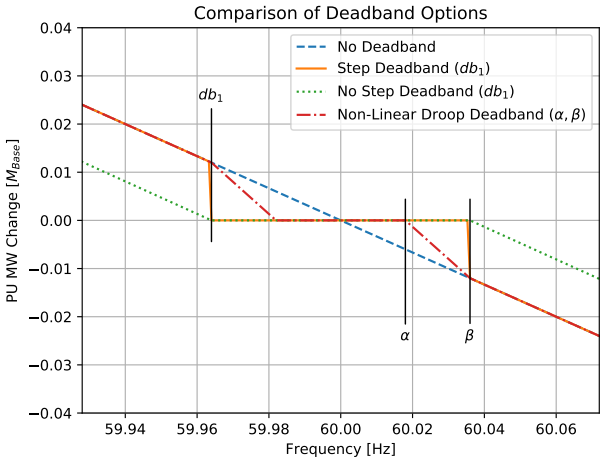
Timestep = 0.5 seconds
MiniWECC 30 Minutes of 0.03% noise.

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



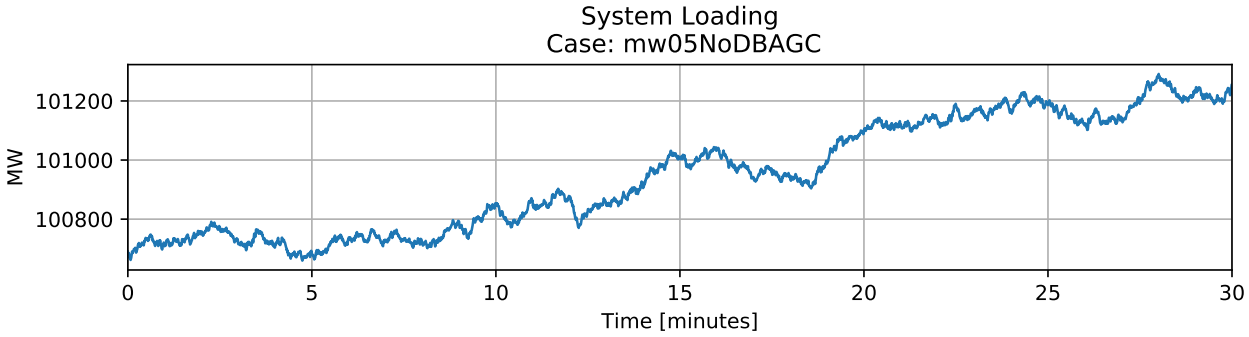
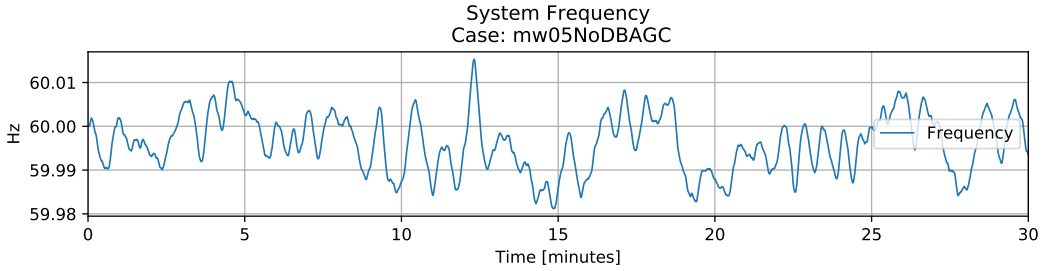
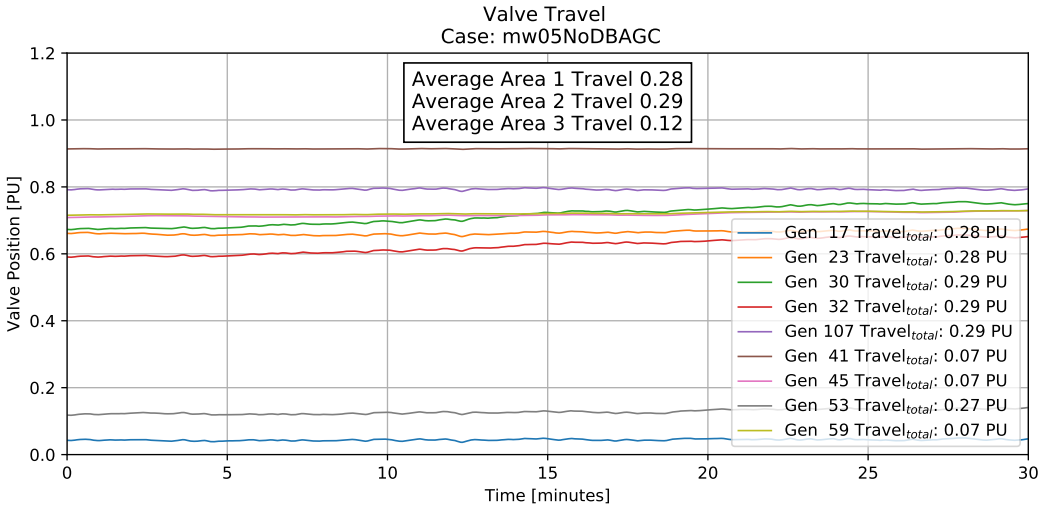


Table 1: MiniWECC noise results.

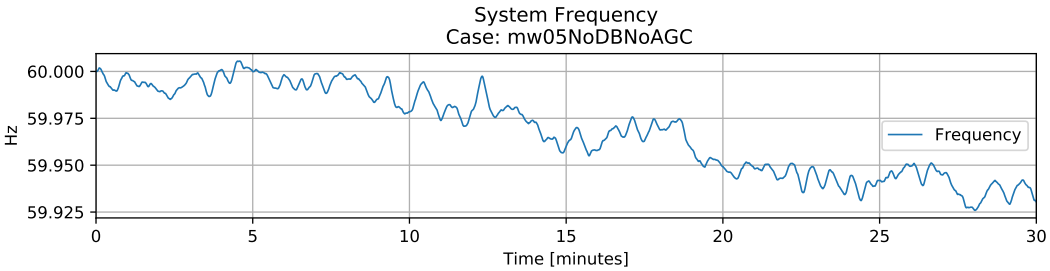
	Valve Travel [PU]							
Generator	No DB	No DB No AGC	Step	Step No AGC	No-Step	No-Step No AGC	N-L Droop	N-L Droop No AGC
17	0.28	0.27	2.66	5.93	0.26	0.26	0.28	0.32
23	0.28	0.27	2.74	5.93	0.30	0.26	0.30	0.32
30	0.29	0.27	2.76	5.93	0.32	0.26	0.32	0.32
32	0.29	0.27	2.87	6.28	0.30	0.26	0.31	0.32
107	0.29	0.27	2.77	6.28	0.25	0.26	0.27	0.32
41	0.07	0.07	0.53	1.12	0.06	0.06	0.07	0.08
45	0.07	0.07	0.65	1.12	0.20	0.06	0.12	0.08
53	0.27	0.27	2.91	6.28	0.32	0.26	0.31	0.32
59	0.07	0.07	0.61	1.12	0.14	0.06	0.10	0.08
Total:	1.91	1.83	18.50	39.99	2.15	1.74	2.08	2.16

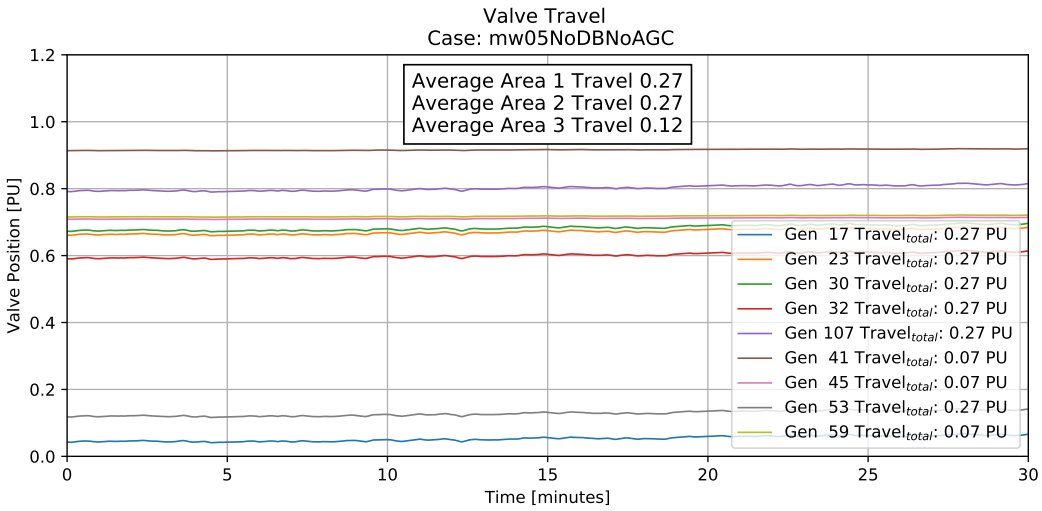
mw05NoDB With AGC



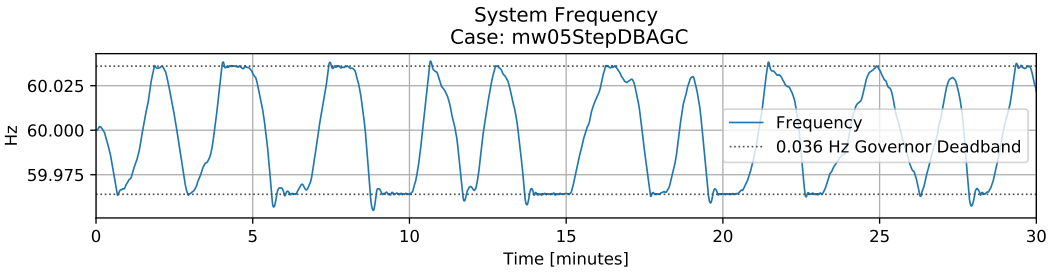


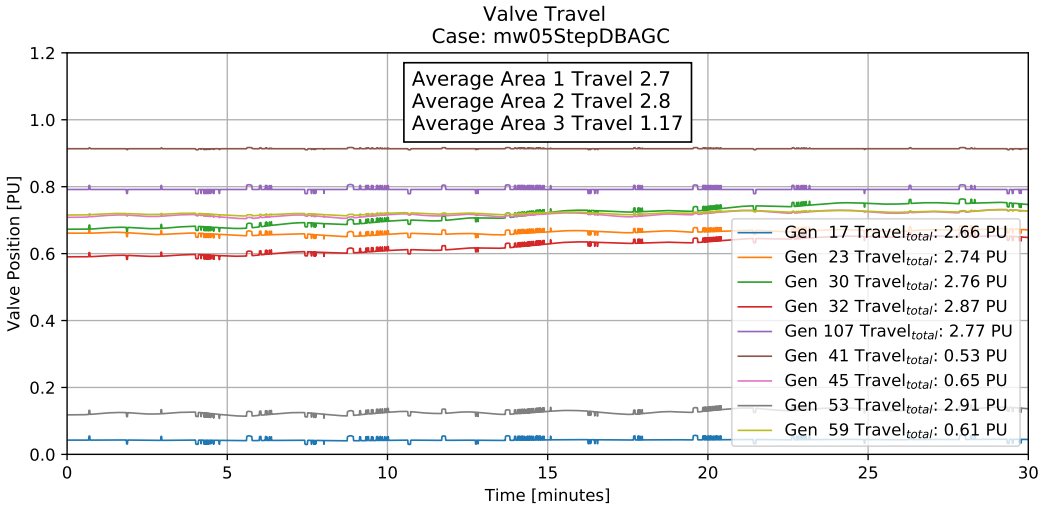
mw05NoDB With No AGC





mw05StepDB With AGC





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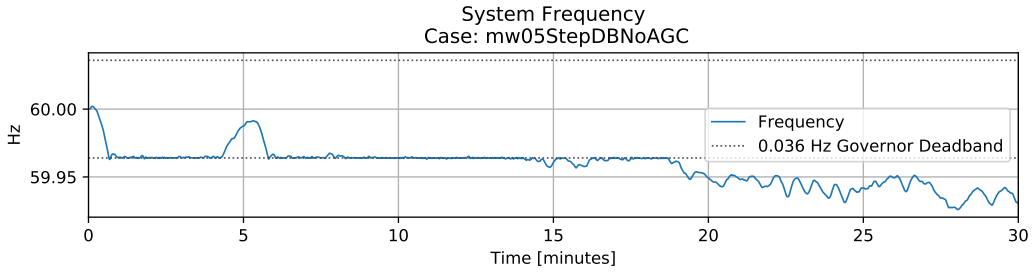
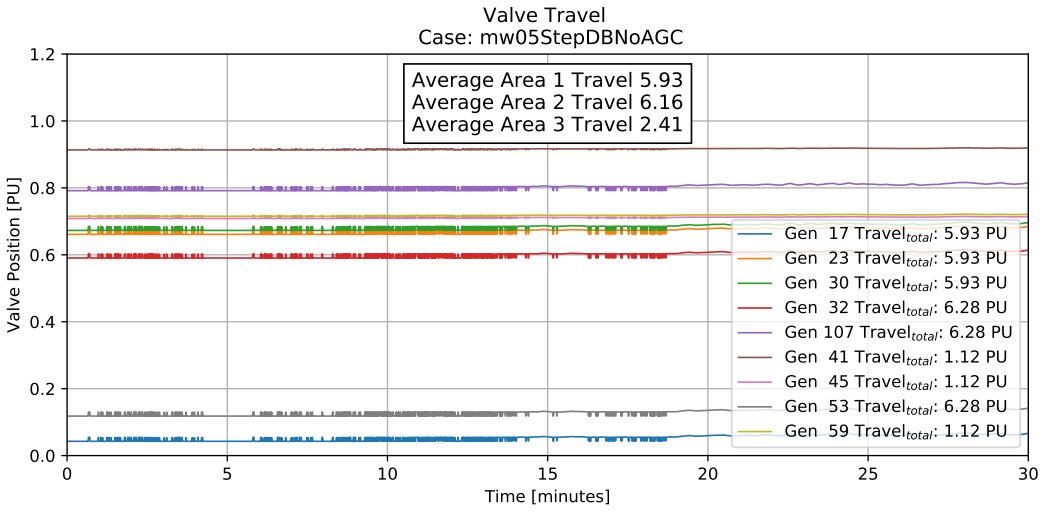
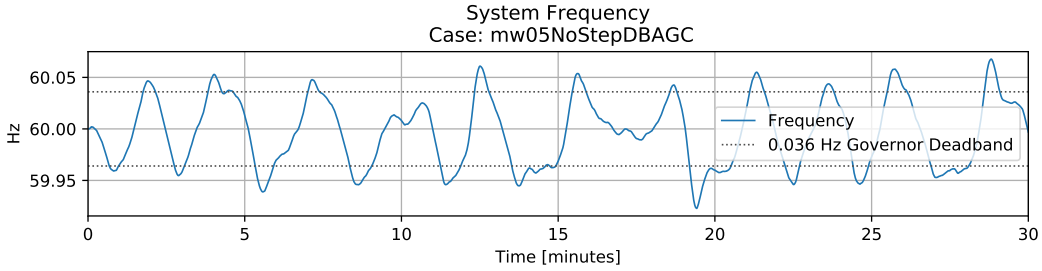
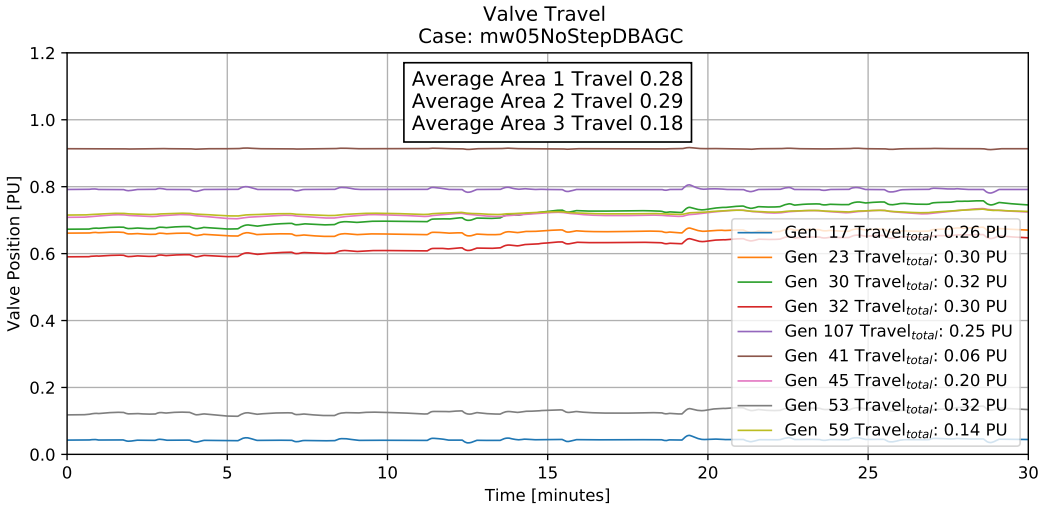




mw05NoStepDB With AGC





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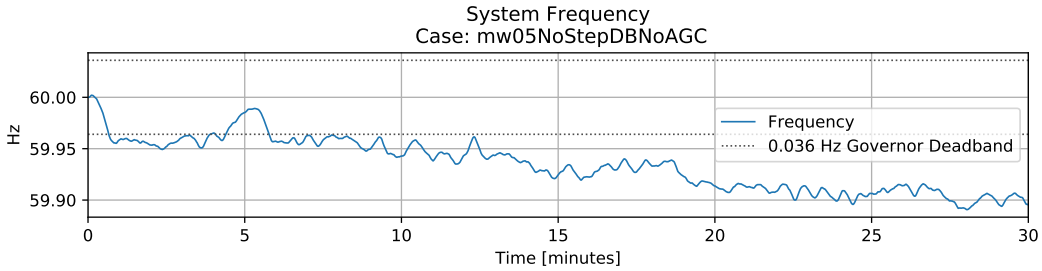
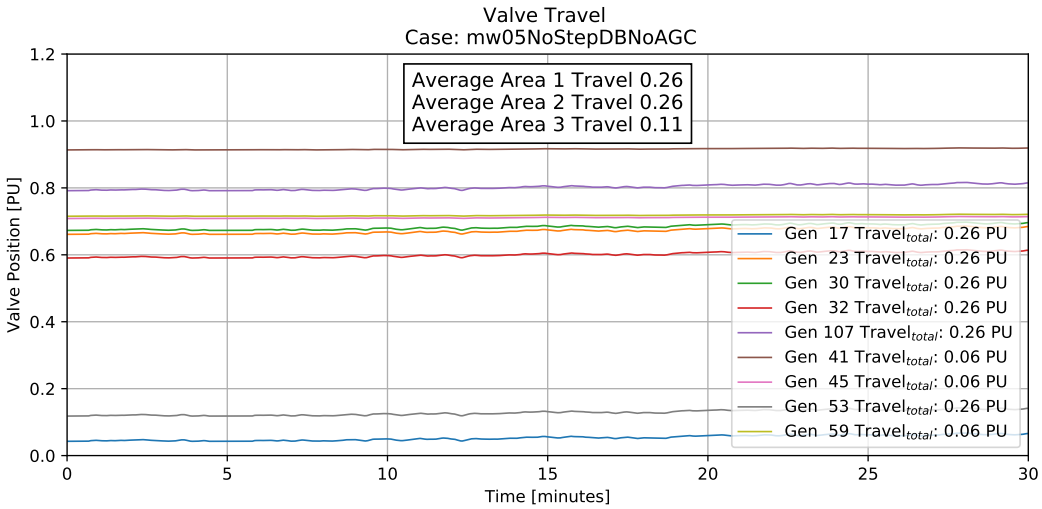
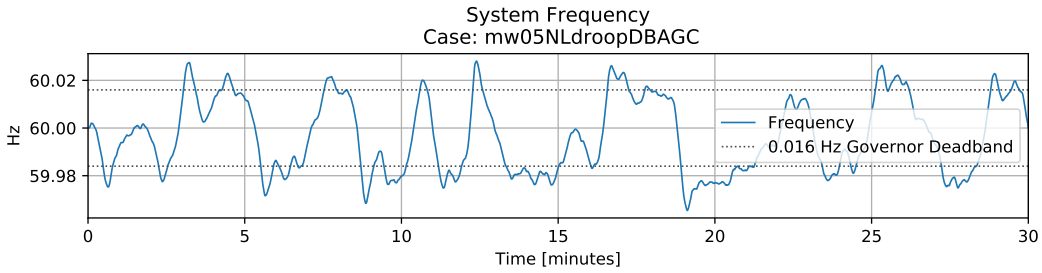
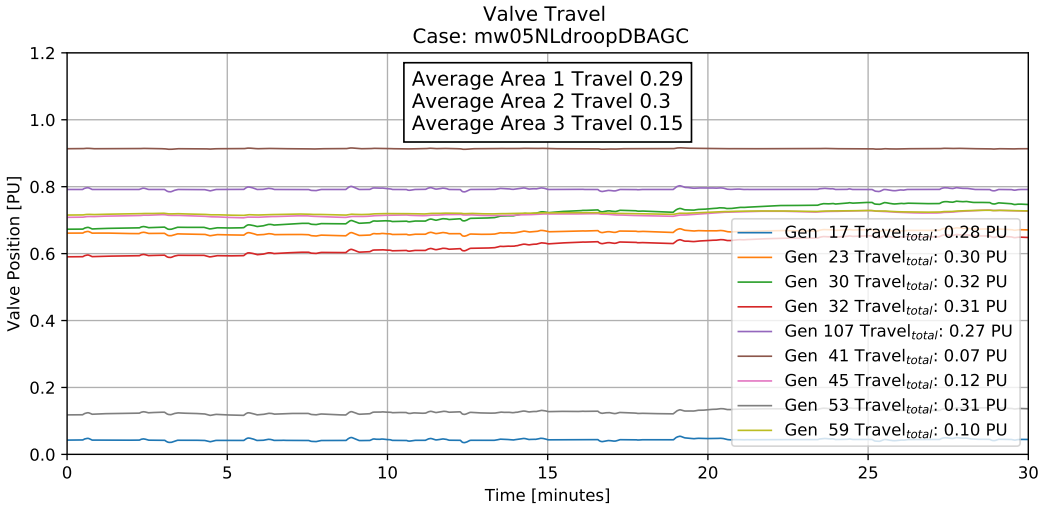
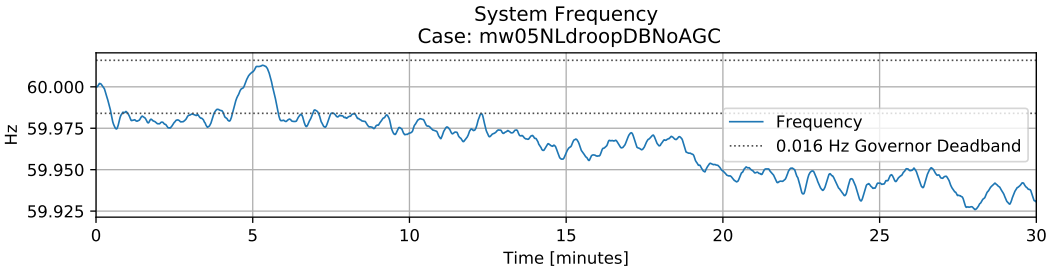
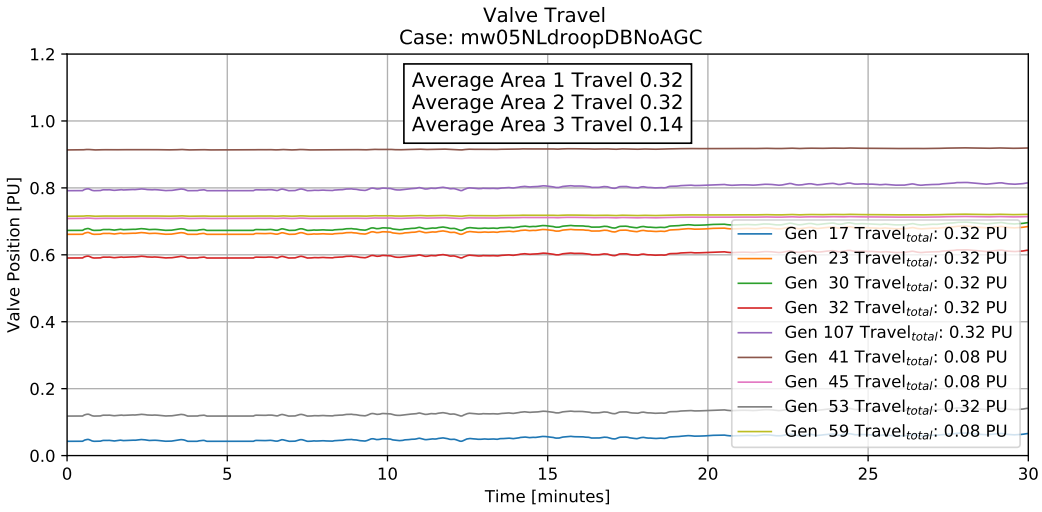




mw05NLdroopDB With AGC





mw05NLdroopDB With No AGC