

Meeting Minutes

Date: December 7, 2015 **Time:** 5:15 PM **Location:** BEL 11
Participants: Bruno Loza Khalid Alotaibi Dr. Johnson
 Will Parker Dr. Li

Purpose of meeting: Snapshot day 2 recap, Individual progress updates

Agenda items:

- Black start RTDS
 - Start with simpler model and make more complex in steps
 - Add button logic
- Testing on machine
 - Test field resistance
 - Design of resistance circuit
 - Characterize turn-on time after Button 1 (stopwatch)
- Testing procedures
 - Preferably use inductance and resistance in series with batteries
 - Optional: Just use resistance but don't push machine too hard
 - Create a test procedure to verify with Dr. Johnson
 - Use pictures of components being used
 - Complete before beginning of next semester
 - Start testing after break
- Battery enclosures
 - Check with Backwoods Solar
 - Place in gap past encoder
- Power diode
 - 24-V forward voltage
 - 200-V reverse voltage
- EXPO model
 - Check with professor Hess about small synchronous machine
- Deliverables
 - Logbook, Wiki page, and portfolio due 12/11

Action Items:

- Khalid
 - Battery enclosure
 - Portfolio
 - Next semester meeting time
- Bruno
 - Meeting minutes
 - Updated RTDS model
 - Wiki page

- Will
 - Test procedure

Future Meeting Date: January