



# COMMERCIAL 3-PHASE STRING INVERTER STARTUP SERVICES

## PRODUCTS

- PVI 14-20TL
- PVI 23-36TL
- PVI 50-60TL

## SERVICES

- Basic visual mechanical and electrical inspection of each inverter
- Date and time verification
- Verify inverter firmware(s) are at the latest version and update if necessary
- Verify proper VAC and VDC magnitude and polarity at inverter
- Verify correct MPPT configuration
- Verify correct monitoring configuration and communication (if applicable)
- 30 min power run of inverters
- Clear error history
- Record all serial numbers and site nomenclature
- Perform any mandatory product updates
- Note any additional issues with site

**Note:** Yaskawa - Solectria Solar does not inspect customer connections for appropriate sizing or for appropriate torque. These connections are the responsibility of the customer. Any issues resulting from improper customer connections or torque will not be covered by the warranty.

## SCHEDULING

- After sending a PO for startup services, please contact the Technical Support and Service Team at 978-683-9700 x2 at least 3 weeks prior to the requested date of service.
- Full DC and AC must be available to the unit on the start day. Startup services cannot be performed if the AC is being supplied by a generator and not by the intended utility.
- We require 7 days cancellation notice, and in the case of cancellation we reserve the right to reschedule the startup services up to 3 weeks later.
- If we arrive onsite and the unit is not ready for us to perform startup services, a flat rate of \$1,500 per day per technician will be billed.



# COMMERCIAL 3-PHASE CENTRAL INVERTER STARTUP SERVICES

## PRODUCTS

- PVI 50-100KW
- SGI 225-500PE
- SGI 500XT
- SGI 500/750XTM

## SERVICES

- Basic visual mechanical and electrical inspection of the unit
- Take pictures documenting the installation
- Check that the date and time were set correctly
- Verify that there are no ground fault conditions
- Verify string or subcombiner polarity and open circuit voltages
- Verify that the starter position in the subcombiner is populated (if applicable)
- Verify inverter firmware is at the latest version and update if necessary
- Verify SolrenView firmware is at the latest version and update if necessary
- Verify AC and DC calibrations (if firmware has been updated)
- Verify proper AC phase rotation
- Verify unit premags properly (if applicable)
- Verify unit connects to the grid and runs correctly
- Verify output PF
- Record a power run record of at least 30 minutes
- Thermal scan of the unit and components
- Verify SolrenView data monitoring is communicating properly (if customer has purchased SolrenView)
- Clear the event and error log
- Note any issues with the installation

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## SCHEDULING

- After sending a PO for startup services, please contact the Technical Support and Service Team at 978-683-9700 x2 at least 3 weeks prior to the requested date of service.
- Full DC and AC must be available to the unit on the start day. Startup services cannot be performed if the AC is being supplied by a generator and not by the intended utility.
- We require 7 days cancellation notice, and in the case of cancellation we reserve the right to reschedule the startup services up to 3 weeks later.
- If we arrive onsite and the unit is not ready for us to perform startup services, a flat rate of \$1,500 per day per technician will be billed.