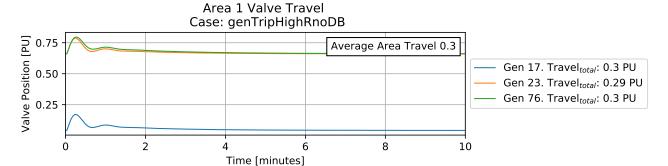
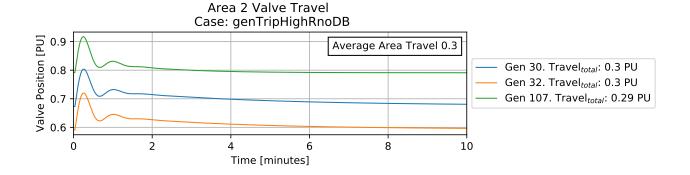
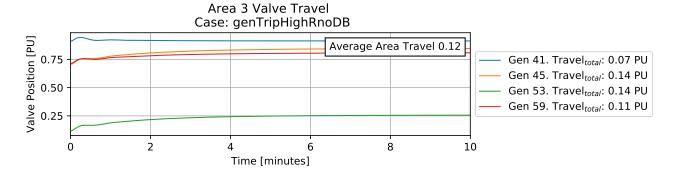
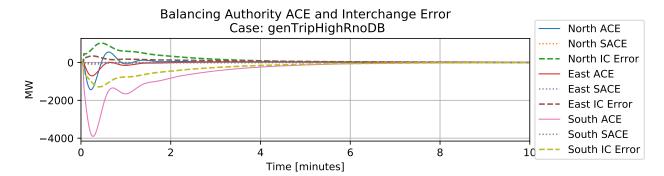
**genTripHighRnoDB** A -1500 MW generator Pm Step in Area 3.

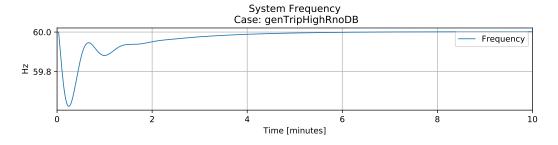
Area 3 droop set to 0.2.







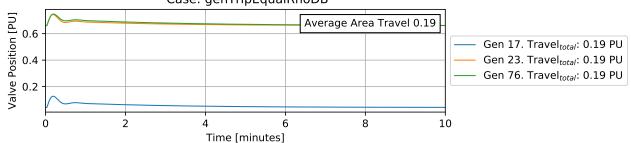




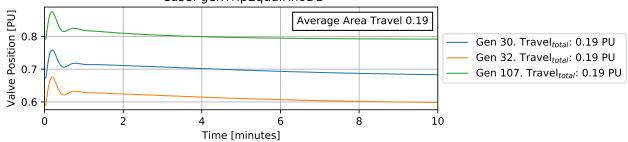
genTripEqualRnoDB A -1500 MW generator Pm Step in Area 3.

Area 3 droop set to 0.05.

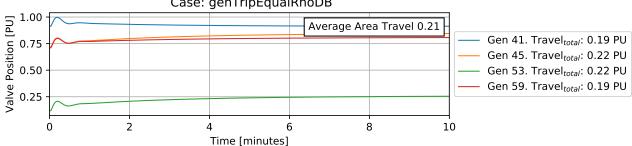


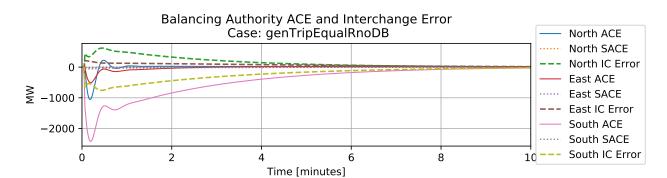


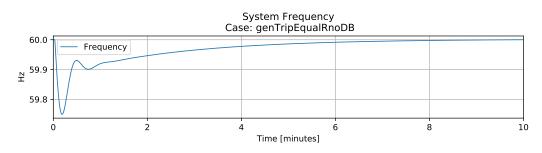
## Area 2 Valve Travel Case: genTripEqualRnoDB



## Area 3 Valve Travel Case: genTripEqualRnoDB

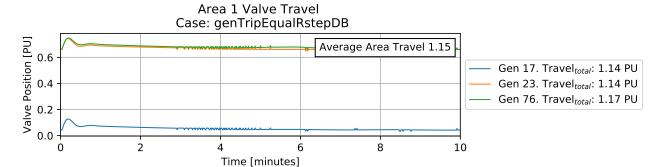


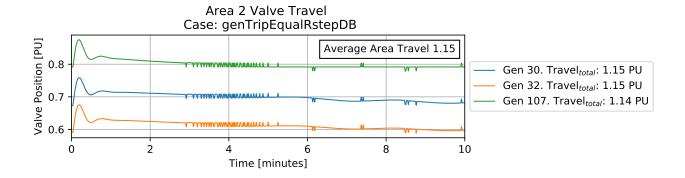


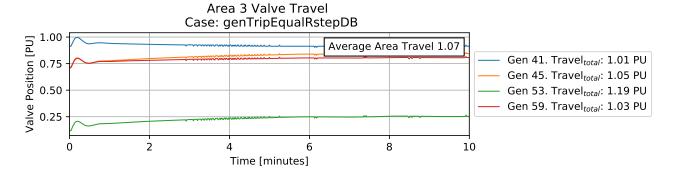


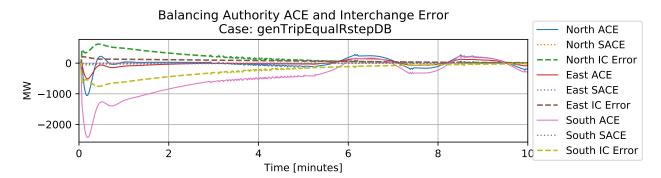
**genTripEqualRstepDB** A -1500 MW generator Pm Step in Area 3.

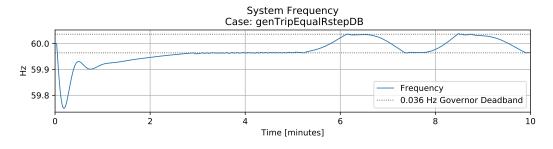
Area 3 droop set to 0.05. Governors have a step deadband.





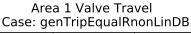




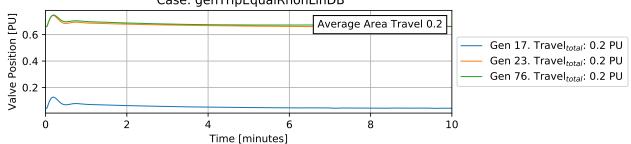


**genTripEqualRnonLinDB** A -1500 MW generator Pm Step in Area 3.

Area 3 droop set to 0.05. Governors have a non-linear droop deadband.



Time [minutes]



## Area 2 Valve Travel Case: genTripEqualRnonLinDB Average Area Travel 0.2 Gen 30. Travel<sub>total</sub>: 0.19 PU Gen 32. Travel<sub>total</sub>: 0.19 PU Gen 107. Travel<sub>total</sub>: 0.2 PU

