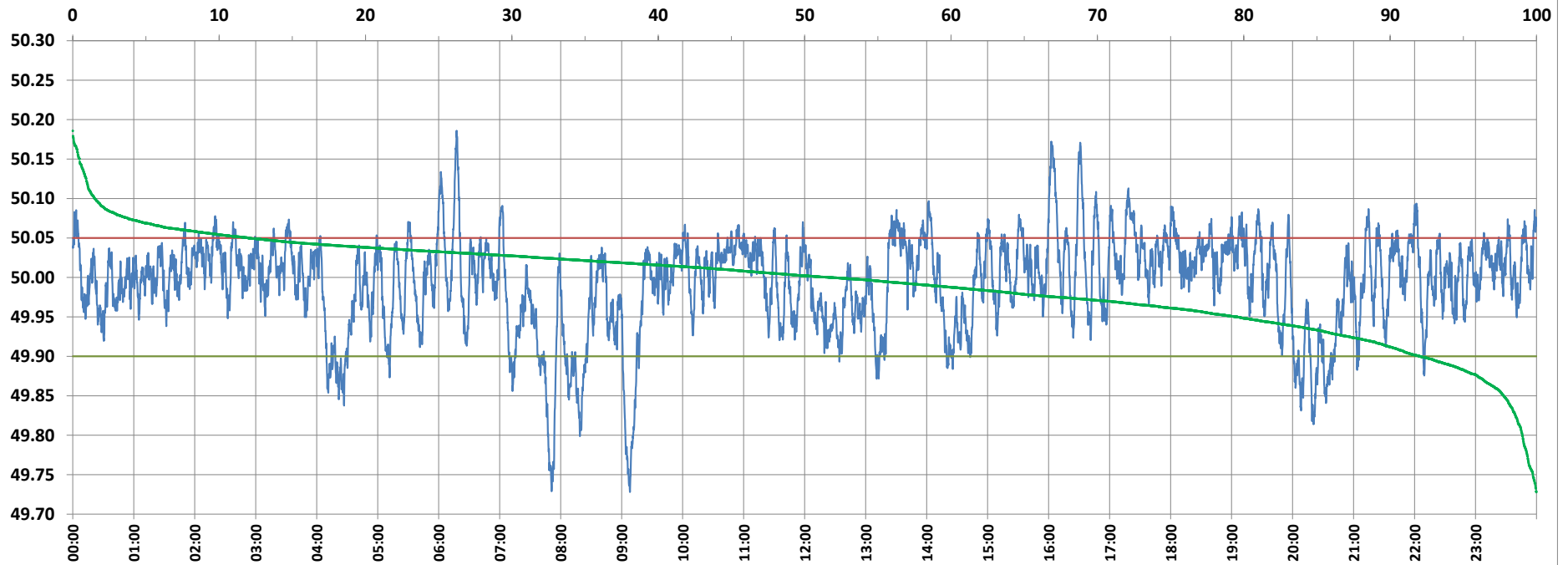


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Dec-2021 (Sunday)



<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	7.94	29.32	0.97	6.97	40.25	50.30	1.50	80.07	100.00	43.14	10.49	51.81	27.55	11.99	0.00	20.42	67.59	12.48

Average Frequency : 49.992	Frequency Variation Index : 0.0364	Standard Deviation : 0.0600	Mileage: 48.8	FDI: 19.9
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Instantaneous Frequency		
Max	50.186	6:17:30
Min	49.728	9:08:00

15 minute Average Frequency		
Max	50.075	16:15:00
Min	49.812	9:15:00

No. of excursions	
above 50.03 Hz	218
below 49.97 Hz	141
above 50.00 Hz	196
below 50.00 Hz	195

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:01:49

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