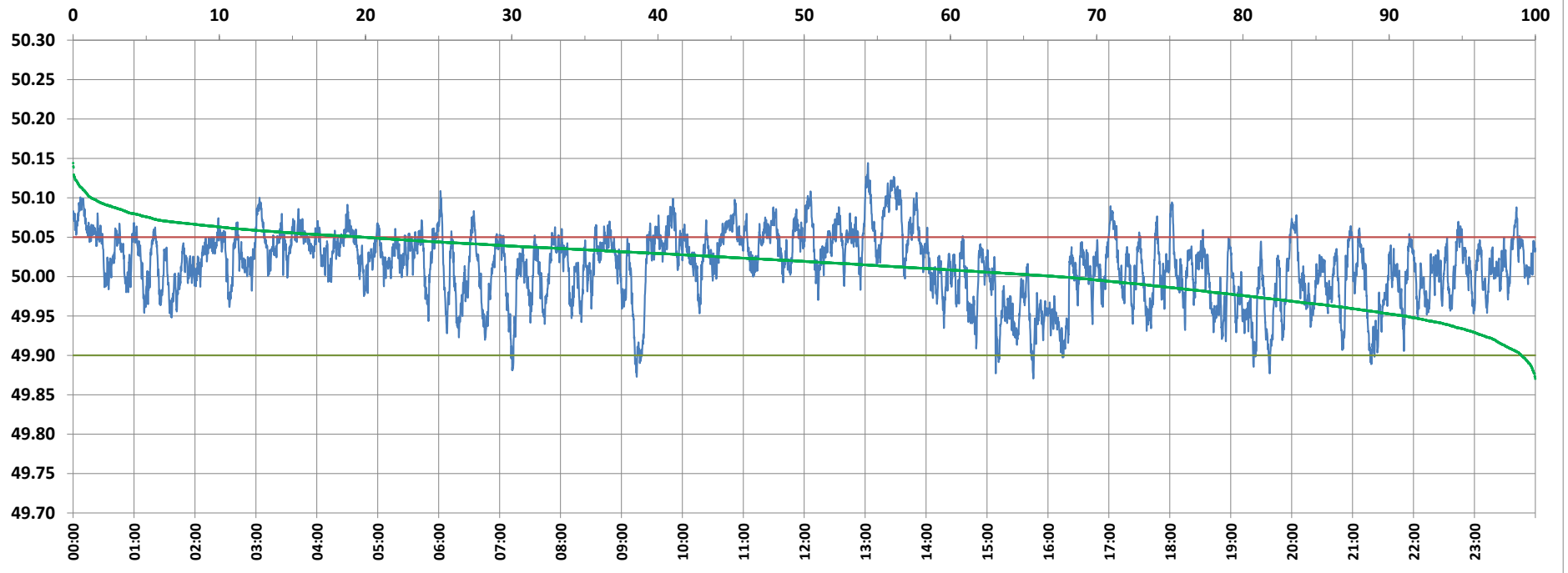


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-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	0.95	17.15	0.00	0.95	31.75	66.06	1.24	79.18	100.00	43.50	18.63	67.30	39.35	19.87	0.00	8.99	71.13	8.04

Average Frequency : 50.014	Frequency Variation Index : 0.0207	Standard Deviation : 0.0434	Mileage: 45.4	FDI: 20.8
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Instantaneous Frequency		
Max	50.144	13:02:40
Min	49.870	15:45:30

15 minute Average Frequency		
Max	50.094	13:30:00
Min	49.928	21:30:00

No. of excursions	
above 50.03 Hz	219
below 49.97 Hz	116
above 50.00 Hz	174
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	4:59:50
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Source : AGRA 10 Sec. (8640 samples)