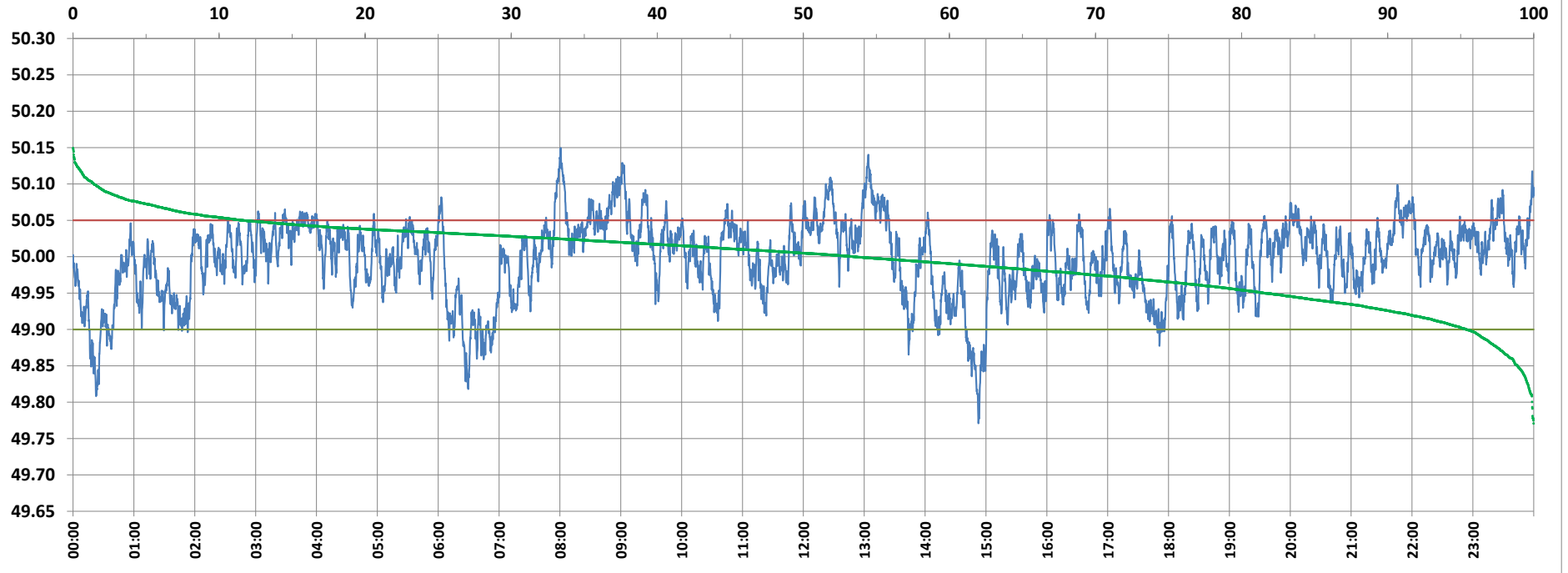


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-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	4.62	27.38	0.10	4.51	41.86	52.09	1.42	83.73	100.00	44.50	10.23	53.52	28.11	11.66	0.00	18.46	69.88	13.84

Average Frequency : 49.997	Frequency Variation Index : 0.0278	Standard Deviation : 0.0526	Mileage: 45.0	FDI: 16.3
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Instantaneous Frequency		
Max	50.150	8:00:40
Min	49.771	14:52:30

15 minute Average Frequency		
Max	50.091	13:15:00
Min	49.842	15:00:00

No. of excursions	
above 50.03 Hz	228
below 49.97 Hz	120
above 50.00 Hz	153
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:01:47

No. of hours freq outside 49.9-50.05 Hz	3:54:20
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Source : AGRA 10 Sec. (8640 samples)