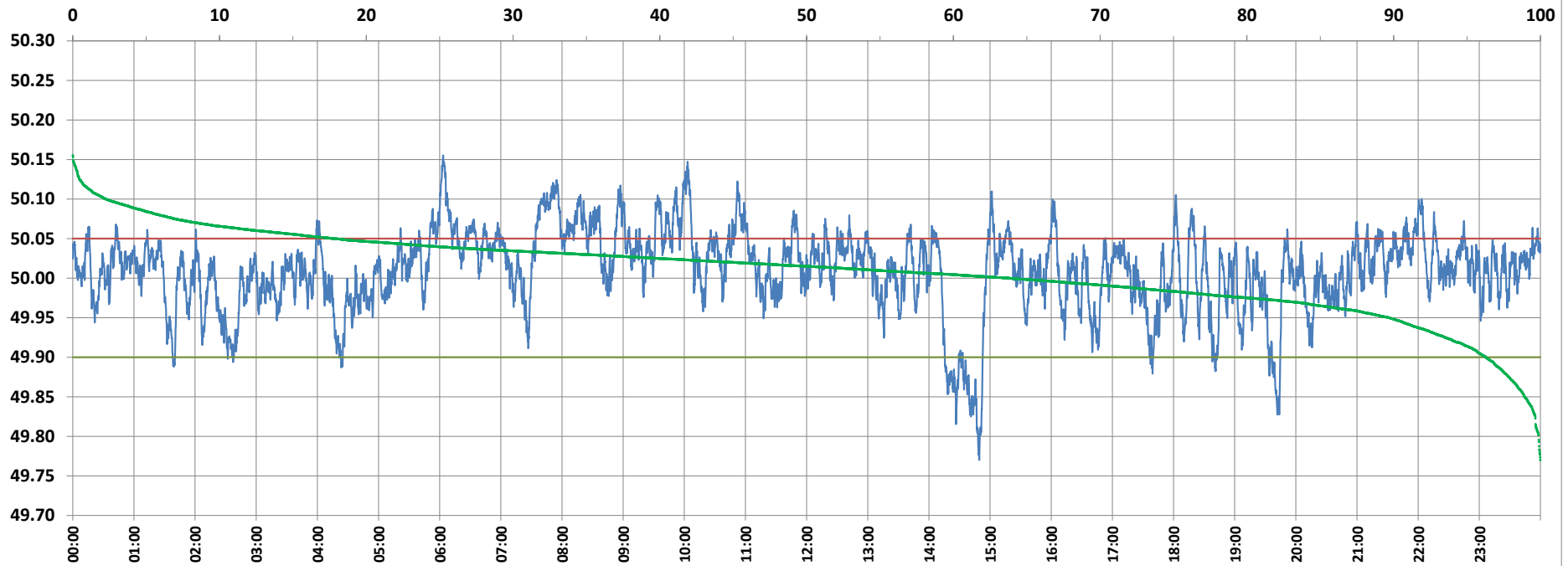


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Sep-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	3.72	16.88	0.12	3.60	32.48	61.55	2.26	78.51	100.00	48.34	15.52	63.81	34.78	17.78	0.00	10.30	71.92	6.59

Average Frequency : 50.009	Frequency Variation Index : 0.0266	Standard Deviation : 0.0508	Mileage: 43.6	FDI: 21.5
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Instantaneous Frequency		
Max	50.155	6:03:20
Min	49.770	14:49:20

15 minute Average Frequency		
Max	50.098	8:00:00
Min	49.866	14:45:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	108
above 50.00 Hz	198
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:02:15
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	5:09:30
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Source : BALIPARA 10 Sec. (8640 samples)