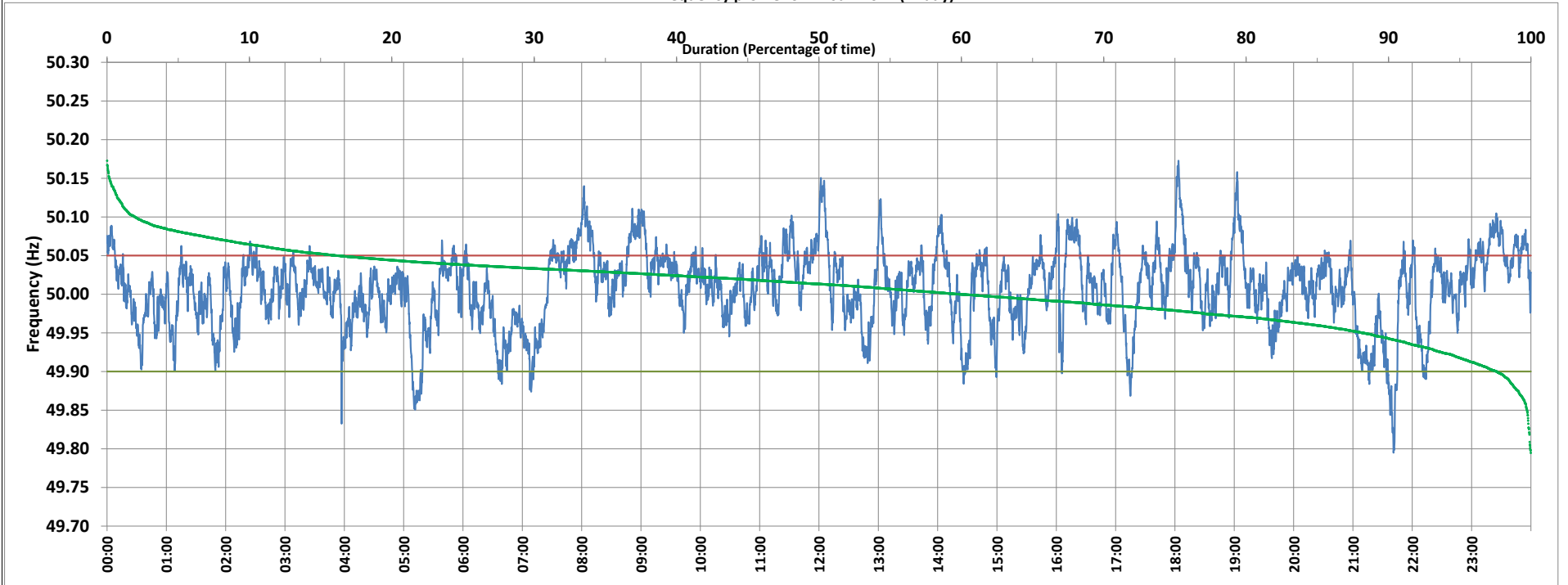


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jun-2021 (Friday)



<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	2.38	19.68	0.05	2.34	37.74	57.91	1.97	81.47	100.00	46.46	14.18	59.86	33.87	16.15	0.00	11.81	72.05	9.42

Average Frequency : 50.008	Frequency Variation Index : 0.0243	Standard Deviation : 0.0488	Mileage: 46.2	FDI: 18.5
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Instantaneous Frequency		
Max	50.173	18:03:30
Min	49.795	21:41:00

15 minute Average Frequency		
Max	50.089	18:15:00
Min	49.879	21:45:00

No. of excursions	
above 50.03 Hz	231
below 49.97 Hz	130
above 50.00 Hz	185
below 50.00 Hz	184

Average time freq per excursion remains	
below 49.97	0:02:11
above 50.03	0:02:07

No. of hours freq outside 49.9-50.05 Hz	4:26:50
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Source : BHADRAWATHI 10 Sec. (8640 samples)