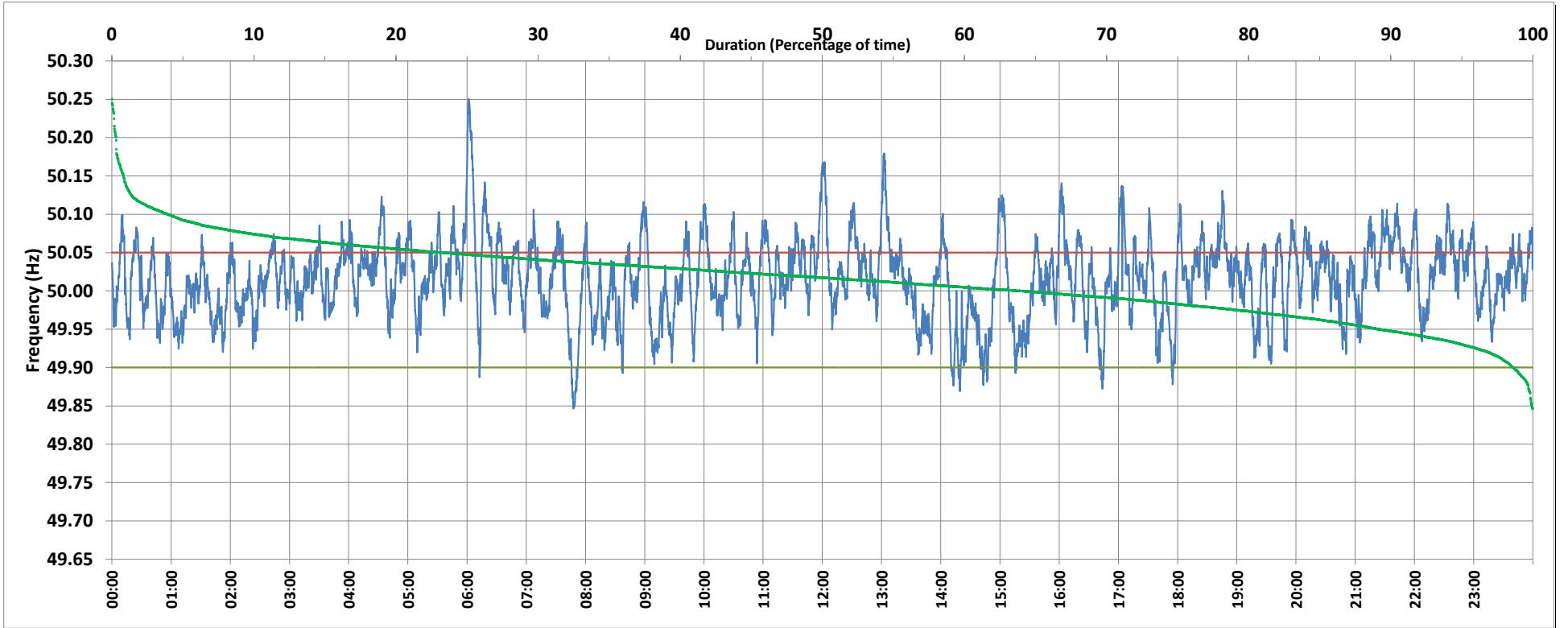


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Dec-2019 (Saturday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	1.37	18.36	0.00	1.37	34.55	60.12	3.67	75.31	99.70	42.35	19.47	63.88	39.29	23.32	0.30	10.76	65.91	9.40

Average Frequency : 50.015	Frequency Variation Index : 0.0277	Standard Deviation : 0.0505	Mileage: 54.1	FDI: 24.7
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Instantaneous Frequency		
Max	50.251	6:01:40
Min	49.846	7:47:30

15 minute Average Frequency		
Max	50.089	6:15:00
Min	49.935	15:30:00

No. of excursions	
above 50.03 Hz	224
below 49.97 Hz	123
above 50.00 Hz	199
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:02:09
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:55:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)