

Data Acquisition System for Synchronous Generator Transient Performance

Team name
PREW Generation



Agenda

- 1- Last meeting discussion
- 2- Project status
- 3- Topology of the system



Recap last meeting discussion

- ABB UNITROL 1020
- The range of acceptable sampling rate
- Access to GJ 208 lab
- Documents relevant to the project
- Contact information of Andy Miles and Roge



Status of the Project

- Learning SEL devices 487E, 3530
- Searching for practical and feasible GUI software to monitor the system (ClearView-SCADA, SEL-5078-2 synchroWAVE Central, or OpenPDC)
- Learning about VFD project to measure, torque and speed
- Topology of the system



Team Schedule

	A	B	C	D	E
1	Week	ECE480 Assignment	Leads/Task	Group Task	Notes
2	8/20/2018		Wahab:		
3			Elliott:		
4			Roger:		
5			Preston:		
6	8/27/2018	R: Project Bid Portfolio	Wahab:		
7			Elliott:		
8			Roger:		
9			Preston:		
10	9/3/2018	R: Team Contract	Wahab:		
11			Elliott:		
12			Roger:		
13			Preston: Contract team submission		
14	9/10/2018	T: 1st Instructor Meeting w/ Minutes, R: Draft Budget Estimates	Wahab: GUI software	Topology of the system/ GUI software	
15			Elliott: Research torque calculation		
16			Roger: Draft Bugest Esmimates		
17			Preston:		
18	9/17/2018		Wahab:		
19			Elliott:		
20			Roger:		
21			Preston:		
22	9/24/2018	T: Client Visit/Interview, R: Project Requirements Doc	Wahab:		
23			Elliott:		
24			Roger:		
25			Preston:		
26	10/1/2018	T: Project Schedule Fall + Spring	Wahab:		
27			Elliott:		
28			Roger:		
29			Preston:		
30	10/8/2018		Wahab:		
31			Elliott:		
32			Roger:		
33			Preston:		
34	10/15/2018		Wahab:		
35			Elliott:		
36			Roger:		



Topology of the system

