

PERMIT APPLICATION

NY State Unified Solar Permit

Unified solar permitting is available statewide for eligible solar photovoltaic (PV) installations. Municipal authorities that adopt the unified permit streamline their process while providing consistent and thorough review of solar PV permitting applications and installations. Upon approval of this application and supporting documentation, the authority having jurisdiction (AHJ) will issue a building and/or electrical permit for the solar PV installation described herein.

PROJECT ELIGIBILITY FOR UNIFIED PERMITTING PROCESS

By submitting this application, the applicant attests that the proposed project meets the established eligibility criteria for the unified permitting process (subject to verification by the AHJ). The proposed solar PV system installation:

- Yes No 1. Has a rated DC capacity of 25 kW or less.
- Yes No 2. Is not subject to review by an Architectural or Historical Review Board.
(If review has already been issued answer YES and attach a copy)
- Yes No 3. Does not need a zoning variance or special use permit.
(If variance or permit has already been issued answer YES and attach a copy)
- Yes No 4. Is mounted on a permitted roof structure, on a legal accessory structure, or ground mounted on the applicant's property. If on a legal accessory structure, a diagram showing existing electrical connection to structure is attached.
- Yes No 5. The Solar Installation Contractor complies with all licensing and other requirements of the jurisdiction and the State.
- Yes No 6. If the structure is a sloped roof, solar panels are mounted parallel to the roof surface.

For solar PV systems not meeting these eligibility criteria, the applicant is not eligible for the Unified Solar Permit and must submit conventional permit applications. Permit applications may be downloaded here: www.vchamplain.com/vchamplain under Code Enforcement or obtained in person at the Village of Champlain, 1104 Rt. 9, Champlain, NY during business hours Monday-Friday 7:30 am-4 p.m.

SUBMITTAL INSTRUCTIONS

For projects meeting the eligibility criteria, this application and the following attachments will constitute the Unified Solar Permitting package.

- This application form, with all fields completed and bearing relevant signatures.
- Permitting fee of \$25 payable by cash or check made payable to the Village of Champlain.
- Required Construction Documents for the solar PV system type being installed, including required attachments.

Completed permit applications can be submitted to mike@vchamplain.com or in person at the Village of Champlain, 1104 Rt. 9, Champlain, NY 12919 during business hours of Mon-Fri 7:30 a.m. - 4 p.m.

APPLICATION REVIEW TIMELINE

Permit determinations will be issued within 10 calendar days upon receipt of complete and accurate applications. The municipality will provide feedback within 10 calendar days of receiving incomplete or inaccurate applications.

FOR FURTHER INFORMATION

Questions about this permitting process may be directed to Codes Officer Michael Tetreault at 518-298-4152.

PROPERTY OWNER

Property Owner's First Name Last Name Title

Property Address

City State Zip

Section Block Lot Number

EXISTING USE

Single Family 2-4 Family Commercial Other

PROVIDE THE TOTAL SYSTEM CAPACITY RATING (SUM OF ALL PANELS)

Solar PV System: _____ kW DC

SELECT SYSTEM CONFIGURATION

Make sure your selection matches the Construction Documents included with this application.

SOLAR INSTALLATION CONTRACTOR

Supply side connection with microinverters
 Supply side connection with DC optimizers
 Supply side connection with string inverter
 Load side connection with DC optimizers
 Load side connection with microinverters
 Load side connection with string inverter

Contractor Business Name

Contractor Business Address City State Zip

Contractor Contact Name Phone Number

Contractor License Number(s) Contractor Email

Electrician Business Name

Electrician Business Address City State Zip

Electrician Contact Name Phone Number

Electrician License Number(s) Electrician Email

Please sign below to affirm that all answers are correct and that you have met all the conditions and requirements to submit a unified solar permit.

Property Owner's Signature

Date

Solar Installation Company Representative Signature

Date

SUBMITTAL REQUIREMENTS SOLAR PV 25KW OR LESS (ATTACHMENTS)

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This information bulletin is published to guide applicants through the unified solar PV permitting process for solar photovoltaic (PV) projects 25 kW in size or smaller. This bulletin provides information about submittal requirements for plan review, required fees, and inspections.

Note: Language in [ALL CAPS] below indicates where local jurisdictions need to provide information specific to the jurisdiction. Language in italics indicates explanatory notes from the authors of this document that may be deleted from the distributed version.

PERMITS AND APPROVALS REQUIRED

The following permits are required to install a solar PV system with a nameplate DC power output of 25 kW or less:

- a) Unified Solar Permit
- b) Planning review is not required for solar PV installations of this size.
- c) Fire Department approval is not required for solar PV installations of this size.

SUBMITTAL REQUIREMENTS

In order to submit a complete permit application for a new solar PV system, the applicant must include:

- a) Completed Standard Permit Application form which includes confirmed eligibility for the Unified Solar Permitting process. This permit application form can be downloaded at <http://www.vchamplain.com/VChamplain>.
- b) Construction Documents, with listed attachments. Samples are available in Understanding Solar PV Permitting and Inspecting in NYS at www.vchamplain.com/vchamplain. Construction documents must be by stamped and signed by a New York State Registered Architect or New York State Licensed Professional Engineer.

The Village of Champlain, through adopting the Unified Solar Permitting process, requires contractors to provide construction documents, such as the examples included in the Understanding Solar PV Permitting and Inspecting in New York State document. Should the applicant wish to submit Construction Documents in another format, ensure that the submittal includes the following information:

- Manufacturer/model number/quantity of solar PV modules and inverter(s).
- String configuration for solar PV array, clearly indicating the number of modules in series and strings in parallel (if applicable).
- Combiner boxes: Manufacturer, model number, NEMA rating.
- From array to the point of interconnection with existing (or new) electrical distribution equipment: identification of all raceways (conduit, boxes, fittings, etc.), conductors and cable assemblies, including size and type of raceways, conductors, and cable assemblies.
- Sizing and location of the EGC (equipment grounding conductor).
- Sizing and location of GEC (grounding electrode conductor, if applicable).
- Disconnecting means of both AC and DC including indication of voltage, ampere, and NEMA rating.
- Interconnection type/location (supply side or load side connection)
- For supply side connections only, indication that breaker or disconnect meets or exceeds available utility fault current rating kAIC (amps interrupting capacity in thousands).
- Ratings of service entrance conductors (size insulation type AL or CU), proposed service disconnect, and overcurrent protection device for new supply side connected solar PV system (reference NEC 230.82, 230.70).
- Rapid shutdown device location/method and relevant labeling.

