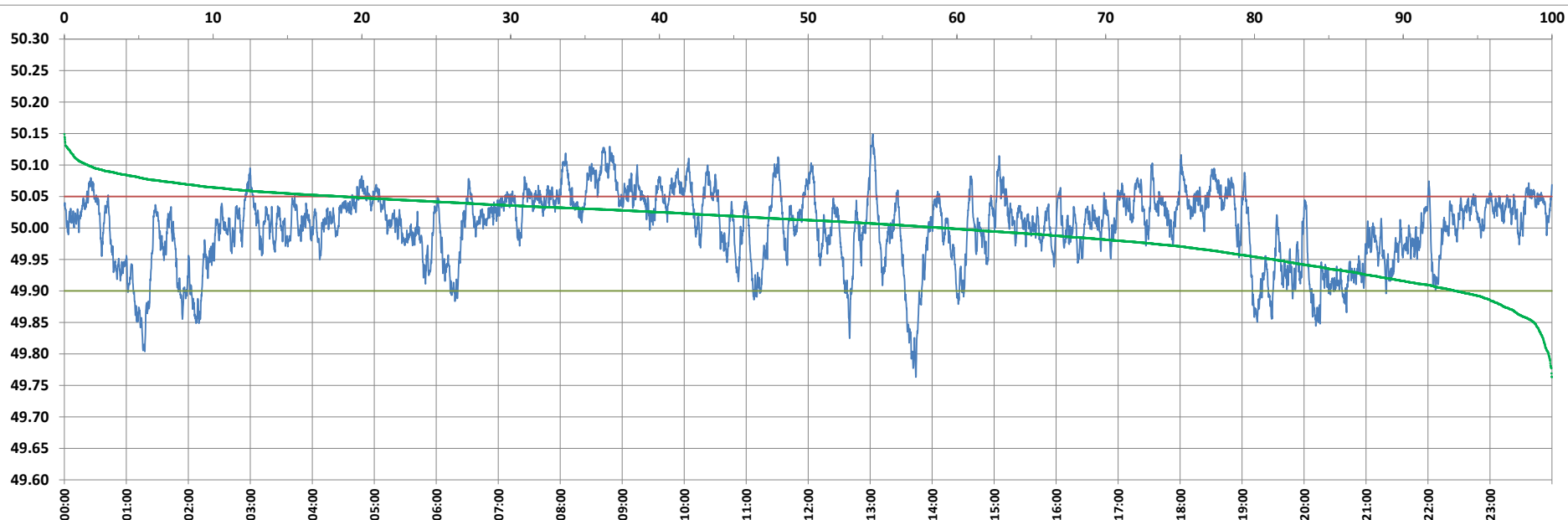


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jul-2022 (Tuesday)



<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	6.45	24.71	0.23	6.22	34.34	57.63	1.59	74.91	100.00	39.62	17.06	59.21	35.67	18.65	0.00	18.75	62.60	12.30

Average Frequency : 50.001	Frequency Variation Index : 0.0336	Standard Deviation : 0.0579	Mileage: 40.9	FDI: 25.1
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Instantaneous Frequency		
Max	50.149	13:02:30
Min	49.763	13:44:10

15 minute Average Frequency			
Max	50.092	8:45:00	
Min	49.852	13:45:00	

No. of excursions	
above 50.03 Hz	177
below 49.97 Hz	83
above 50.00 Hz	153
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:04:17
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	6:01:20
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Source : BARH 10 Sec. (8640 samples)