



CITY OF CONCORD
New Hampshire's Main Street™
Community Development Department
Code Administration

David V. Hall
Code Administrator

Solar Arrays & Energy Storage Systems

Permit Application:

You can apply for a solar permit at the City of Concord's website:

https://egselfservice.concordnh.gov/EnerGov_Prod/SelfService#/home

Click the "Apply" button and search for "Solar Arrays & Energy Storage Systems".

Requirements for all Equipment

1. Wiring (one-line) diagram showing all equipment and wiring and devices.
2. Data sheets for all equipment: modules/panels, inverters, micro inverters, conditioners, panels, combiner boxes, disconnects, et cetera.

Requirements for Roof Mounted Equipment

1. Array layout showing access pathways and ridge pathways as required by code.
2. Verification that the roof structure will support the added load of the equipment. This will be a report by a NH licensed engineer showing that the roof is capable of supporting the added loads, or a description of what reinforcements are required.
3. Data sheets for the racking system.

Requirements for Ground Mounted Equipment

1. A plot plan showing the location of the array, with distances to front, side and rear setbacks. The location will need to comply with City zoning regulations.
2. The tallest height of the array or equipment.
3. Foundation and anchoring information such as:
 - a. Concrete piers
 - b. Screw-in metal anchors
 - c. Ballasts, dimensions and weight
 - d. For "trackers" we will need foundation and mast plans.

Installation Personnel:

Only licensed NH Master electricians, Journeyman and Apprentices are allowed to perform electrical installations, including the rail system. All individuals must provide proof of licensure at time of inspection.

Required Inspections:

1. Rough inspection of the rail system or structure.
2. A final inspection with a licensed electrician.