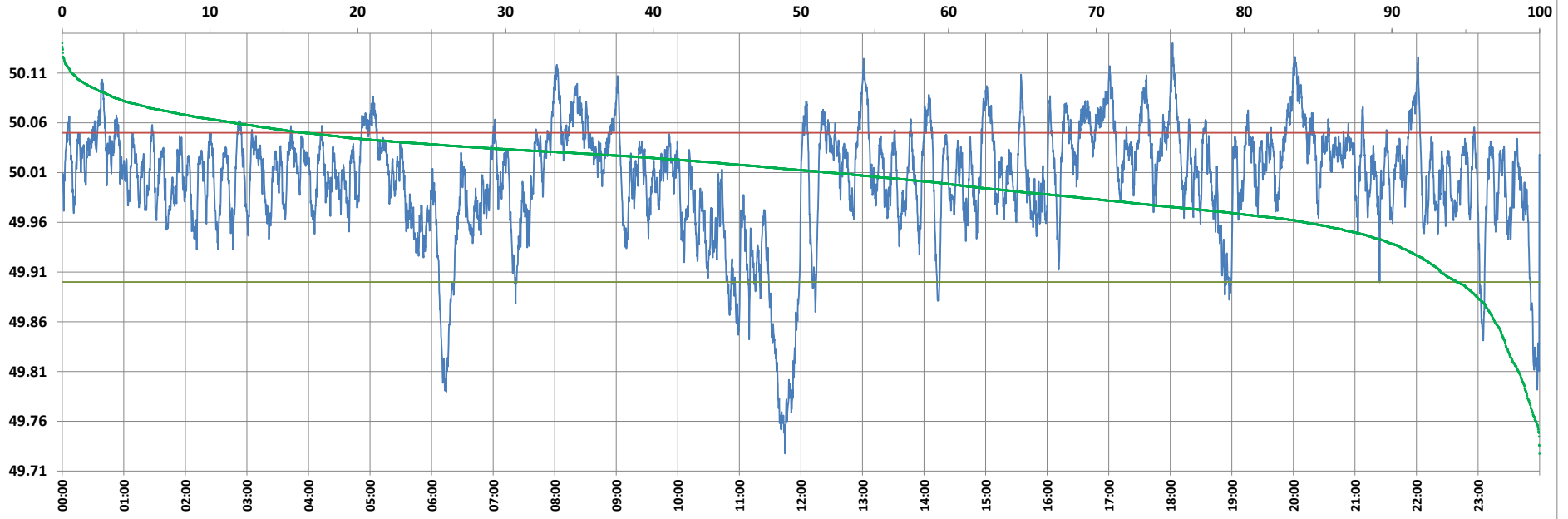


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jun-2022 (Saturday)



<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	5.60	21.17	1.16	4.44	35.23	57.69	1.48	78.03	100.00	44.56	14.88	59.17	34.27	16.37	0.00	12.56	71.08	6.96

Average Frequency : 50.003	Frequency Variation Index : 0.0330	Standard Deviation : 0.0574	Mileage: 41.9	FDI: 22.0
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Instantaneous Frequency		
Max	50.140	18:02:10
Min	49.727	11:44:30

15 minute Average Frequency			
Max	50.082	20:15:00	
Min	49.802	11:45:00	

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	129
above 50.00 Hz	164
below 50.00 Hz	163

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:02:31

No. of hours freq outside 49.9-50.05 Hz	5:16:20
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Source : BHADRAWATHI 10 Sec. (8640 samples)