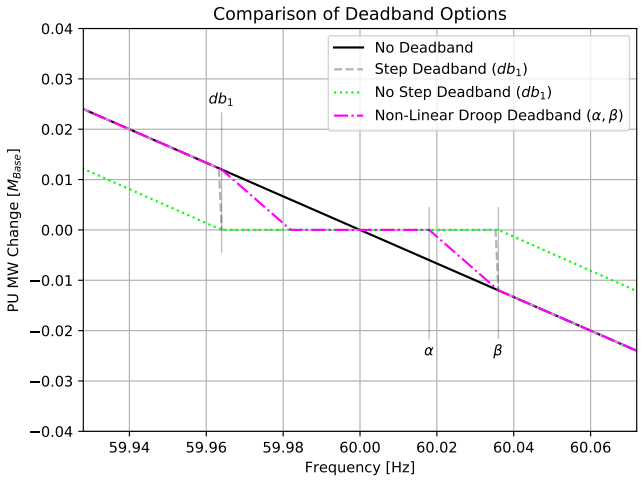
Timestep = 1.0 seconds, Area Droop = 0.05
MiniWECC 30 Minutes of 0.03% noise.

AGC Settings:

- B = 1% initial area load
- Action Time: 15 seconds
- ACE Gain: 1.75
- Filtering: PI kp=0.025 a=0.0001
- IACE Included, 15 second window average



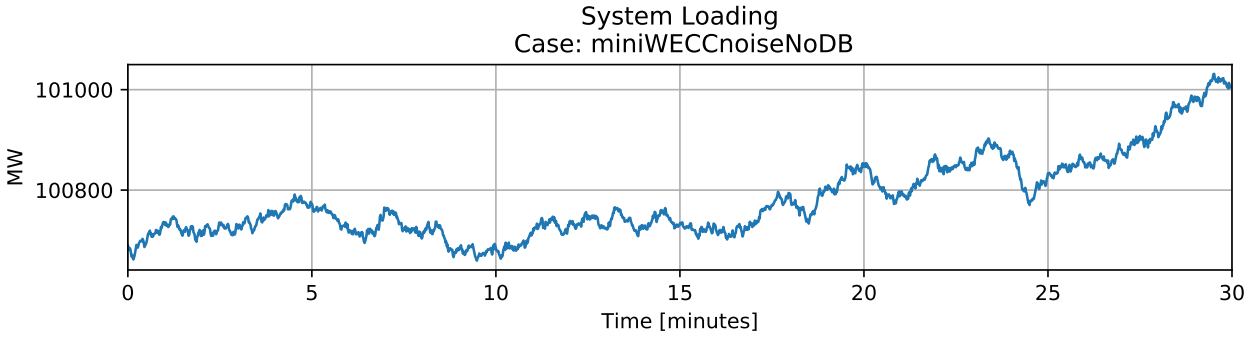
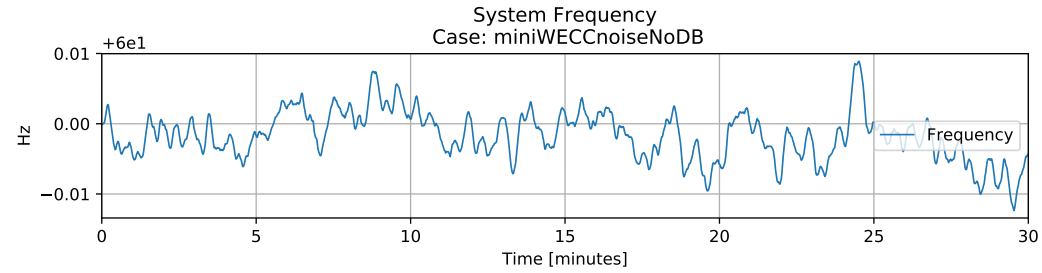
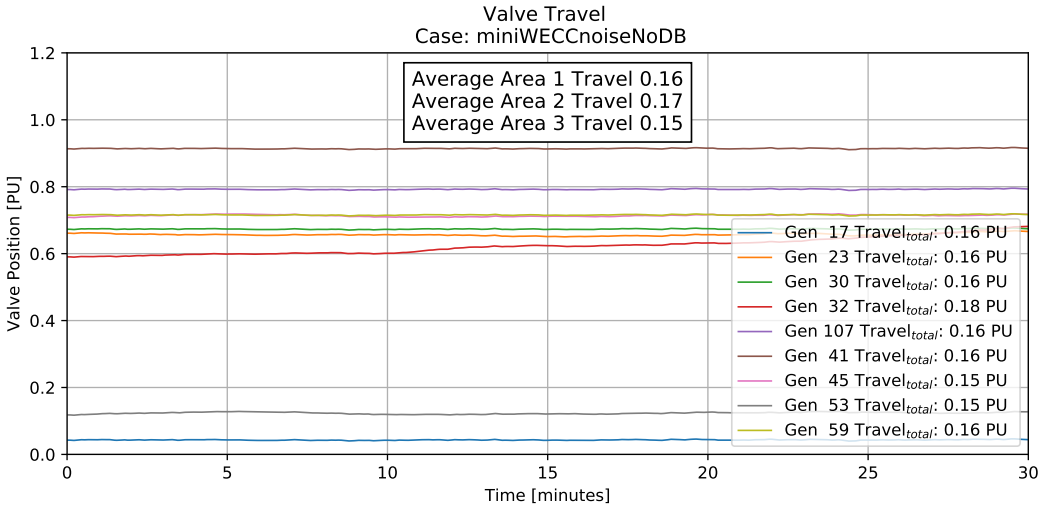


Table 1: MiniWECC noise results.

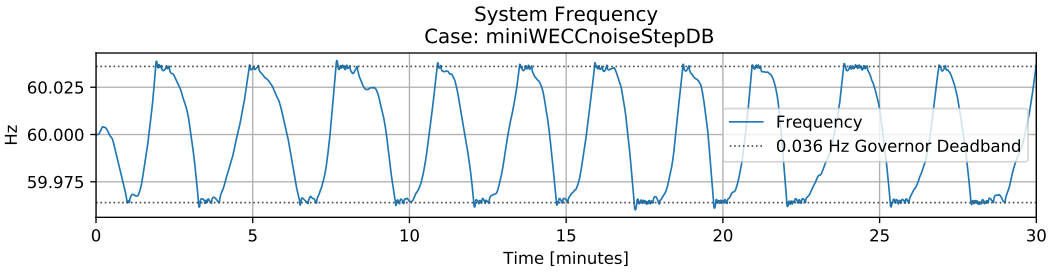
	Valve Travel [PU]			
Generator	No DB	Step	No-Step	N-L Droop
17	0.16	2.68	0.23	0.18
23	0.16	2.86	0.33	0.22
30	0.16	2.68	0.21	0.18
32	0.18	2.94	0.37	0.27
107	0.16	2.70	0.21	0.28
41	0.16	2.37	0.21	0.17
45	0.15	2.56	0.39	0.25
53	0.15	2.96	0.39	0.25
59	0.16	2.37	0.21	0.17
Total:	1.44	24.12	2.55	1.97

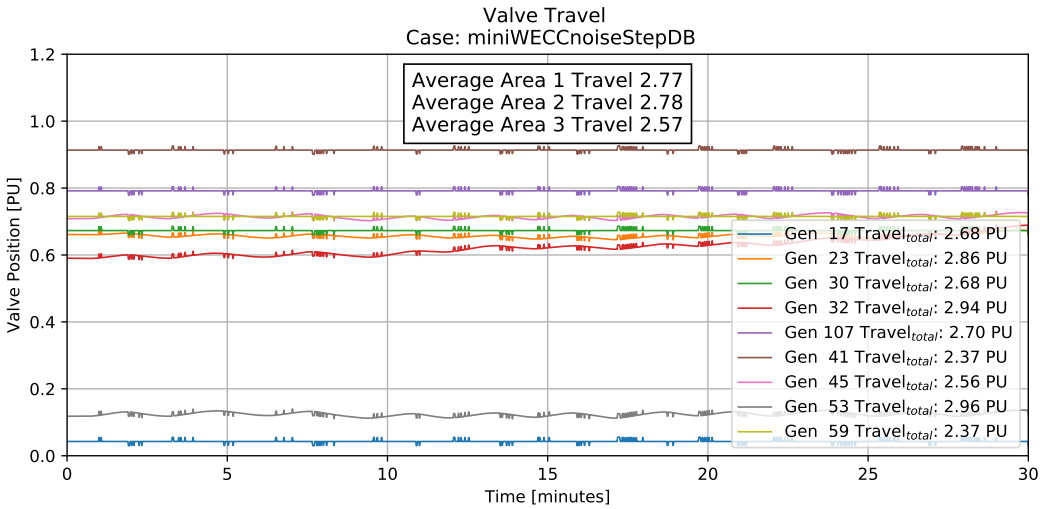
miniWECCnoiseNoDB With AGC



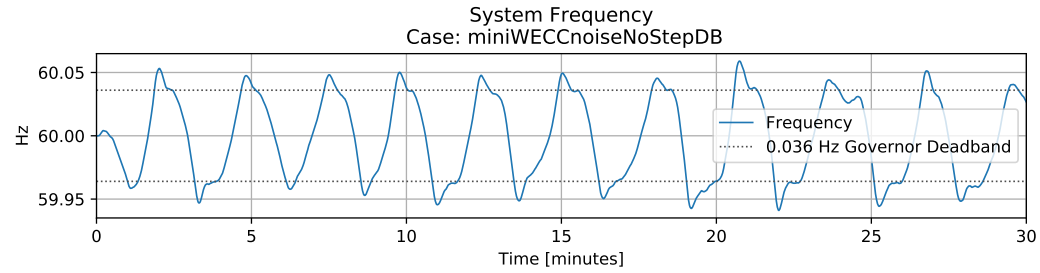


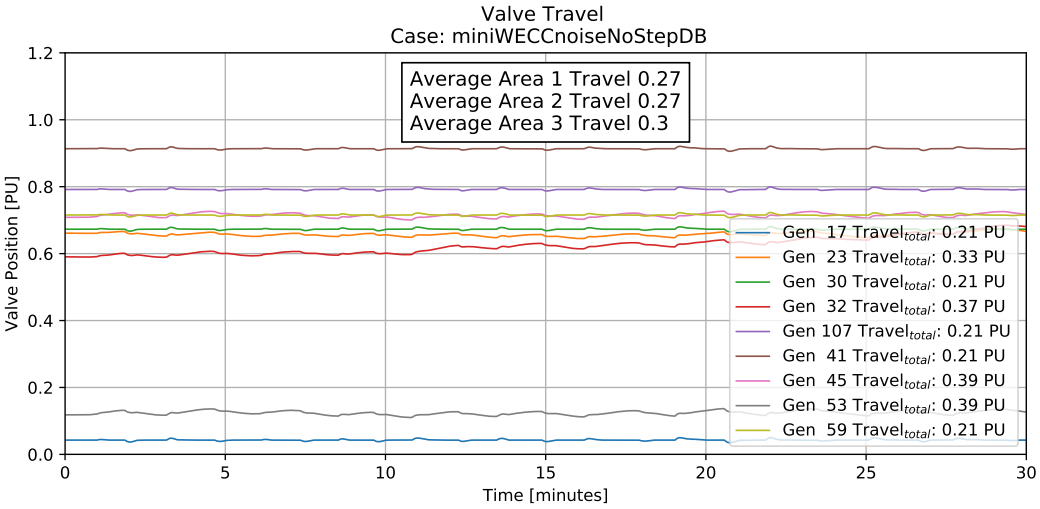
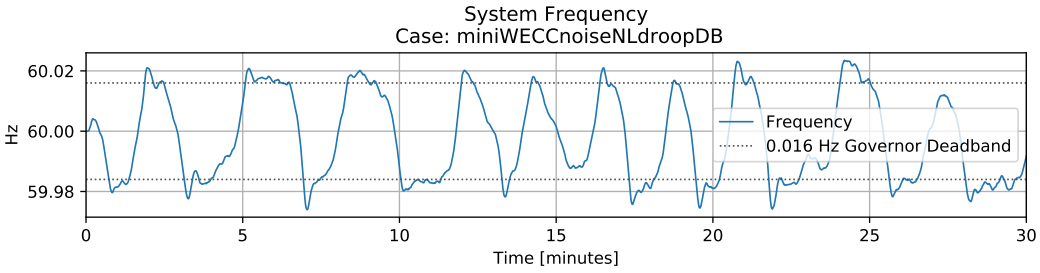
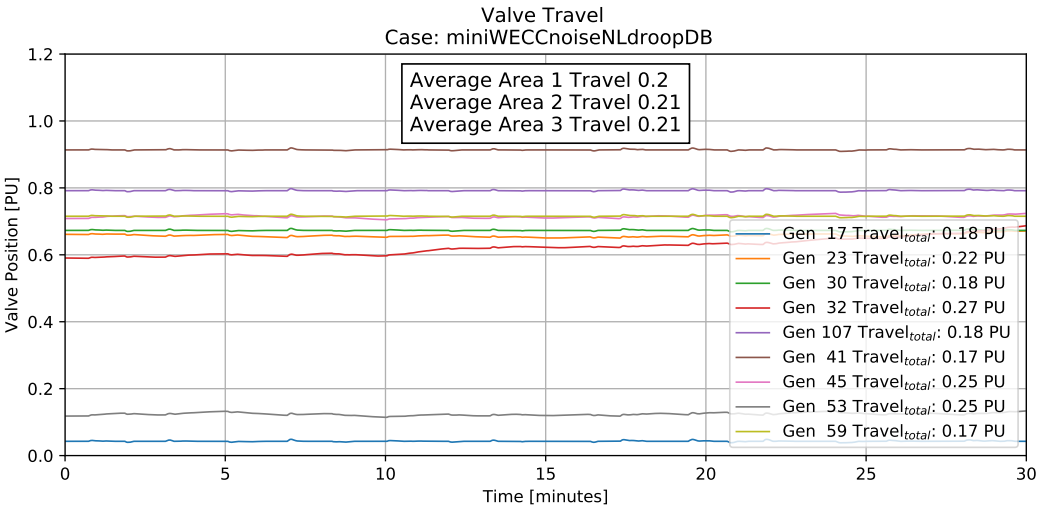
miniWECCnoiseStepDB With AGC





miniWECCnoiseNoStepDB With AGC





miniWECCnoiseNLdroopDB With AGC