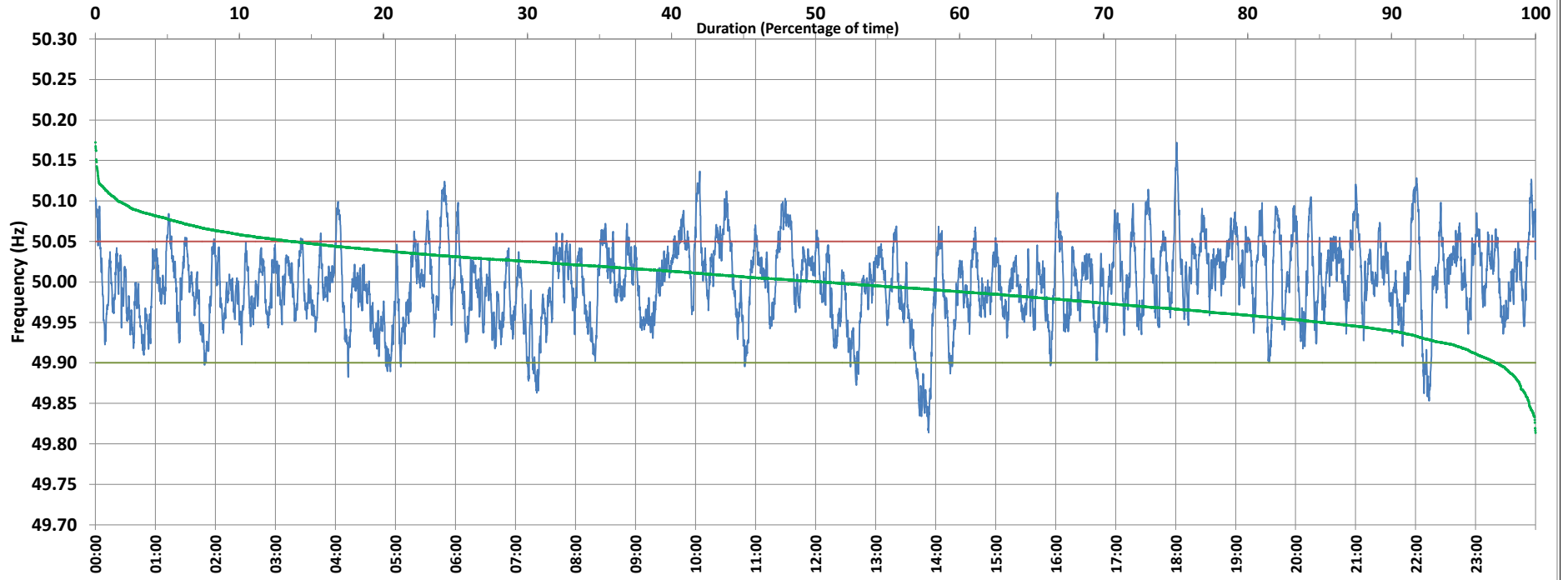


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Nov-2020 (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	2.75	27.44	0.00	2.75	46.85	48.82	1.57	83.63	100.00	46.71	12.08	50.35	25.84	13.61	0.00	14.87	71.52	12.12

Average Frequency : 49.999	Frequency Variation Index : 0.0237	Standard Deviation : 0.0487	Mileage: 53.0	FDI: 16.4
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Instantaneous Frequency		
Max	50.172	18:01:00
Min	49.814	13:53:00

15 minute Average Frequency		
Max	50.052	6:00:00
Min	49.883	14:00:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	180
above 50.00 Hz	240
below 50.00 Hz	240

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:01:53

No. of hours freq outside 49.9-50.05 Hz	3:55:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)