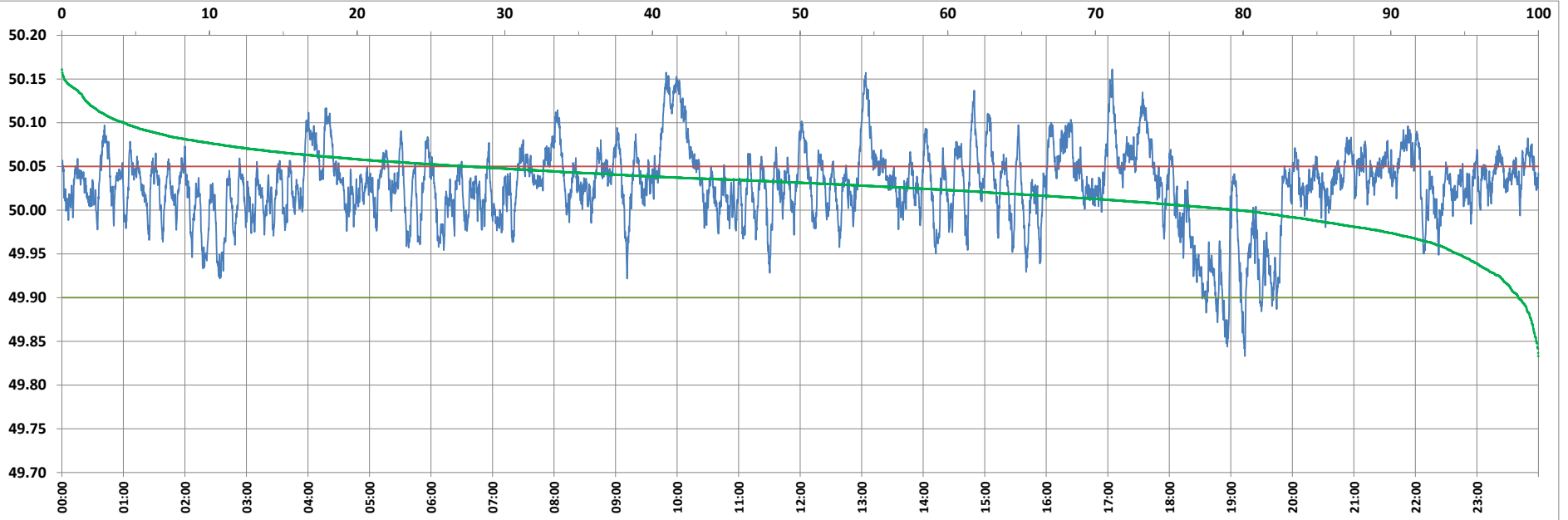


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-May-2022 (Thursday)



<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	1.35	8.94	0.00	1.35	18.99	75.45	4.20	71.10	100.00	39.20	23.34	79.65	51.86	27.55	0.00	5.47	66.98	4.12

Average Frequency : 50.028	Frequency Variation Index : 0.0271	Standard Deviation : 0.0442	Mileage: 40.4	FDI: 28.9
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Instantaneous Frequency		
Max	50.161	17:04:20
Min	49.833	19:13:40

15 minute Average Frequency			
Max	50.131	10:00:00	
Min	49.901	19:00:00	

No. of excursions	
above 50.03 Hz	248
below 49.97 Hz	52
above 50.00 Hz	135
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	6:56:10
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Source : BALIPARA 10 Sec. (8640 samples)