# SoLID Magnet Controls System Meeting Minutes

**Date:** November 9, 2022
**Time:** 11:00 – 12:00

*Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Steven Lassiter, and Marc McMullen*

1. **Power Supply monitoring**
   *Pablo Campero*
   1. Added analog and digital signals to PLC program
      - Power supply voltage output
      - Power supply power status
   2. Modified *Solenoid PSU* (100 A Test Version) HMI screen
      - Added indicators to monitor power supply output voltage and current
      - Added LED indicator to show power supply power status
   3. Received power supply connector and installed
      - The screw terminals are on the bottom of the connector as it is installed, but shouldn't effect functionality
      - Pinout to fabricate cable in progress

2. **PLC and EPICS data transfer**
   *Pablo Campero*
   1. Confirmed that the KepServerEX software license in use by Hall C cannot be used in another computer server
      - Software allows transfer of data between PLC controller and EPICS
   2. In August, 2018, the KPSERVER Enterprise ESD software was suggested and sold to Jefferson Lab (Requester: Steven Lassiter) as an option to transfer PLC tags to EPICS and vice-versa, but based on the Rockwell articles/notes and experience the software to make this possible should be KepServerEX
   3. Contacted Mike Cole (ECCO Vendor) to find a solution for this matter; awaiting response

3. **Voltage tap cable from voltage tap to resistor box**
   *DSG*
   1. Reviewed connector pinouts for both sides of the cable
   2. Showed specifications of available cable

4. **Turret wiring**
   *Brian Eng and Mindy Leffel*
   1. Completed reconnection of all six connectors at the turret flange
      - Broken wire for a connector was fixed
      - Checked connections