



SB 1202 Solar PV System Submission Checklist

For contractors electing to proceed under the provisions of Senate Bill 1202 pertaining to third-party review and inspection of “home backup power installations,” the following checklist is provided to satisfy the requirements set forth in Section 247.002(c)(1)–(2). All others may follow the currently established submission and inspection procedures.

Fees: Pursuant to §247.003, the required \$235 (+\$10 tech fee) permit fee does not include review or inspection

Local Adopted Codes:

- 2023 NEC
- 2024 International Residential Code
- 2024 International Fire Code

Subject Installation:

- Does the project qualify as a “home backup power installation”: an electric generating facility, energy storage facility, standby system, or associated infrastructure supplying power to a single- or two-family dwelling, connected at 600 volts or less?

Eligibility for Third-Party Review & Inspection:

- The third party (e.g., a licensed engineer, master electrician, or employee of another political subdivision approved by the regulatory authority) is duly authorized under §247.002(a) (for document review) or §247.002(b) (for inspections)

Plan Requirements: Pursuant to §247.004(b), and submitted by a duly authorized 3rd party reviewer qualified under §247.002(a), the following documents are hereby required to be submitted to the City of Harker Heights:

Electrical Application	Three Line Diagram
Approval**, Project Details	Conductor Calculations
Site Plan	Material List
Roof Plan with Module and Fire Setback Layout	System Required Labels
Array Details	Site Placard
Mounting Details	Manufacturer Specification Sheets
Structural letter verifying the additional roof loads	Plans must bear the designers’ stamp and signature

****Approval will be in the form of a dated, stamped engineered plan or a signed letter of acceptance.**

Permit Issuance: Work may not begin until the Authority Having Jurisdiction has issued an approval of the project pursuant to §247.0025, and fees have been paid.

Permit Closing: Permits will be closed once the inspection report is submitted by a duly authorized third-party inspector, qualified under §247.002(b), in accordance with §247.004(a)(2), including statements and photos confirming compliance with the following minimum requirements. (Reports provided to the city no later than the 15th day after completion of the review or the inspection)

Array installed per approved plans.	Rapid shutdown system installed and tested per NEC 690.12.
Mounting system and flashing installed per manufacturer’s instructions. (<i>IRC 329.3.1, IRC R907.1</i>)	Proper labeling per NEC 690.12, 690.56, 705.10., 705.12 (b)
Roof penetrations sealed/weatherproofed. (<i>IRC R904.1, Manufacturer instructions</i>)	Disconnects are accessible and properly marked. (<i>NEC 690 Part III</i>)
Proper conductor sizing and protection per NEC. (<i>NEC 690.8, 300, 310</i>)	Backfeed breaker located at opposite end of bus per NEC 705.12(B)(3). (If applicable)
Grounding and bonding per NEC 690 part V and 250.50.	Equipment proposed matches submitted plans and is installed accordingly. (<i>NEC 110.3(B)</i>)

****The inspection report shall be dated, stamped by the engineer, or signed by the Master Electrician.**



SB 1202 Generator Submission Checklist

For contractors electing to proceed under the provisions of Senate Bill 1202 pertaining to third-party review and inspection of “home backup power installations,” the following checklist is provided to satisfy the requirements set forth in Section 247.002(c)(1)–(2). All others may follow the currently established submission and inspection procedures.

Local Adopted Codes:

- 2023 NEC
- 2024 International Residential Code
- 2024 International Fire Code

Fees: Pursuant to §247.003, the required \$35 permit (+\$10 tech) fee does not include review or inspection.

Subject Installation:

- Does the project qualify as a “home backup power installation”: an electric generating facility, energy storage facility, standby system, or associated infrastructure supplying power to a single- or two-family dwelling, connected at 600 volts or less?

Eligibility for Third-Party Review & Inspection:

- The third party (e.g., a licensed engineer, or employee of another political subdivision approved by the regulatory authority) is duly authorized under §247.002(a) (for document review) or §247.002(b) (for inspections)

Plan Requirements:

- Pursuant to §247.004(b), and submitted by a duly authorized 3rd party reviewer qualified under §247.002(a), the following documents are hereby required to be submitted to the City of Harker Heights:

Electrical , and Plumbing Application	Conductor Calculations
Approval** / Project Details	Remote Emergency shutdown, >15KW
Site Plan	System Required Labels
Electric One Line Diagram, signed by Master Electrician	Manufacturer Specification Sheets
Plumbing One Line of proposed gas supply, signed by Master Plumber	

****Approval will be in the form of a dated, stamped engineered plan or a signed letter of acceptance.**

Permit Issuance: Work may not begin until the Authority Having Jurisdiction has issued an approval of the project pursuant to §247.0025(e)(f), and fees have been paid.

Permit Closing: Permits will be closed once the inspection report and photos are submitted by a duly authorized third-party inspector, qualified under §247.002(b), in accordance with §247.004(a)(2), including an inspection report** and photos verifying compliance with the following minimum requirements. (Reports provided to the city no later than the 15th day after completion of the review or the inspection)

Generator is installed per approved plans.	Transfer Switch NEC 702 provisions, Manual & Automatic
Proper conductor sizing and OCPD per NEC 445.13	Proper labeling per NEC 445.11
Disconnecting Means and Emergency Shutdown NEC445.18	Gas Pressure Test performed by Licensed TSPBE Inspector IRC G2417.1.3
Grounding and bonding per NEC 250	Gas Line Installation Standards IRC Chapter 24
Remote Emergency shutdown, >15KW NEC Article 445	Equipment proposed matches submitted plans and is installed accordingly. NEC 110.3(B), IRC 330.3

****The inspection report shall be dated, stamped by the engineer, or signed by the Master Electrician.**



SB 1202 Energy Storage System Submission Checklist

For contractors electing to proceed under the provisions of Senate Bill 1202 pertaining to third-party review and inspection of “home backup power installations,” the following checklist is provided to satisfy the requirements set forth in Section 247.002(c)(1)–(2). All others may follow the currently established submission and inspection procedures.

Local Adopted Codes:

- 2023 NEC
- 2024 International Residential Code
- 2024 International Fire Code

Fees: Pursuant to §247.003, the required \$35 (+\$10 tech fee) permit fee does not include review or inspection.

Subject Installation:

- Does the project qualify as a “home backup power installation”: an electric generating facility, energy storage facility, standby system, or associated infrastructure supplying power to a single- or two-family dwelling, connected at 600 volts or less?

Eligibility for Third-Party Review & Inspection:

- The third party (e.g., a licensed engineer, master electrician, or employee of another political subdivision approved by the regulatory authority) is duly authorized under §247.002(a) (for document review) or §247.002(b) (for inspections)

Plan Requirements: Pursuant to §247.004(b), and submitted by a duly authorized 3rd party reviewer qualified under §247.002(a), the following documents are hereby required to be submitted to the City of Harker Heights:

Electrical Application	One Line Diagram
Approval ** / Project Details	Conductor Calculations
Site Plan	Material List
Module Layout, Size Limitation Based on Location and Type	System Required Labels
Mounting Details per IFC	Site Placard
Fire Detection & Separation Requirements for Indoor Installations	Manufacturer Specification Sheets

****Approval will be in the form of a dated, stamped engineered plan or a signed letter of acceptance.**

Permit Issuance: Work may not begin until the Authority Having Jurisdiction has issued an approval of the project pursuant to §247.0025(e)(f), and fees have been paid.

Permit Closing: Permits will be closed once the inspection report is submitted by a duly authorized third-party inspector, qualified under §247.002(b), in accordance with §247.004(a)(2), including an inspection report** and photos verifying compliance with the following minimum requirements. **(Separate report from PV system is required) (Reports provided to the city no later than the 15th day after completion of the review or the inspection)**

ESS is installed per approved plans and adopted codes.	Remote Actuation NEC Article 706
Fire Detection IFC 1207, IRC 330	Transfer Switch NEC 702 provisions, Manual & Automatic
Protection from impact IRC 330.8, ventilation IRC 330.9 for installations 330.4	Proper labeling per NEC 706.21. Disconnects are accessible and properly marked. NEC 706.15
Proper conductor sizing and protection per NEC 706.30, 706.31	Backfeed breaker located at opposite end of bus per NEC 705.12(B). (If applicable)
Grounding and bonding per NEC Article 690 and 250.50.	Equipment proposed matches submitted plans and is installed accordingly. NEC 110.3(B), IRC330.3

****The inspection report shall be dated, stamped by the engineer, or signed by the Master Electrician.**