

# Requirements for installing photovoltaic panels on wetland water surfaces



## Overview

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This document provides a suggested approach for evaluating projects for WCA compliance when they involve the installation of solar panels on posts/pilings. requirements are listed on BWSR's website as a "Habitat Friendly Solar" project. to help energy developers make informed decisions on siting solar farms as it relates to environmental concerns, including wetland resources. 40: Wetlands Protection Act ("Act") and 310 CMR 10. MGL. A proposed solar panel farm must utilize E&S BMPs that are applicable to the size and scope of the project, which can be found in DEP's Erosion and Sediment Pollution Control Program Manual (E&S Manual) or on DEP's website (Alternative E&S and PCSM BMPs). It is not intended. Ground surface between and under panels proposed and maintained to allow recharge and attenuate pollutants, i. grass not gravel (Cook & McCuen). Time of concentration decreases due to panels. Individual photovoltaic panels within the PVS are arranged.

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### MassDEP Wetlands Program Policy 17-1: Photovoltaic System Solar ...

Solar arrays are a key part of renewable energy in Massachusetts. This policy describes how MassDEP reviews solar-array projects that may impact wetland areas.

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### BWSR guidance makes solar projects more wetland-friendly

The Aurora Solar Power Plant's Eastwood site near Mankato, seen during a September 2020 tour, illustrates how solar panels are mounted on posts, and how vegetation growing underneath the ...



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### Application for installing photovoltaic panels on wetland water ...

Floating photovoltaic solar energy installations (FPVs) represent a new type of water surface use, potentially sparing land needed for agriculture and conservation.

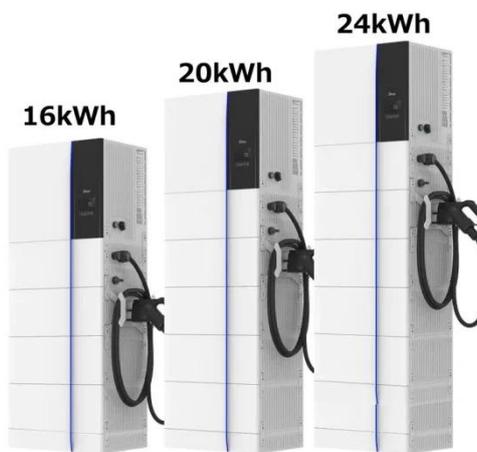


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## Navigating Wetlands and Their

## Impact on Utility-Scale Solar Design

First up, we need to consider any flood zones or wetlands to determine if there are regions of the site which will need to be excluded from the available area for modules and equipment. Learn ...



## Wetlands Protection Act and Section 401 Permitting Process

Solar projects are required to meet the general performance standards for work within wetland resource areas and should be sited outside of wetland resource areas whenever possible.

## NJDEP, Watershed & Land Management , Solar Installations

The above tabs provide additional information on permit requirements relating to solar panel projects. For impacts to streams, rivers, lakes, ponds, flood plains, flood ways, riparian zones, ...



## General Use Template (Blue Header)

Rather than simply treat all solar panel installations on posts/pilings that encroach into wetlands as a wetland



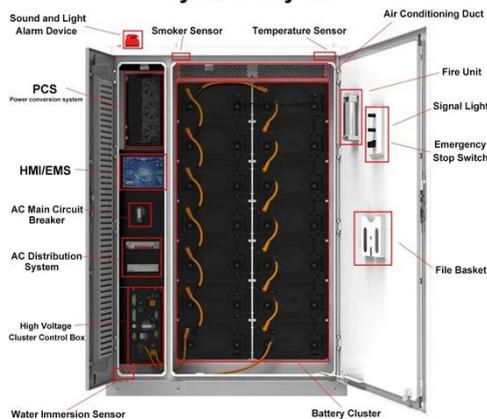
impact, the WCA program focus on whether or not the panel arrays result in a significant ...

**Fact sheet on stormwater guidance for solar farm projects**

This webpage contains a more thorough breakdown and explanation of the methodology and guidelines that are recommended for solar panel projects. Additionally, there are examples to help demonstrate ...



**System Layout**



**Solar Panel Farms FAQ**

FAQ #4: What are the PCSM requirements for a solar panel farm? All solar panel farm projects need to have some consideration of the impact that their project will have on stormwater runoff. The goal is to ...

**RHODE ISLAND EPARTMENT OF ENVIRONMENTAL ...**

When proposing solar arrays adjacent to Freshwater Wetlands, panels should be designed so they will not be shaded

(now or in the future) by trees located in freshwater wetlands or buffers, especially on ...



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