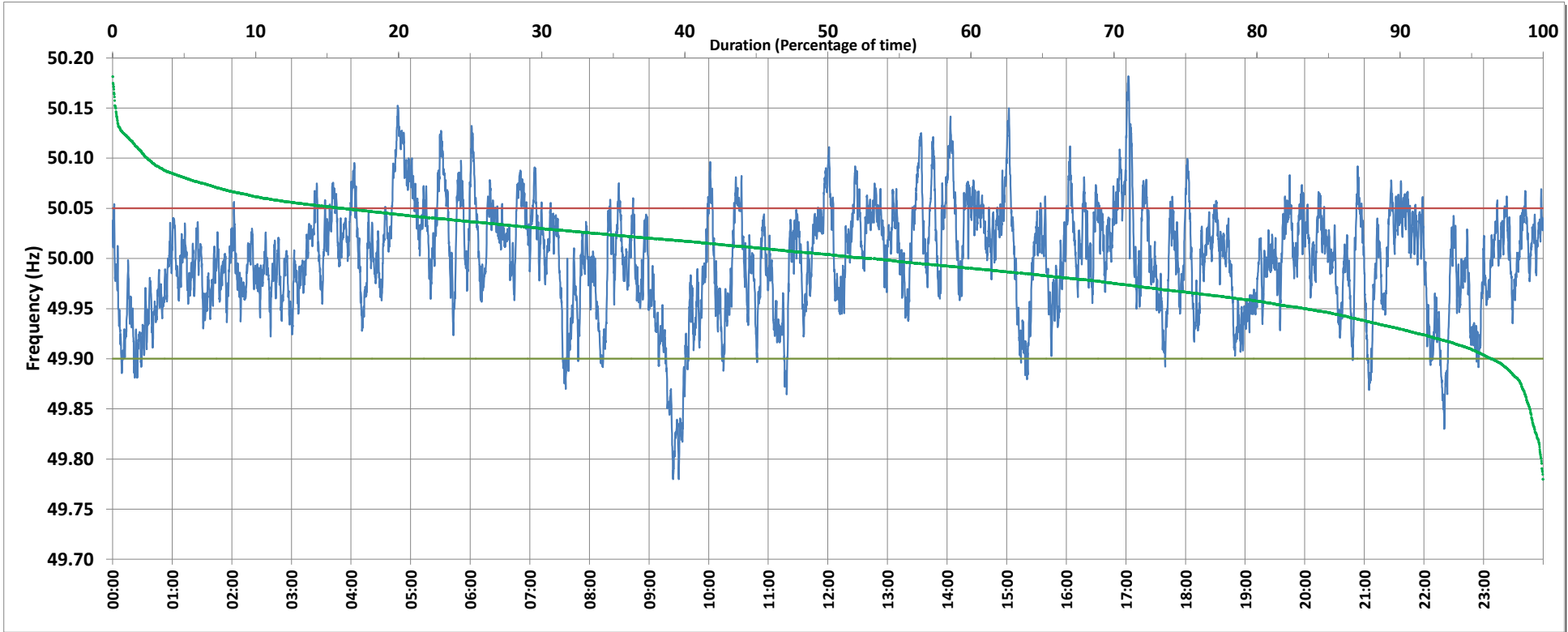


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Nov-2019 (Sunday)



<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	3.61	27.00	0.13	3.48	43.17	50.76	2.45	80.30	100.00	43.02	13.73	53.01	29.98	16.09	0.00	16.57	67.34	12.96

Average Frequency : 50.000	Frequency Variation Index : 0.0287	Standard Deviation : 0.0536	Mileage: 54.6	FDI: 19.7
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Instantaneous Frequency		
Max	50.182	17:02:10
Min	49.780	9:29:50

15 minute Average Frequency		
Max	50.108	5:00:00
Min	49.847	9:30:00

No. of excursions	
above 50.03 Hz	212
below 49.97 Hz	155
above 50.00 Hz	189
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:02:31
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:43:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)