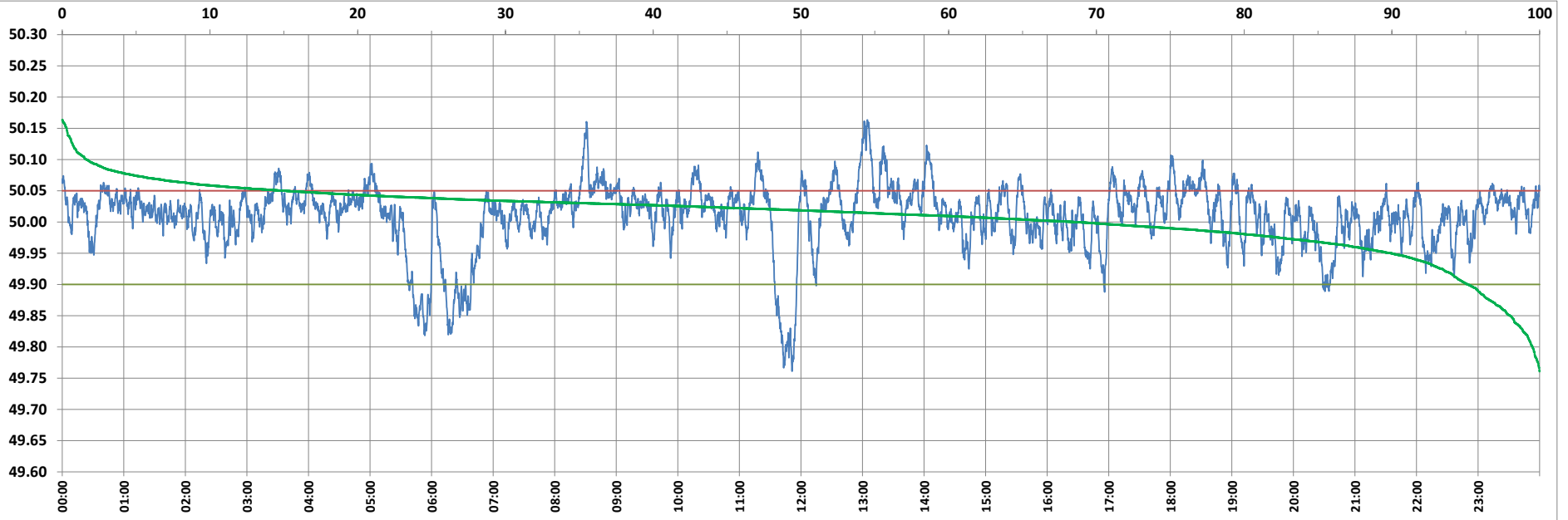


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-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
0.00	4.83	15.69	0.47	4.35	26.66	66.89	1.63	80.07	100.00	48.75	13.47	68.52	35.56	15.10	0.00	10.05	74.85	5.22

Average Frequency : 50.009	Frequency Variation Index : 0.0281	Standard Deviation : 0.0522	Mileage: 39.6	FDI: 19.9
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Instantaneous Frequency		
Max	50.163	13:04:30
Min	49.761	11:51:20

15 minute Average Frequency			
Max	50.101	13:15:00	
Min	49.858	6:00:00	

No. of excursions	
above 50.03 Hz	229
below 49.97 Hz	84
above 50.00 Hz	162
below 50.00 Hz	161

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	4:47:00
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Source : AGRA 10 Sec. (8640 samples)