

City of Melbourne

900 E. Strawbridge Ave.

Melbourne, FL 32901

Building Division (321) 608-7915 Fax (321) 608-7920

Photovoltaic System Installation Minimum Plan Review Requirements

Two copies of the following documents shall be submitted for review

- Site/Floor plan indicating the locations of all new equipment and existing service equipment
- Roof plan showing the arrangement of solar panels and associated equipment
- Signed and sealed engineering for the solar collectors mounted to roof system showing compliance with the following code articles FBC R M2301.2, FBC R M1307.3, FBC 1609.1.3, FBC 106 for 125 mph wind loads(3 second) or product listing by an OSHA recognized NRTL demonstrating the product has been tested as an assembly to comply with 125 mph wind loads (130 mph barrier island) and applicable exposure category
- Copy of the Florida Solar Energy Center (FSEC) System Approval Certificate Florida State Statute Chapter 377.705(d)
- Submit a one-line diagram of the electrical installation which includes the following information for PV panel layout, PV power source short circuit current rating, conductor sizes and material types, system and equipment grounding, grounding electrode system, overcurrent protection and disconnecting means, inverter location and point of connection to existing electrical system.
- Manufacturers' specification sheets and installation instructions on all components including but not limited to inverter(s), and solar panels which include the dimensions, weight and output voltage and current of each panel.
- Photovoltaic System KW Rating
- Total Area of Solar Panels (FT²)

Residential ground mounted arrays shall comply with Melbourne City Code Article VII, section 1-Accessory Structures.

Solar Contractors may perform work pursuant to FAC section 61G4-15.021 on the PV supply side of the inverter. The interconnection of a PV system that operates parallel with the primary source of electrical energy shall be performed by a licensed Electrical Contractor.