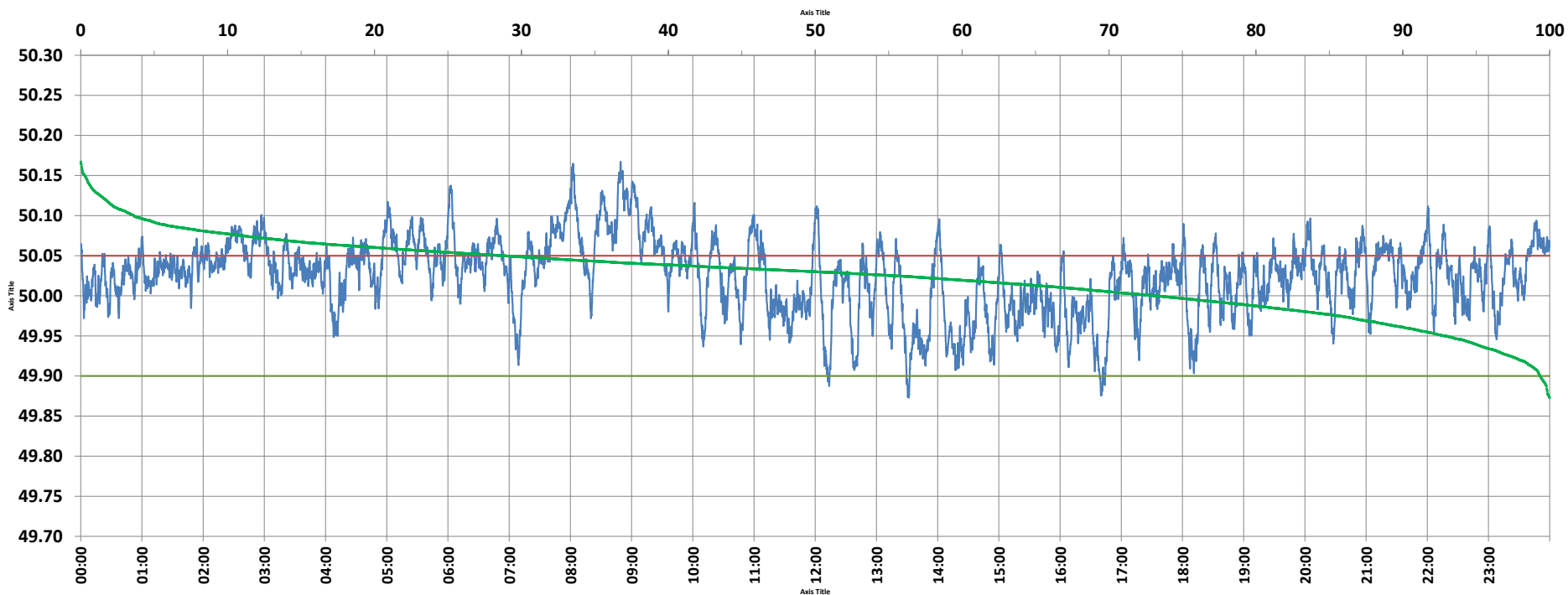


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Jul-2021 (Thursday)



<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	0.67	12.82	0.00	0.67	26.12	69.58	3.62	70.47	100.00	37.00	25.23	73.21	50.17	28.85	0.00	7.12	64.03	6.45

Average Frequency : 50.024	Frequency Variation Index : 0.0269	Standard Deviation : 0.0457	Mileage: 39.6	FDI: 29.5
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Instantaneous Frequency		
Max	50.167	8:49:10
Min	49.873	13:31:40

15 minute Average Frequency		
Max	50.126	9:00:00
Min	49.922	16:45:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	71
above 50.00 Hz	135
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:03:30

No. of hours freq outside 49.9-50.05 Hz	7:05:10
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Source : BARH 10 Sec. (8640 samples)