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# DFIG AGENDA

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#6

10/21/2014

## Weekly Recap

- Got Tim lendberg's project information – created copy
  - Characterization of DFIG
    - DC Resistance
    - DFIG Capability test
    - Locked Rotor Test
    - Open Stator Test
  - Calibrate sensors
    - Torque transducer
    - Voltage and current sensors
  - Further develop DFIG control
    - Employ both converters
    - Field oriented-control
    - Other control algorithms
  - Implement field oriented control
- Got Rishabhs crowbar model
  - Model that uses averaged models instead of modeling the details of the switching. This gives a good look at the control response
- Possibly will get switching model form Alaap

## Items to address

- Send emails to engineers
- Continue thinking on how to detect the fault
- Continue thinking on how to protect the fault (SEL equipment?)

## DUE:

- 11/3 mid-semester wiki page due to instructor
- 11/3-21 Design Review
- 11/10 Logbook & portfolio review