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# Transmittal

To: Melanie A. Bachman  
Executive Director  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: PETITION NO. 1655 - BORRELLI SOLAR D&M PLAN

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Dear Executive Director Melanie Bachman:

Enclosed with this transmittal please find 15 copies of the Borrelli Solar Development and Management Plan prepared to comply with Sections 16-50j-60 through 16-50j-62 of the Regulations of Connecticut State Agencies.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Broyer", is written over a horizontal line.

Steven J Broyer

To comply with Sections 16-50j-60 through 16-50j-62 of the Regulations of Connecticut State Agencies (RCSA). A D&M Plan has been prepared for the facility. The D&M plan required Updated Site Permitting Documents which have been attached as Exhibit A and address the requested revision associated with items a) through f) to the to the facilities overall design and layout:

- a) Final site plan including, but not limited to facility layout, access road, electrical interconnection design, fence design, equipment pads shifted at least 100 feet to the north/northeast towards the center of the facility site, and final seed mix;  
Sheet 2 of Exhibit A represents the solar facilities final site plan. The solar racking and equipment layout represents the equipment associated with the final electrical design of the solar facility. The roadway and final interconnection equipment has been shifted over 100' to the Northeast.  
Sheet 11 of Exhibit A represents the sites seed mix requirements and stabilization details.
- b) Redesigned access road that maintains a setback of at least 20 feet from the 207 Borrelli Road property line and is at least 12 feet wide with a turnaround to accommodate fire trucks and associated loads;  
Sheet 2 and 3 of Exhibit A identifies that the roadway is beyond the 20 property line setback for 207 Borelli Road.  
Sheet 2 and 4 of Exhibit A identify a 3 point hammerhead fire truck and Equipment delivery turnaround on the north end of the solar facility.
- c) Installation of privacy screening on the fence along Borrelli Road and proximate to the 207 Borrelli Road property;  
Sheet 2 of Exhibit A identifies the project perimeter fencing and 207 Borelli Road screen fencing.  
Sheet 13 of Exhibit A identifies the fencing details.
- d) Relocation of the electrical interconnection to the east of the access drive, i.e. away from the 207 Borrelli Road property;  
Sheet 2 and 3 of Exhibit A show the relocation of the entrance driveway to the site and shift the interconnection east of the driveway. This interconnection relocation has been coordinated with and accepted by the Interconnecting Utility.

- e) Final Landscaping Plan that includes vegetative screening along Borrelli Road and proximate to the 207 Borrelli Road property with a vegetative maintenance plan to be implemented for the life of the facility;

Sheet 7 of Exhibit A illustrates 97 total trees screening the solar facility from Borrelli Road and the adjacent 207 Borrelli Road parcel.

A vegetation maintenance plan has been attached as Exhibit B

- f) Maintenance of an undisturbed 50-foot wetland buffer on the eastern side of the facility site;

Sheet 2 of Exhibit A identifies the project perimeter fencing which follows the 50' buffer along the eastern side of project.

The following responses and Exhibits address the remaining D&M items:

- g) Survey for the *Lysimachia quadrifolia* (whorled loosestrife) performed by a certified botanist to identify the aerial extent of coverage of its specific location(s) at the site that would be impacted and includes plans for relocation of the whorled loosestrife to be maintained for the life of the Project if it falls within the disturbance area and post-construction monitoring reports for the transplanted whorled loosestrife for a period of two years;

Attached as Exhibit B is the survey for whorled loosestrife.

- h) Final Spill Prevention and Response Plan with contractor information and appropriate reporting forms;

Attached as Exhibit C is the final Spill Prevention Response Plan with reporting forms:

1. The DEEP construction general permit address spill response during construction.
2. A contractor has not been selected for the site or electrical work, record keeping will progress as contractor selection occurs.
3. The only oil filled piece of equipment is the projects main transformer, and the cut sheet for the equipment is attached to the plan

- i) Final Determination of No Hazard from the Federal Aviation Administration for the facility;

Attached as Exhibit D is the FAA no Hazard Determination

- j) Final structural design for the racking system stamped by a Professional Engineer duly licensed in the State of Connecticut;

Attached as Exhibit E are the structural racking design documents for both the screw and ballast portion of the site. This design is ongoing and will

- k) Agricultural activity plan for the site, if an agricultural activity is implemented, with a document that shall indemnify and hold harmless the Council, its agents, representatives and employees from any and all losses, claims, actions, costs and expenses, judgments, subrogations, or other damages resulting from any injury to a person or to property arising out of the presence of third-parties within the fenced solar facility site; and

No Agricultural activities are planned for the site.

- l) Passing Toxicity Characteristic Leaching Procedure (TCLP) test result for the selected solar panels.

Attached as Exhibit F are the structural racking design documents for both the screw and ballast portion of the site.