Typical Internal Circuit Diagram for Solectria SGI 750XTM Grid-Tied Inverters

- DC Feed (PV Array)
- Inverter Enclosure
- DC Subcombiner (Fuses or Breakers)
- 16 Position Max
- DC Disconnect (Manually Switched)
- DC Contactors (Inverter Controlled)
- Residual Current Monitor Option
- GFDI Breaker
- 250 kVA Power Stage
- LC Filter
- Integrated Disconnect / OCPD Option
- AC Breaker
- Shunt Trip Option
- Utility Grade Protective Relay
- Customer Supplied Secondary Protection (Site Plan Dependent)
- Customer Supplied Transformer (See Isolation Transformer Spec. DOCR-070354)
- MV Class Transformer
- 380V Delta or Floating Wye Primary
- MV Secondary
- PCC
- L1 L2 L3
- Primary Secondary

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REV EC # DESCRIPTION DRAWN DATE
A 1019 INITIAL RELEASE JFILLION 11/14/2014

REVISIONS
DOCR-070492

TYPICAL INTERNAL CIRCUIT DIAGRAM FOR SOLECTRIA SGI 750XTM GRID-TIED INVERTERS

SOLECTRIA ELECTRIC

J. FILLION 11-14-14