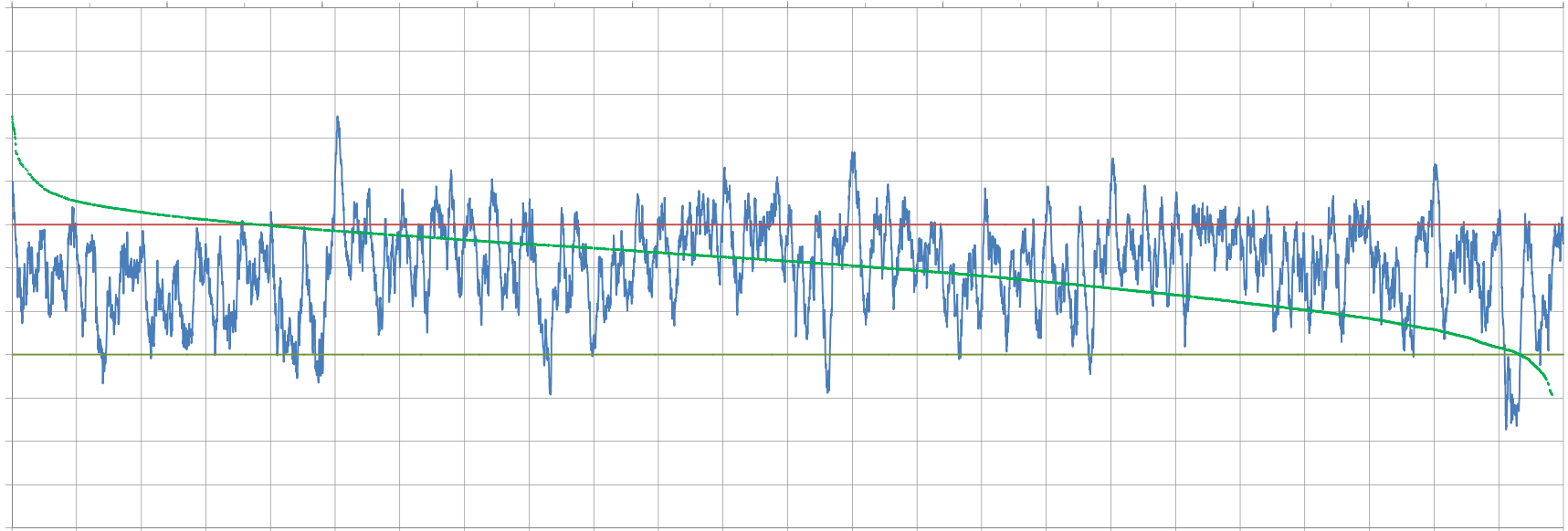


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 17-Nov-2020 (Tuesday)



<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	2.73	25.44	0.00	2.73	40.87	54.85	1.55	81.23	100.00	43.30	14.59	56.31	31.26	16.04	0.00	15.79	68.17	13.06

Average Frequency : 50.002	Frequency Variation Index : 0.0255	Standard Deviation : 0.0505	Mileage: 53.4	FDI: 18.8
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Instantaneous Frequency		
Max	50.175	5:02:00
Min	49.813	23:06:40

15 minute Average Frequency		
Max	50.076	5:15:00
Min	49.902	23:15:00

No. of excursions	
above 50.03 Hz	207
below 49.97 Hz	136
above 50.00 Hz	215
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	4:30:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)