Recent Progress:

1. Simulation data output as `.mat` achieved.
2. Verification of Frequency response begun.

   Initial 'EE554.sav' 3 Bus load step result plots on page 2.
3. Added custom model parsing ability to dyd parser

   Any line starting with `#!` in a dyd file will correspond to LTD model parameters.
4. GitHub repository updated:

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

Current Tasks:

1. Continue LTD / PSLF verifications (removal of load step test, ...)
2. Develop proportional 'droop' machine control.
3. Refine data output - Dictionary structure, variable naming, functionality, meta...
4. Prepare project presentation for Power Meeting (02/05/19?)

Future Tasks: (Little to No Progress since last time)

1. Basic plotting templates/functions for MATLAB (python3?)
2. Add Shunt and SVD agents to model.
3. Investigate line current data in PSLF
4. Identify Slack bus programmatically

Current Questions:

1. Structure of planned PSLF scenarios? (draw picture?)
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)

20 MW Load step Results: Using ee554.sav case and only generator dynamics.