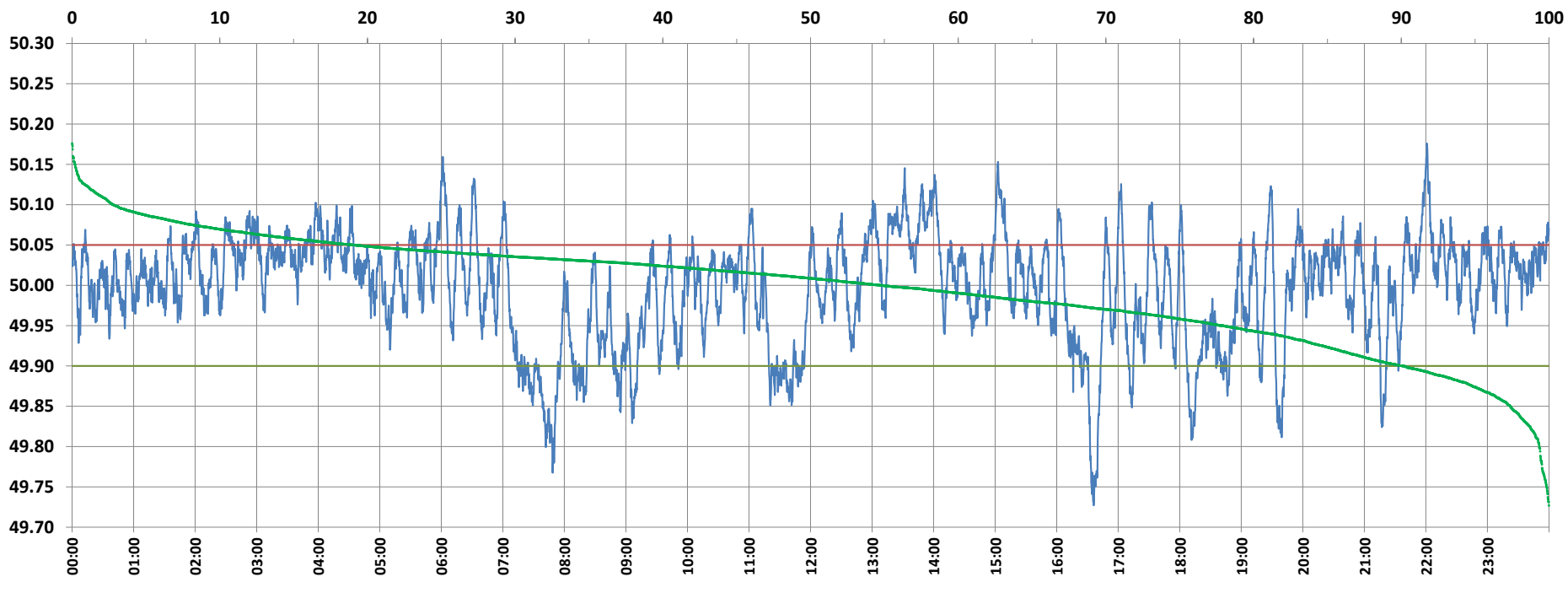


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Jan-2022 (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	9.90	29.90	0.66	9.24	35.31	52.01	2.78	71.00	100.00	35.10	16.33	54.79	35.00	19.11	0.00	22.16	58.73	12.27

Average Frequency : 49.996	Frequency Variation Index : 0.0439	Standard Deviation : 0.0662	Mileage: 48.1	FDI: 29.0
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Instantaneous Frequency	
Max	50.176 22:00:50
Min	49.727 16:36:00

15 minute Average Frequency	
Max	50.093 14:00:00
Min	49.819 16:45:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	124
above 50.00 Hz	144
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:03:28
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	6:57:40
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Source : AGRA 10 Sec. (8640 samples)