

SCADA COMMUNICATION PROTOCOLS

(electrical subsystems)

1. SCADA – GLV
 - a. I2C : (in) Temperature Sensor
 - b. I2C : (in) Voltage Sensor(s)
 - c. I2C : (in) Current Sensor(s)
 - d. I2C : (in) Power Sensor
 - e. GPIO : (in) GLV Fault1
 - f. GPIO : (in) GLV Fault2
 - g. GPIO : (out) SCADA Safety Loop Relay
 - h. CAN : (intermediate) passes all can messages to SCADA
2. SCADA – TSI
 - a. CAN : (in) all Sensors
 - b. CAN : (out) COOLING enable/disable
 - c. CAN : (out) configuration parameters
3. SCADA – TSV
 - a. CAN : (in) all Sensors
 - b. CAN : (out) configuration parameters