Recent Progress:

1. Committee presentation draft completed. (for 02/05/19)
2. Verification of Frequency response continued.
3. Added ability to parse multiple dyd
4. Proportional governor agent pgov1 created and tested (proof of concept)
5. GitHub repository updated:

   `https://github.com/thadhaines/LTD_sim`

Current Tasks:

1. Revisit Adams-Bashforth integration - current calculation may be wrong.
2. Add simulation data export folder to simulation parameters
3. Handle data during non-converging scenarios
4. Refine data output - Dictionary structure, variable naming, functionality, meta...

Future Tasks: (Little to No Progress since last time / Things coming down the pipe)

1. Enable multiple dyd files to overwrite / replace previously defined agents/parameters
2. pgov2 $\rightarrow$ account for multiple governors, use β (area frequency response characteristic) in place of R (machine droop)
3. Package code into library (think of a nice name)
4. Find option to suppress PSLF terminal output.
5. Basic plotting templates/functions for MATLAB and python3
6. An agent for every object: Shunt, SVD, Branch, Transformer, Power Plant, ...
7. Investigate line current data in PSLF
8. Identify Slack bus programmatically

Current Questions:

1. Overview of planned PSLF scenarios? $\rightarrow$ General MiniWecc event descriptions?
2. Is there any available/relevant event data that may help us to verify simulations of specific instances (wind ramps or other behavior) that the novel research will focus on?
   (Same as last time)