



TOWN OF CARBONDALE  
511 COLORADO AVENUE  
CARBONDALE, CO 81623  
(970) 963-2733

## Requirements for Solar Installations

Solar Permit fee for either system is a flat rate of \$100.00. Fees associated with plumbing and mechanical permits will be assessed per the adopted fee schedule. Fees for the electrical are regulated by the state.

The Town Use Tax is applicable for either system, 3.5% of ½ the valuation, due at time of permit issuance. **If solar is for a new home that is required to have solar the use tax has already been included with the building permit, therefore it will not be added to a solar permit.**

A contractor's license (Solar) in the Town is required AND a STATE OF COLORADO SOLAR LICENSE.

### PhotoVoltaic (PV) Systems -

Solar Permit Required by the Town of Carbondale

**Electrical Permit Required by the Colorado State Electrical Board, (303) 869-3458**

Requirements for Solar Permit

- 1) Applicant to be certified by COSEIA or NABCEP AND licensed with the STATE OF COLORADO.
- 2) Site Plan – Show location of home on lot and location of panels. Ground mounted to show property lines and setbacks.
- 3) Specification Sheets on panels, racking system, roof fastening system. Information on snow load and wind loading required.
- 4) Provide layout/location of all the racking and location of the roof fastening.
- 5) Provide one-line drawings of the electrical for reference.
- 6) "Flush" mounted OEM Racking does not require an engineer stamp. "Tilt" mounted systems require a Colorado Licensed Engineer to design and stamp the drawings. The rail company is allowed to submit drawings for a tilt racking system, the snow and wind loading is required to be addressed.
- 7) On new homes the array size is based on the REBP Checklist or the HERS Report, whichever is requiring the larger system.
- 8) **INTERCONNECT AGREEMENT WITH XCEL/HOLY CROSS required at time of submittal.**

### Thermal (Hot Water) Systems

Solar Permit and Mechanical/Plumbing Permits required by the Town of Carbondale

If the system is tied to the domestic hot water system a plumbing permit is required. This permit requires a Colorado State Licensed plumber to apply for the permit.

If the system is to supplement the heat system, a mechanical permit is required. This permit requires the applicant to be a licensed in the Town as a mechanical contractor.

Requirements for Solar Permit

- 1) Site Plan - Show location of home on lot and location of panels. Ground mounted to show property lines and setbacks.
- 2) Specification Sheets on panels and racking system. Information on snow load and wind loading required.
- 3) A Colorado Licensed Structural Engineer is required to analyze the roof structure/racking system to verify wind loads, live loads and connections and met. Supply stamped letter and/or drawings.

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