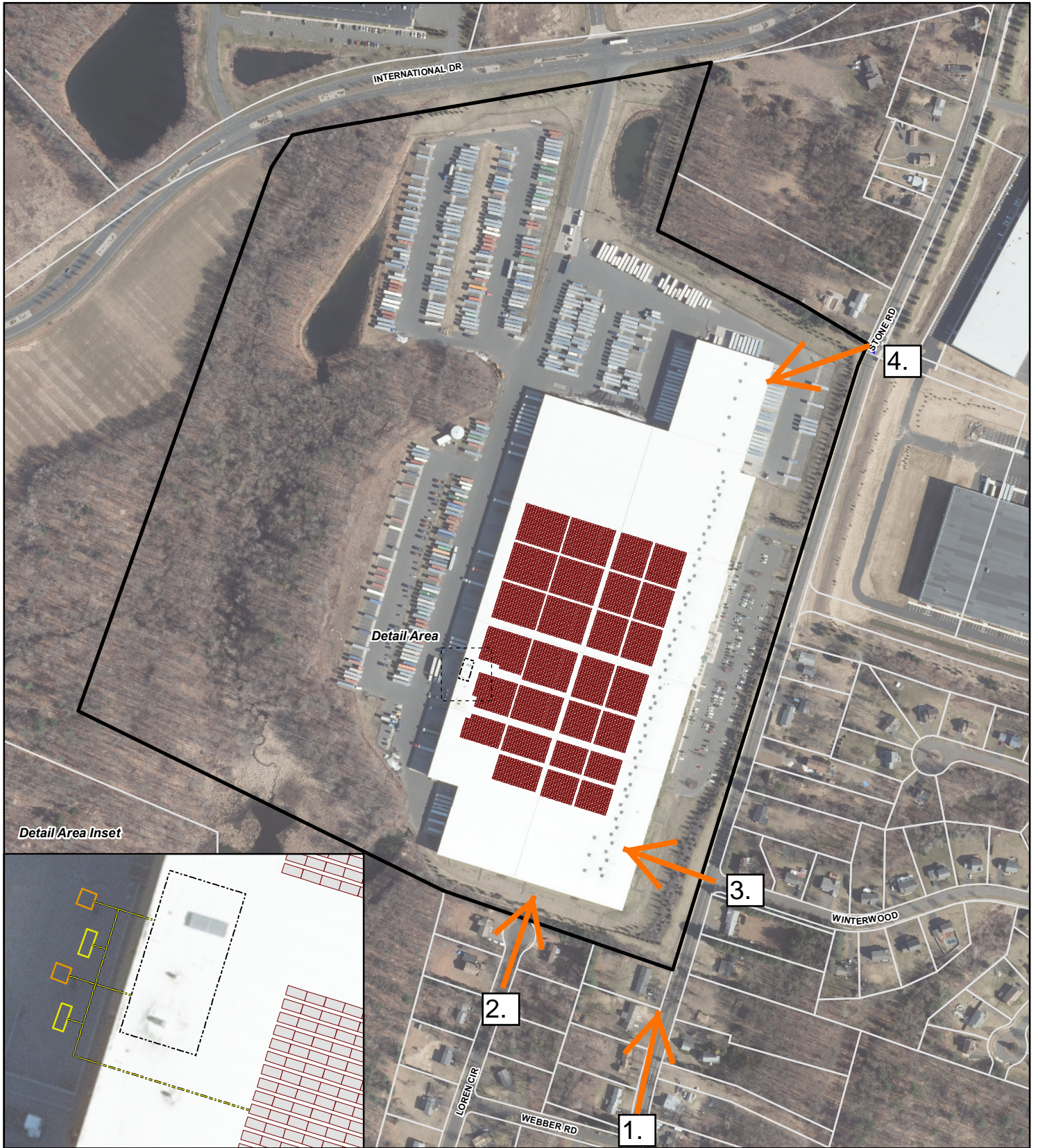
SECTION "A-A"

2.99 MW Roof-Mounted Solar Project
 Dollar Tree Distribution Center
 99 Internation Drive, Windsor, CT



Proposed Building Section
 (Looking East)
 June 2022

EXHIBIT 2



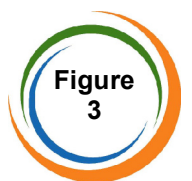
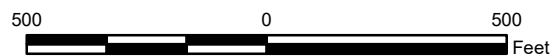
Legend

- Site
- Proposed Solar Modules
- Electrical Rooms (within in existing building)
- Existing Transformer (Inset Map)
- Proposed Electrical Switchgear (Inset map)
- Proposed Electrical Conduit (Inset Map)
- Approximate Parcel Boundary

Proposed Conditions
March 2022

2.99 MW Roof-Mounted Solar Project
Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

Data Sources:
Aerial Base Map: State of Connecticut 2019 aerial imagery CTECO





Description: Photo taken at the intersection of Stone Road and Webber Road looking north.

2.99 MW Roof-Mounted Solar Project

Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut





Description: Photo taken on Loren Road looking north.

2.99 MW Roof-Mounted Solar Project

Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut



W T E
I R
N W
O



Description: Photo taken at the intersection of Stone Road and Winterwood Road looking west.

2.99 MW Roof-Mounted Solar Project

Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut





Description: Photo taken at the driveway of 330 Stone Road and west / southwest.

2.99 MW Roof-Mounted Solar Project

Dollar Tree Distribution Center
99 International Drive, Windsor, Connecticut

