

The City Of Rockwall Solar Permit Requirements

Solar panel permit for review by the City

1. Complete and submit a permit application. A licensed electrician will be required to pull the permit.
2. Submit a site plan (a survey plat is required) showing the proposed location of the solar panel with respect to the property lines, easements and house.
3. Please see the Solar Panel installation guide for material and installation requirements.
4. The permit fee: .65 per sq. ft.



Panels must be installed flat on a pitched roof and aligned with the roof natural edges.

Plan requirements

When equipment is installed on an existing structure, include a letter from a structural engineer indicating that the existing structure is sufficient to support the new loads associated with the additional weight and wind resistance (minimum 115 mph wind speed design).

Structural plans designed and sealed by a Texas Professional Engineer for securing the panels to the existing structure or to a new foundation or structure shall be submitted.

Electrical solar panel work shall comply with NEC Article 690, and the panel shall comply with UL Standard 1703.

At minimum, the following shall be indicated on the plans (including a site or roof plan) to be confirmed during inspection:

- *Panel Layout
- *Mounting Structure & Anchors
- *Roof Penetrations
- *Grounding Points
- *Conductor Insulation Type
- *Over Current Protection
- *Charge Controllers
- *Disconnect Size & Type
- *Inverter Size & Type
- Battery size & type

REQUIRED INSPECTIONS:

1. **Rough Inspection:** Crew on site installation in process: Listing verified, setbacks verified, license check,
2. **Final Inspection**

SB 1202 Procedures for Third-Party Plan Reviews and Inspections for Residential power to a one-or two- family dwelling Only in accordance with Texas Local Government Code Chapter 247

When a customer chooses to use a qualified third party under SB 1202, we issue a permit at no charge. The process is handled in one of the following three ways:

1. **Third-Party Review and Inspection:** The customer submits plans reviewed by a qualified third party and completes our permit application. Upon project completion, the customer submits an approved inspection letter confirming the work meets all SB 1202 requirements.
2. **Third-Party Review with City Inspection:** The customer submits plans reviewed by a qualified third party and completes our permit application. Upon project completion, the City performs the electrical inspection and assesses a minimum fee of \$75.
3. **Electrical Release Only:** If the customer meets all requirements but requires a City-issued electrical release for a provider meter disconnect/reconnect, an electrical permit is required, and a minimum inspection fee of \$75 will be charged

Please keep the manufacturer's installation manual and the permit drawings must be on the jobsite at all times during the inspection process. The inspection requirements for residential solar panels will be based on the approved plans, the manufacturer's installation manual, and the 2021 NEC, whichever is more restrictive. Applicant shall provide access for inspectors to review the installation.

