

Avista Micro-grid AGC Minutes  
4/5/2016

- Modeling
  - Generator Model
    - PowerWorld generator models for reference
      - Look at transient analysis?
    - Is there software for simulating micro-grids?
  - Exciter Model
    - Monroe Street – Static exciter
    - Upper Falls – Rotating exciter
      - Look for field current on data plate
      - DC machine model – similar to inside-out synchronous machine
      - Estimate ratings and try to find a similar DC machine model
        - IEEE Papers in the 1940s for DC machines with parameters
      - Transient two-time-constant models for DC machines – Overbees book
  - Pavan's data
  
- Design Review
  - Tentative date: Thursday, April 21
    - Ask Pavan and Dr. John about getting Avista on the phone for Design Review
  - Attend one other design review
  
- Expo
  - Friday, April 29<sup>th</sup>
  - Expectations?
    - Need further clarification about booth
  
- 1<sup>st</sup> Semester Deadline
  - Due: Friday, May 6<sup>th</sup>
    - Wiki Page
    - Portfolio
    - Logbooks
    - Peer Reviews