

Solar PV Permit Application



Project Information

Contact Name

Date

RPV #

Phone

Total Valuation

Electrical Valuation

Permit Type

Commercial

Residential

E-mail

Comments:

Site Address:

State License #

**List name/manufacturer/model/ratings of all modules, inverters and combiner boxes in comments box

Size of System (kW):

Mounted To:

Located on:

Type Of System:

Roof

Primary Structure

A/C Module

Ground

Accessory Structure

Micro-Inverter

Standard String

Required Information

Site plan showing location of major components on the property. This drawing need not be exactly to scale, but it should represent relative location of components at site (see supplied example site plan).

Electrical diagram showing PV array configuration, wiring system, over current protection, inverter, disconnects, required labels, and A/C connection to building. See supplied standard electrical diagram on Page 7 of this application.

This permit becomes null and void if work or construction authorized is not commenced within 180 days, or if construction or work is suspended or abandoned for a period of 180 days at any time after work is commenced. I hereby certify that I have read and examined this application and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction and that I make this statement under penalty of perjury.

Signature & Date: _____

Owner

Contractor

Other: _____

RESIDENTIAL - SOLAR PANEL PLAN SUBMITTAL REQUIREMENTS

PLAN SUBMITAL CHECK LIST – The following is a list of items required for residential SOLAR PANEL plan submittal. The Planning Department or the Plans Examiner may require additional information to complete their review. **Please review and check each box indicating its completion and sign the bottom of the page.**

BUILDING PERMIT APPLICATION –online at <https://msd.utah.gov/> or at our office #N3600, 2001 State St, Salt Lake City, UT 84190 **Submit full set of plans** and all required information completed including owner, contractor information.

3. **SITE PLAN (PLOT PLAN):**

- North Arrow
- Location of Home (roof view if desired)
- Location of all PV system components on house and/or property including: Main Meter*, Production Meter*, AC Disconnect*, Module Array(s), Electrical Panel(s), Inverter(s), Pass Through Box(es), etc.

* Must be grouped in area not to exceed 6 feet

4. **ONE-LINE DIAGRAM** showing the following information:

- Type of PV system (single inverter, micro inverter or AC module system)
- Main Meter
- Production Meter
- Disconnect type and rating
- Inverter type and rating
- Number and layout of modules and how they are connected together (in series or in parallel)
- Maximum system KW output
- Labeling diagram and placement
- Types and sizes of electrical wiring and conduit
- Ratings of all fuses or breakers
- Location and size of all grounding

5. **MODULES / INVERTERS / COMBINER BOXES / ROOF SYSTEM:**

- List name/manufacturer/model/ratings of all modules, inverters and combiner boxes
- Provide manufacturer's detailed specification sheets including installation guides for above items
- Please have engineer of record confirm roof is capable of supporting the additional loads from the new solar array.

6. **ELECTRICAL PANEL**

- Provide photo of interconnection panel
- Show any other boxes to be mounted and interconnected to electrical panel

7. **OTHER SYSTEM COMPONENTS**

- Provide information on all other different components to be used in the system, their UL listing and installation information, etc.

8. **SAFETY AND WARNING LABELS:**

- Main meter base and production meter base labeled with permanent, engraved labels; mechanically fastened with rivets, screws, or bolts (not tape), stating "Solar Generation On Site" or equivalent
- Safety Disconnect Switch labeled as above, stating "Solar Power Disconnect" or equivalent
- List specific Warning Labels to be used (show samples)
- Show location(s) where warning labels are to be posted

I hereby acknowledge that I have reviewed the above checklist and have included each required item with my plan submittal.

Project Address: _____

Signature: _____ Printed Name: _____ Date: _____

Company: _____ Phone: _____