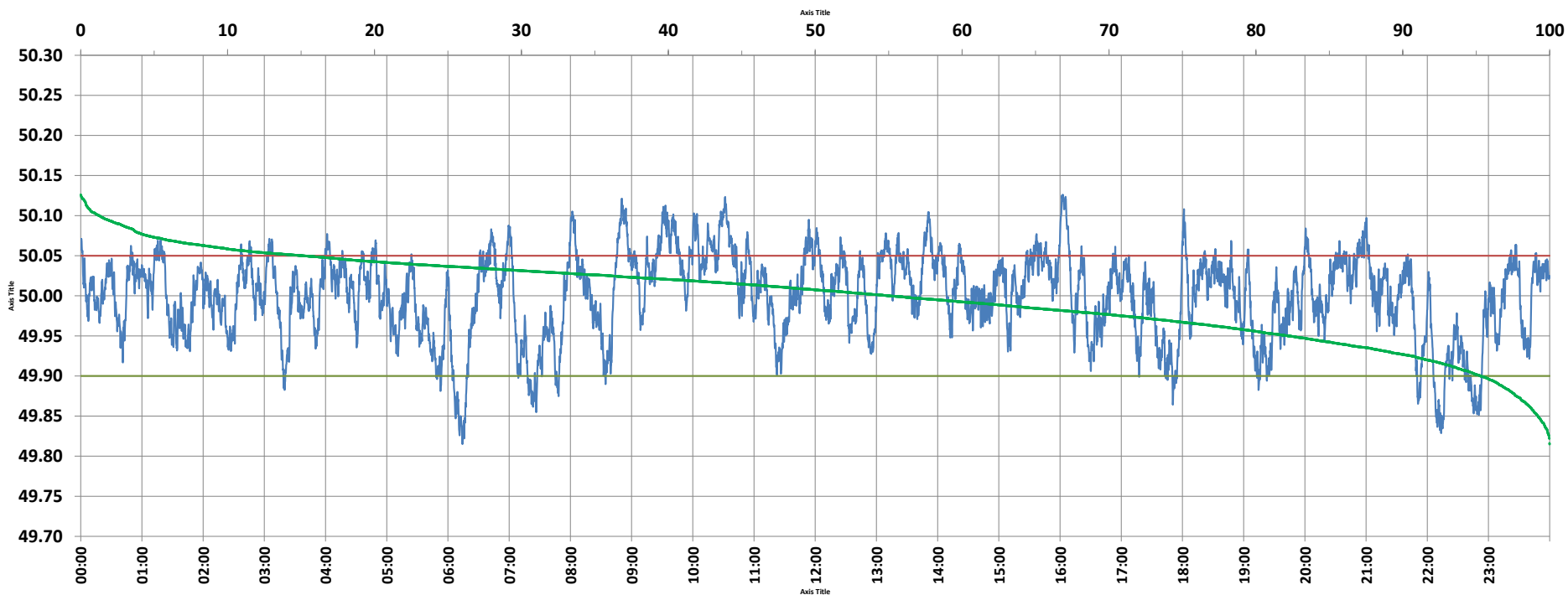


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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	4.71	26.39	0.00	4.71	40.22	53.82	1.25	80.17	100.00	42.34	13.87	55.07	31.27	15.12	0.00	17.74	67.14	13.03

Average Frequency : 49.999	Frequency Variation Index : 0.0277	Standard Deviation : 0.0527	Mileage: 45.5	FDI: 19.8
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Instantaneous Frequency		
Max	50.126	16:02:40
Min	49.815	6:14:10

15 minute Average Frequency		
Max	50.084	9:45:00
Min	49.889	6:15:00

No. of excursions	
above 50.03 Hz	210
below 49.97 Hz	121
above 50.00 Hz	167
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:08
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	4:45:30
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Source : AGRA 10 Sec. (8640 samples)