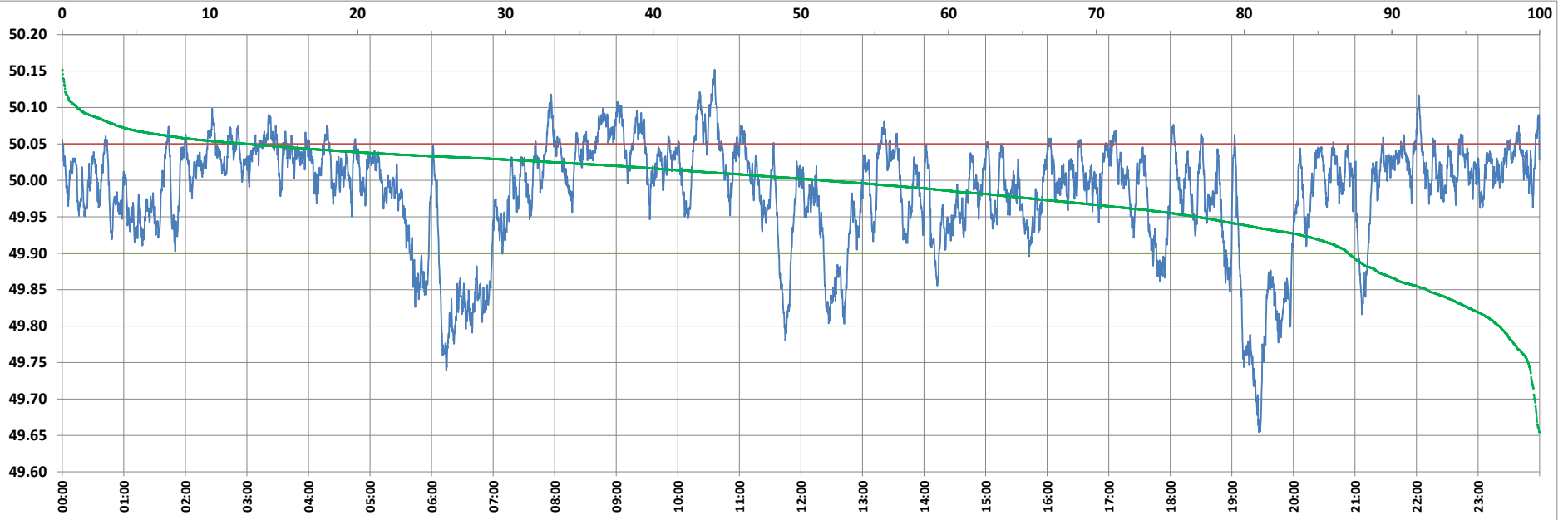


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jun-2022 (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
0.34	12.96	31.77	2.41	10.22	35.52	50.50	1.02	74.54	99.66	39.58	11.48	51.52	28.65	12.50	0.00	23.26	64.24	10.30

Average Frequency : 49.984	Frequency Variation Index : 0.0569	Standard Deviation : 0.0737	Mileage: 43.4	FDI: 25.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency	
Max	50.152 10:35:50
Min	49.655 19:26:20

15 minute Average Frequency	
Max	50.087 10:45:00
Min	49.723 19:30:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	110
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:04:10
above 50.03	0:02:08

No. of hours freq outside 49.9-50.05 Hz	6:06:40
---	---------

Source : BHADRAWATHI 10 Sec. (8640 samples)