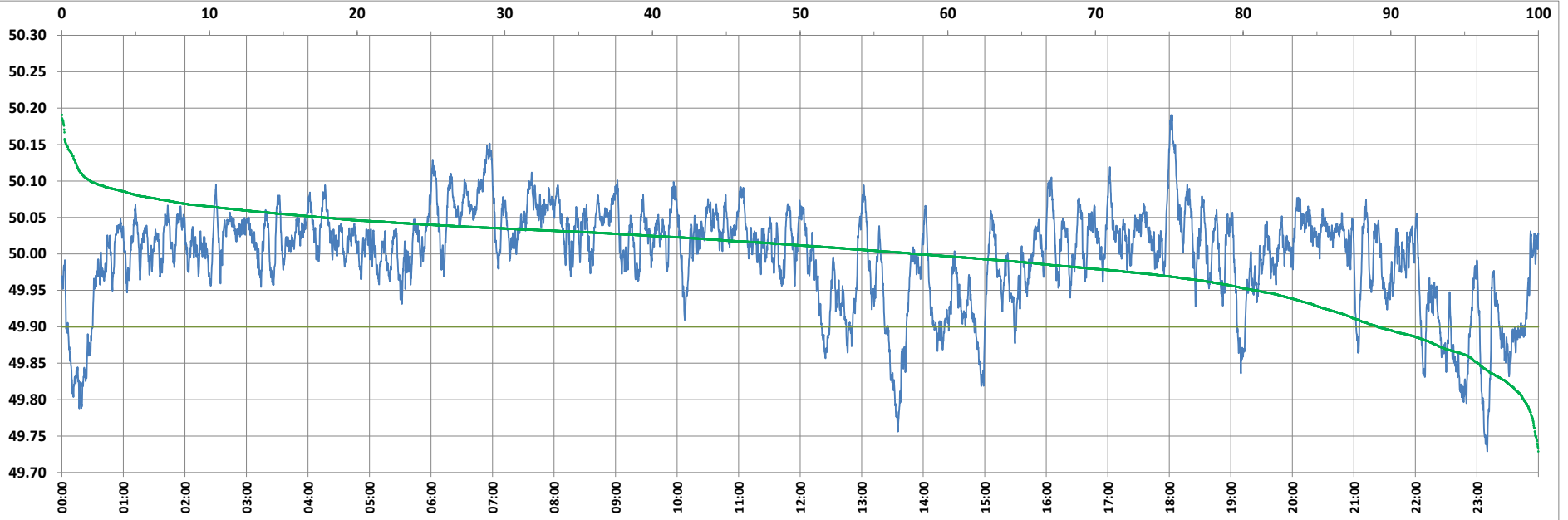


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-May-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	10.90	25.39	0.98	9.92	31.24	55.95	1.91	71.50	100.00	39.27	15.69	57.86	35.34	17.59	0.00	19.13	63.28	8.23

Average Frequency : 49.997	Frequency Variation Index : 0.0447	Standard Deviation : 0.0669	Mileage: 41.9	FDI: 28.5
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Instantaneous Frequency		
Max	50.191	18:02:40
Min	49.729	23:10:00

15 minute Average Frequency			
Max	50.115	7:00:00	
Min	49.828	13:45:00	

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	86
above 50.00 Hz	158
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	6:50:20
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Source : BALIPARA 10 Sec. (8640 samples)