

	<h1 style="text-align: center;">CITY OF OCEANSIDE</h1> <p>Building Division 300 N Coast Highway Oceanside, CA 92054 760-435-3950 www.ci.oceanside.ca.us</p>	<p style="text-align: center;">Codes 2022</p> <p style="text-align: center;">1/1/23-12/31/25 <i>Effective Date</i></p>
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Expedited Solar Submittal Requirements

The City of Oceanside performs expedited reviews of solar photovoltaic (PV) projects 10 kW in size or smaller installed on One and Two-Family Dwellings.

Projects that include an energy storage system do not currently qualify for an expedited review and may take up to 7 calendar days.

The application and plans are required to be submitted digitally through our online [ETRAKIT PORTAL](#).

To obtain an expedited plan review, please use method 1 or 2.

- **Method 1. SolarAPP+**

- Provide an application, an approved SolarAPP+ (<https://solarapp.nrel.gov/>) approved plan/document and payment through the [ETRAKIT PORTAL](#).
- The document will receive a review by either plan check staff as the permit is issued or by field inspection staff on the day of the inspection.
- The permit will be issued via ETRAKIT and you will receive a notification of issuance.

- **Method 2. Provide construction documents with the following information.**

- Provide an application, a plan with the following information and payment through the [ETRAKIT PORTAL](#). The document will receive a review by either plan check staff within by the next business day. You will be notified when the plan review is completed and permit issued.
- All drawings are required to have the name and signature of the plan preparer.
- Provide a digitally submitted plan based off of 11" X 17" Minimum size plan drawings.
- Include all documents as a single PDF drawing. Number all sheets. Verify the PDF is legible.
- Provide the site address, contractors information, owners information, size of the system, module information, inverter information and a sheet index.
- Indicate if there is a proposed meter upgrade. All projects that include service upgrades must have and provide an SDG&E Service Upgrade Work Order with the location diagrammed prior to permit issuance.
- Indicate if the home has fire sprinklers. Provide a calculation showing the total module coverage of the roof as a percentage of the entire roof.
- Provide a plot plan showing the location on the property of the PV array in relationship to the property lot lines with required setbacks dimensions and location of all disconnects (amps), inverter (make and size) and existing electrical meter(s) (service size).



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- Show and dimension the required fire access pathways on the structure.
 - Show the location and provide a pictogram of the required signage.
 - Specify all conduit size, location (inside and outside the building), conductor type and AWG.
 - Provide details for all roof mounted solar panel support and attachment. Specify roof dead load (PSF) and wind uplift values. Provide documentation that the proposed racking system is compatible with the proposed PV modules in compliance with UL2703. Structural analysis is required if the dead load of the arrays exceed five (5) pounds per square foot.
 - Provide details identifying the method of flashing and sealing of the roof penetrations.
 - Provide a “PV System Electrical Diagram” also known as a single line diagram showing the number and power of PV panels with voltage and kilowatt outage ratings, the size of the existing and or proposed main service electrical panel bussing and main breaker size in amperes, and size of PV circuit breaker in amperes. Show any proposed sub panels.
 - Provide a calculation showing compliance for the minimum bus bar rating.
 - Indicate the location of the PV breaker on the bussing.
- **INSPECTIONS**
 - Inspections can be scheduled through the [ETRAKIT PORTAL](#) and are performed the following business day when entered by 3:30 the previous business day.
 - The plans, permit and installation instructions are always required to be on site at the time of the inspection and field installations shall be per code/plan. Changes shall be submitted to the City of Oceanside Building Division for approval prior to inspection using a [REVISION FORM](#) and a complete revised set of plans.
 - The installer shall have a ladder and be on site at the time of inspection. The ladder shall extend 36” above the roof and the ladder must be secured at roof.
 - All equipment shall be open and ready for inspection.
 - Be ready as the inspector arrives. A window of an estimated time of arrival can be seen on the ETRAKIT PORTAL.
 - Reinspection fees will apply on projects that are not ready at the time of inspection.