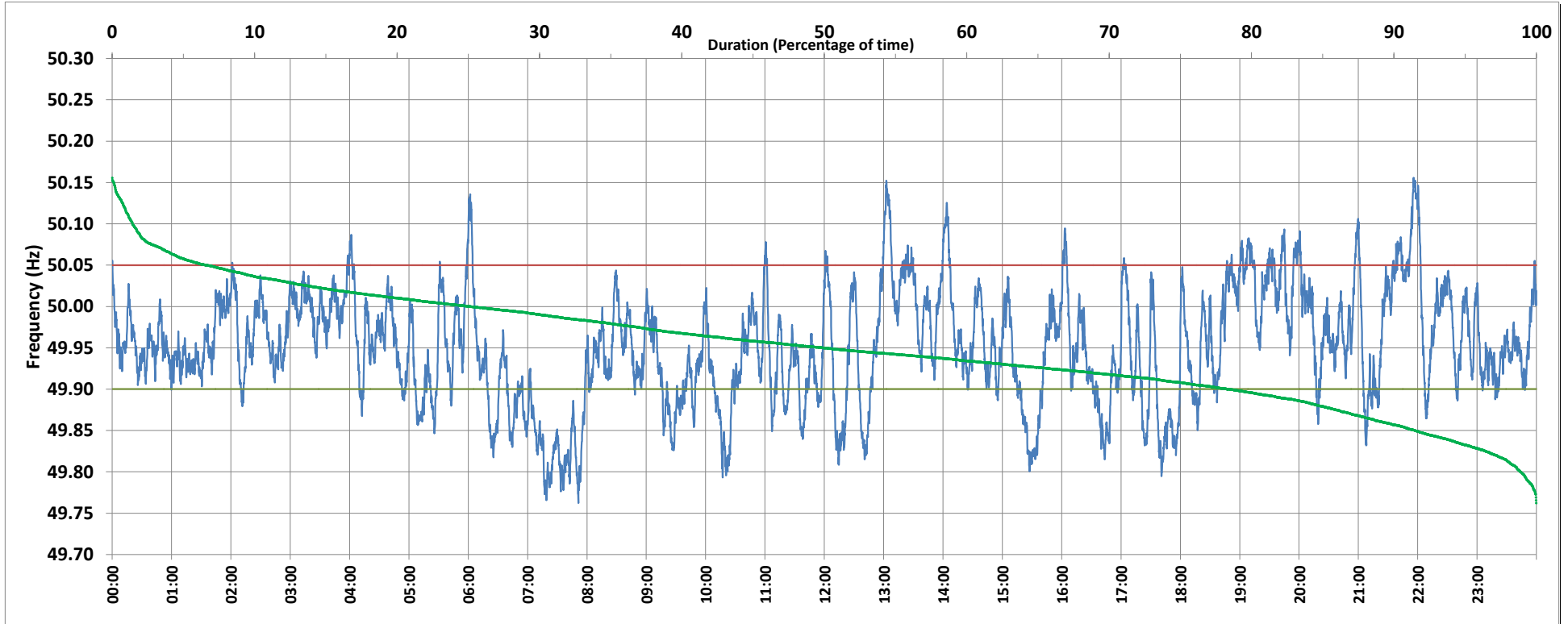


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Dec-2018 (Thursday)



<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	21.57	61.22	1.09	20.49	53.23	23.77	1.42	71.77	100.00	26.60	5.25	25.14	12.19	6.66	0.00	50.02	43.32	28.45

Average Frequency : 49.951	Frequency Variation Index : 0.0702	Standard Deviation : 0.0680	Mileage: 45.8	FDI: 28.2
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Instantaneous Frequency	
Max	50.156 21:55:50
Min	49.762 7:51:10

15 minute Average Frequency	
Max	50.086 22:00:00
Min	49.808 7:30:00

No. of excursions	
above 50.03 Hz	78
below 49.97 Hz	113
above 50.00 Hz	118
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:07:48
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	6:46:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)