

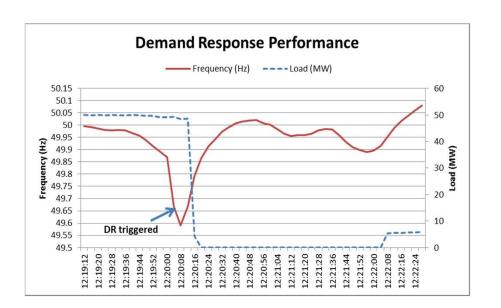
Optimise Demand Response for Primary Frequency Control

Musa Gumede **Eskom Holdings SOC Ltd**

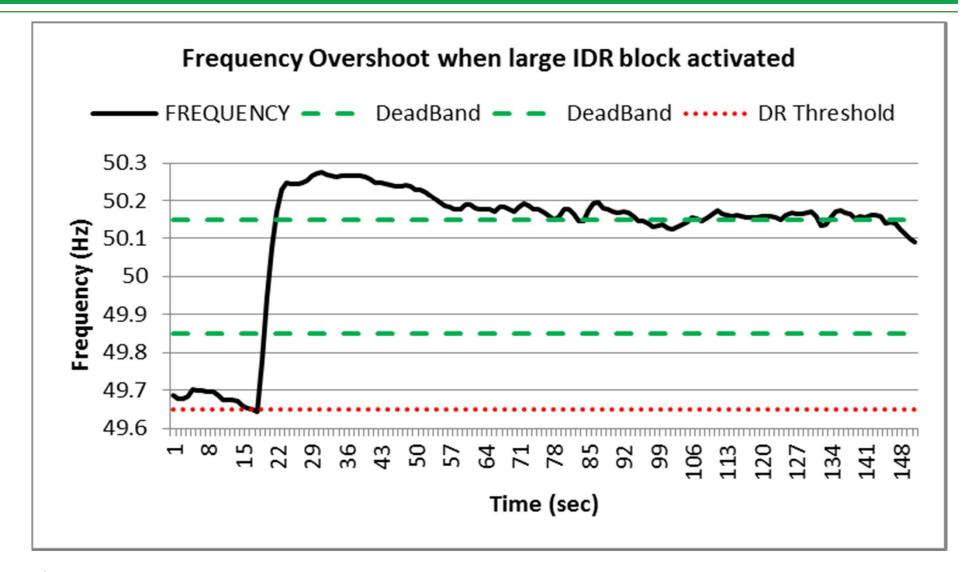
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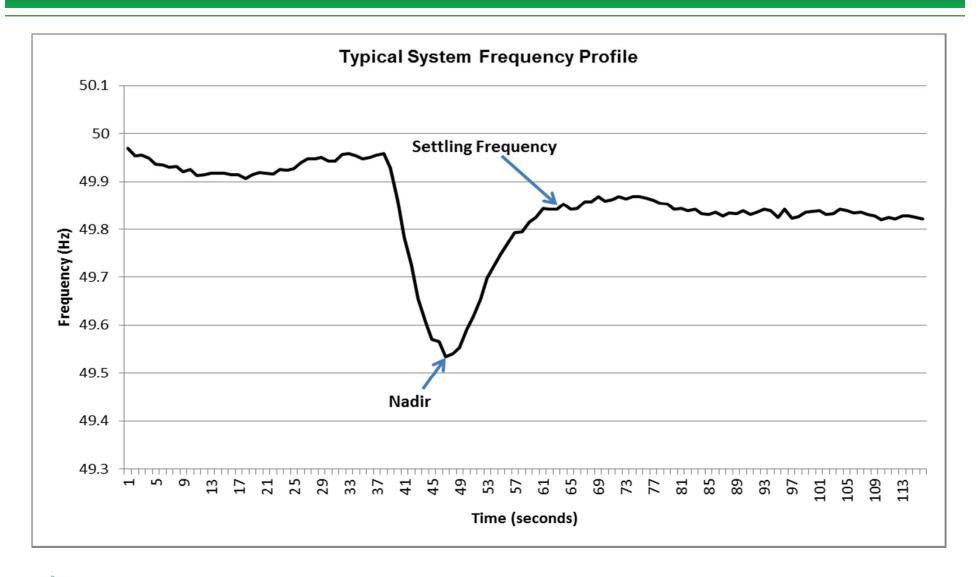














DR Load (MW)	Nadir (Hz)	Settling Frequency (Hz)
200	49.531	49.624
400	49.531	49.719
600	49.531	49.770
800	49.531	49.810
1000	49.531	49.848





DR Load (MW)	Nadir (Hz)	Settling Frequency (Hz)
200	49.599	49.619
400	49.599	49.719
600	49.599	49.770
800	49.599	49.809
1000	49.599	49.849



DR Load (MW)	Nadir (Hz)	Settling Frequency (Hz)
200	49.535	49.627
400	49.535	49.727
600	49.535	49.780
800	49.535	49.820



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