Recent Progress:

1. WECC Progress
   - Governor Model Type from manual
   - Turbine Type from .sav
   - General Gov Model & settings
2. BA gov Deadband exlained and results.
3. Thesis Outline (ToC)
4. Grad Seminar Presentation
5. GitHub updated: `https://github.com/thadhaines/`

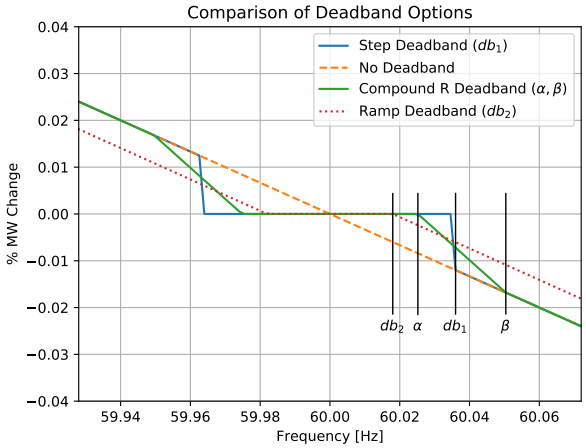
Current Tasks:

1. Paper for IEEE PES
2. Generic Governor testing
3. Continue to refine BA ACE actions.
4. Update Code flowchart
5. Thesis work

Current Questions:

1. Realistic AGC results?
2. Typical deadbands of AGC?
3. Paper outline?
4. What to do with wind generators and governors? (no H, no R?)
5. Types of generic governors to create? Steam, Hydro, Gas ...
6. Confirm Turbine type to governor type assumptions

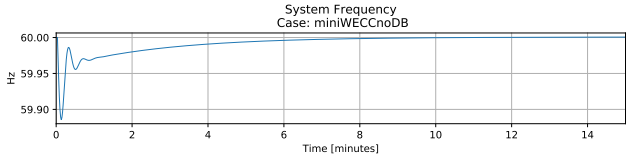
Deadband Explained & Results



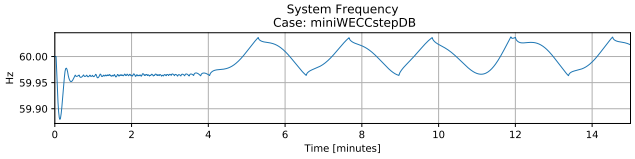
MiniWECC AGC Settings:

- 5 second Action Time
- ACE sent only if it reduces Freq Deviation.
- PI filtered ACE
- IACE not included
- Deadband at 36 mHZ
- NL Droop from 16-36 mHZ

No DeadBand



Step Deadband



Non-Linear Droop