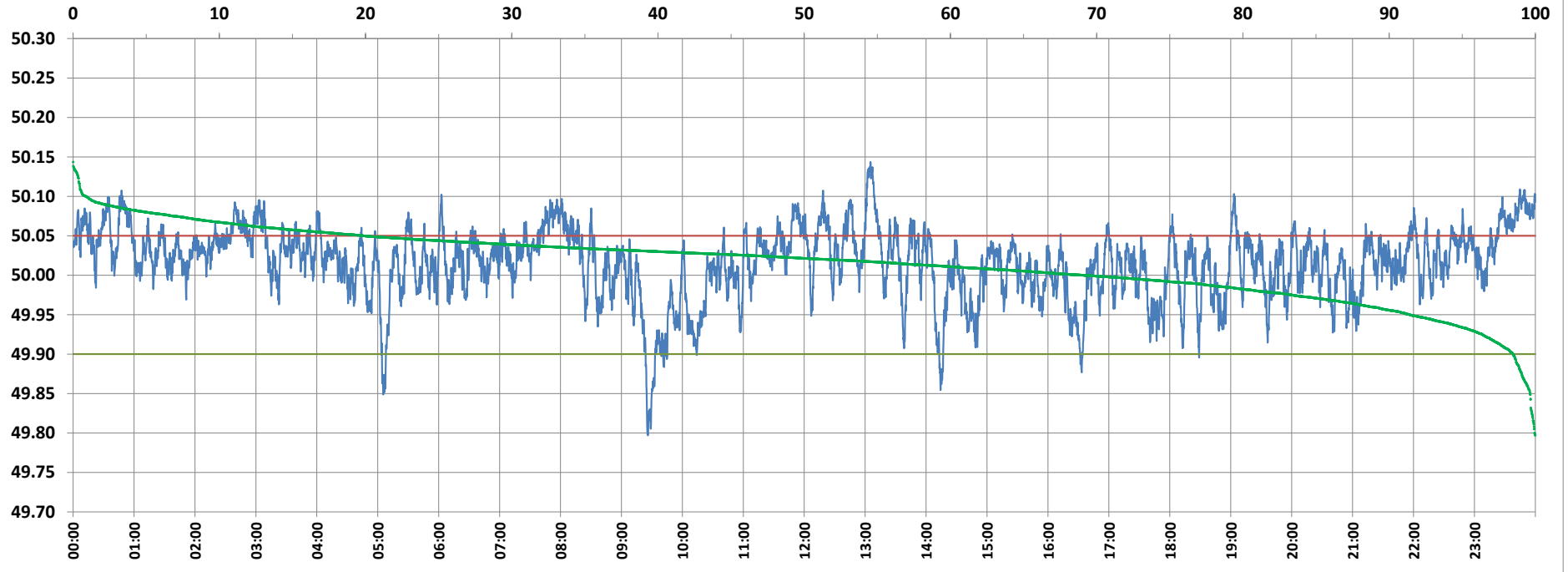


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Jul-2021 (Wednesday)



<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	1.53	14.58	0.06	1.47	29.38	68.23	0.87	78.61	100.00	45.42	18.99	69.10	40.00	19.86	0.00	8.59	71.55	7.06

Average Frequency : 50.015	Frequency Variation Index : 0.0224	Standard Deviation : 0.0448	Mileage: 47.3	FDI: 21.4
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Instantaneous Frequency		
Max	50.144	13:05:10
Min	49.797	9:26:00

15 minute Average Frequency		
Max	50.099	13:15:00
Min	49.901	9:45:00

No. of excursions	
above 50.03 Hz	274
below 49.97 Hz	96
above 50.00 Hz	215
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:02:11
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	5:08:00
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Source : AGRA 10 Sec. (8640 samples)