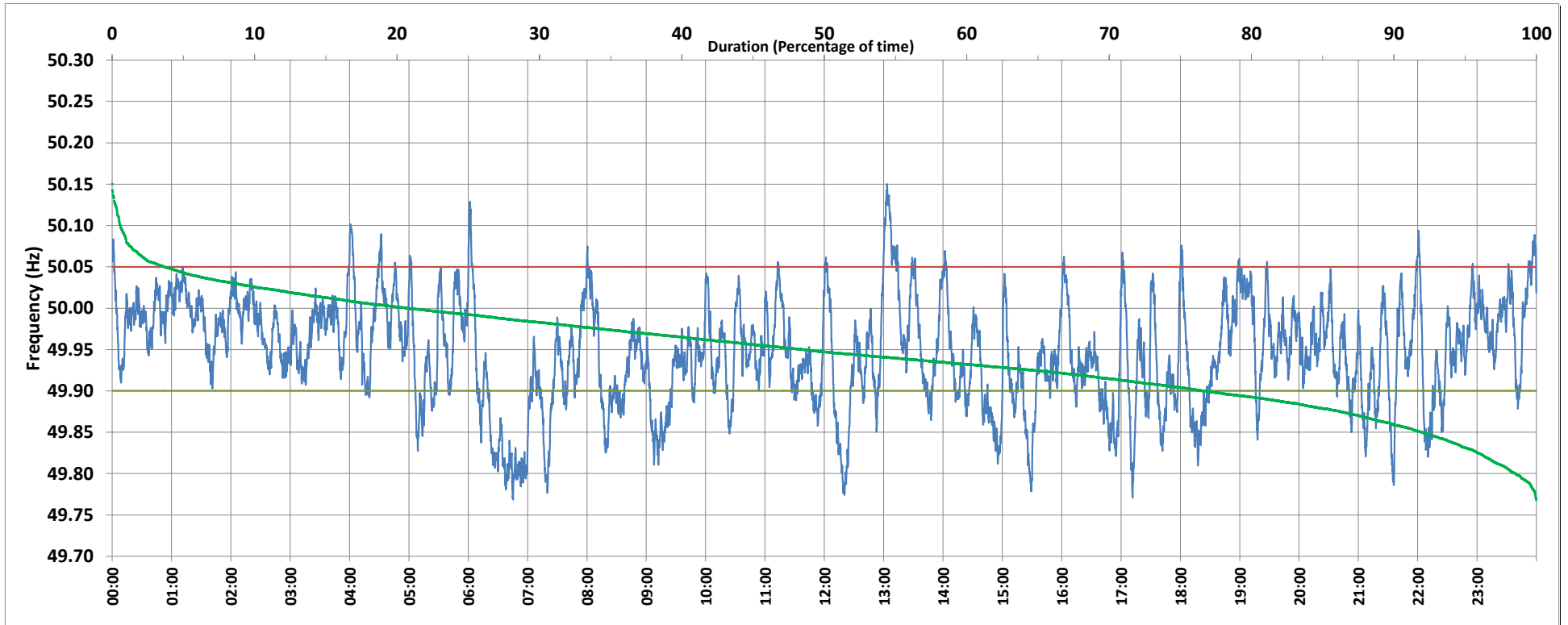


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Dec-2018 (Monday)



<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	23.37	62.82	1.46	21.91	55.90	20.15	0.58	72.96	100.00	28.54	3.10	20.71	8.63	3.67	0.00	51.39	44.94	28.02

Average Frequency : 49.946	Frequency Variation Index : 0.0699	Standard Deviation : 0.0638	Mileage: 47.5	FDI: 27.0
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Instantaneous Frequency		
Max	50.150	13:03:30
Min	49.768	6:45:10

15 minute Average Frequency		
Max	50.089	13:15:00
Min	49.804	7:00:00

No. of excursions	
above 50.03 Hz	78
below 49.97 Hz	132
above 50.00 Hz	117
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:06:51
above 50.03	0:01:36

No. of hours freq outside 49.9-50.05 Hz	6:29:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)