

# Project Profile



## 7006 Space Coast Solar Merritt Island, Florida Kennedy Space Center – Cape Canaveral, FL

### Description of Project

Hypower has completed the 11.4 Megawatts AC Fixed array solar project on NASA property in Florida. Hypower Bid and Built the project, partnering with Florida Power & Light (FPL), the largest solar energy provider in the United States. Hypower installed 35,000 ground mounted PV panels.

### Hypower's scope included

- Installation of medium voltage (15kV), DC and AC systems
- Installation and wiring of 37,664 Solar Panels (SunPower 305w)
- Installation of 15kV switchyards and FPL interconnect.

**Complexities:** MV and DC trenches were situated in narrow trenching lanes between solar arrays which required detailed trench plans and expert equipment operators.

**Success:** Installed 40,000 ft of direct buried DC cable without a single fault upon energization. Successfully built the second largest solar installation in the state of Florida.

**Challenges:** Installed 10,000 linear ft of DC and MV trenches with a water table that ranged from 18" to 24".

### Installation included

- Combiner boxes
- Recombiner boxes
- Inverter
- Panel Installation (35,000 PV panels)
- AC/DC wiring and associated trenching
- Predicted annual output = 18,000,000 KWh

### Our Role - Bid Build

**Subcontractors:** Medium Voltage Trenching, Medium voltage testing.

**Duration:** 7 Months – Completed 05/31/2010

