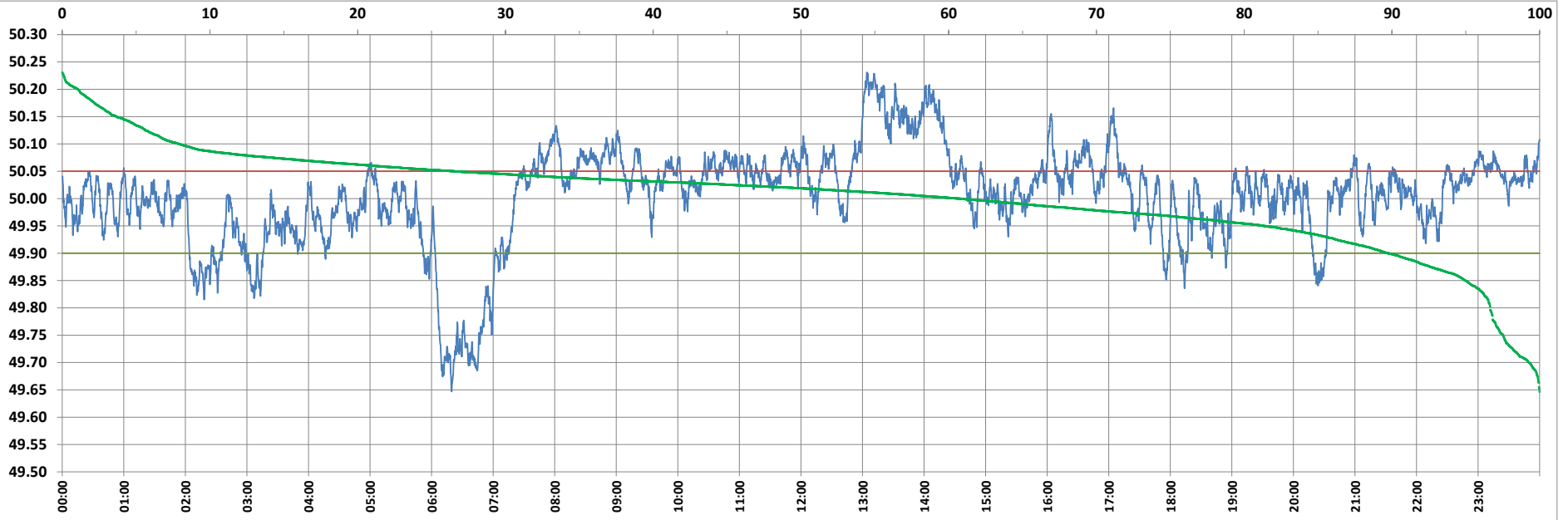


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Jul-2022 (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
0.72	10.25	25.88	2.63	6.91	29.04	52.81	6.85	63.17	98.24	32.87	18.68	60.71	41.25	26.57	1.04	18.63	54.79	8.38

Average Frequency : 50.005	Frequency Variation Index : 0.0755	Standard Deviation : 0.0869	Mileage: 42.0	FDI: 36.8
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Instantaneous Frequency		
Max	50.231	13:04:20
Min	49.647	6:19:30

15 minute Average Frequency			
Max	50.205	13:15:00	
Min	49.713	6:30:00	

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	97
above 50.00 Hz	116
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:03:51
above 50.03	0:03:37

No. of hours freq outside 49.9-50.05 Hz	8:50:20
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Source : AGRA 10 Sec. (8640 samples)