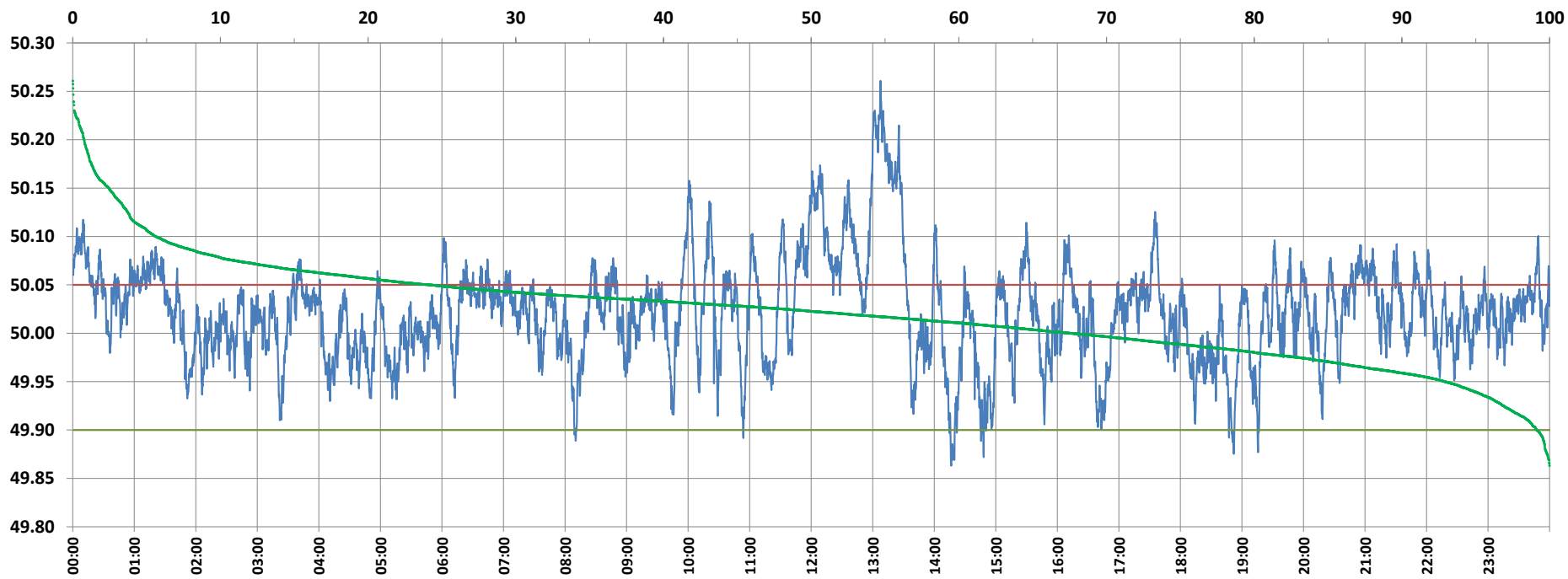


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jul-2021 (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	0.87	14.77	0.00	0.87	31.59	61.93	4.85	74.95	99.24	42.13	18.56	67.55	43.10	24.18	0.76	7.09	68.73	6.23

Average Frequency : 50.022	Frequency Variation Index : 0.0319	Standard Deviation : 0.0522	Mileage: 47.3	FDI: 25.0
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Instantaneous Frequency		
Max	50.261	13:07:30
Min	49.863	14:16:30

15 minute Average Frequency		
Max	50.211	13:15:00
Min	49.927	15:00:00

No. of excursions	
above 50.03 Hz	238
below 49.97 Hz	111
above 50.00 Hz	182
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:01:55
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	6:00:40
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Source : BHADRAWATHI 10 Sec. (8640 samples)