

PERMIT SUBMITTAL REQUIREMENTS

Commercial Photovoltaics

General Scope:

Commercial Photovoltaics, Solar Installations

Examples of Types of Work:

Solar Panels

Documents Required

- Completed [Building Permit Application](#) (must include the following):
 - Contact information with **valid email address**
 - **Accurate Job Value** per ICC Building Value Data Table
- Scope of Work** (accurate detail of proposed project)
- Cover Sheet
 - Code summary (include code editions); building features (include type construction, occupancy, height stories, sprinkled, etc.)
 - Project narrative or description
 - Estimated cost of construction
- 3 copies of **Civil Site Plan** must be submitted to Site Development *after* the 1st round of comments to include:
 - Project Address or Parcel Description
 - Locations of proposed structure(s), driveway(s), sidewalk(s), and utilities on site
 - Elevations
 - Distances between proposed structures (s), existing structures, and property lines.
 - Flood Zone identification and flood demarcation line if the property is a mixed region
 - Existing conditions and associated site demolition/improvement plan
 - Easements
 - Site Utility Plan
 - Trees.
 - Location, species, and sizes of all trees.
 - Tree barricade locations and details.
 - Tree mitigation table
- 3 copies of **Construction Plans** meeting plan review requirements
- Current Florida Building code reference
- 3 copies of **Energy Calculations**
- Electrical diagram showing PV array configuration, wiring system, overcurrent protection, inverter disconnect, grounding, required signed and AC connection to building

- Specification sheets with listings of all components, installation manuals (if available) for all manufactured components including, but not limited to, PV modules, inverter(s), combiner box, disconnect, and mounting system.)
- Provide the attachment details, flashing details, construction design for the unit and any supporting frame members (sealed by the appropriate design professional) for the Wind Zone, additional loading, and any site conditions.
- For battery backup systems, include a summary of all standby loads, including power ratings and estimated daily energy consumption for each load to show that inverter and battery selection will meet the standby needs.
- Electrical calculations showing that all wire sizing has been determined with proper ampacity, conduit fill and ambient derating factors.

Manufacturer’s Data:

- Two submittals of technical data on any manufactured system that is integral to the application.

Applicable Codes

2020 Florida Building Codes, 7th Edition

Building

Residential

Existing

Energy Conservation

Mechanical

Plumbing

Accessibility

Fuel Gas

Test Protocols for High-Velocity Hurricane Zones

NEC 2017 – National Electrical Code

2020 Florida Fire Prevention Code, 7th Edition – comprised of NFPA 101, 2018 Edition and NFPA 1, 2018 Edition

Special Conditions:

- **FEMA Substantial Improvement Package.** Required for improvements made to properties located in a Special Flood Hazard Area. [Substantial Improvement Package \(PDF\)](#)

Average Review Time for the month for this work type:

Tutorials, Helpful Videos & Reference Links

PascoGateway Training page: <https://www.pascocountyfl.net/938/PascoGateway-Training>

Documents/Forms/Fees page: <https://www.pascocountyfl.net/867/Documents-Forms-Fees-Codes>

- [Florida Administrative Code](#)
- [Florida Building Code](#)
- [Florida Fire Prevention Code, 5th Edition](#)
- [Florida State Statutes](#)
- [Pasco County Codified Ordinances](#)
- [Pasco County Comprehensive Plan](#)
- [Pasco County Land Development Code](#)

If you need assistance with this Permit application, please contact Building Construction Services (727) 847-8126, or BCScustomerservice@pascocountyfl.net and our staff would be happy to assist you.