

Recent Progress:

1. Branch Power Flow data added
2. Generic Machine and Governors added and tested
3. GitHub updated:
<https://github.com/thadhaines/>

Current Tasks:

1. Test WECC
2. 'Interesting' Case generation
3. Continue to refine BA ACE actions.
4. Update Code flowchart
5. Thesis work

Current Questions:

1. Progress on case data?
2. Calculations for VAR flow?
3. AMPS / $\sqrt{3}$ for Line to phase values?

Future Tasks:

1. Add import mirror / bypass mirror init sequence option to prevent repeated mirror creations.
2. Bring wind into simulation (ramp ungoverned generators?)
3. Find best/correct way to trip gens in PSLF from python.
4. Investigate line current data.

Future Work: (not by me)

- Account for different types of loads. (exponential load model)
- Work to incorporate Matt's *Suggested Use Cases* into simulation.
 - Add Shunt Group Agent
 - Work to Define Definite Time Controller user input
- Investigate ULTC action.
- Create an agent for every object: ULTC, SVD, Transformer, ...
- Get away from reliance on GE

Matt Requests:

1. Enable multiple dyd files to overwrite / replace previously defined agents/parameters
2. Allow for variable time steps.