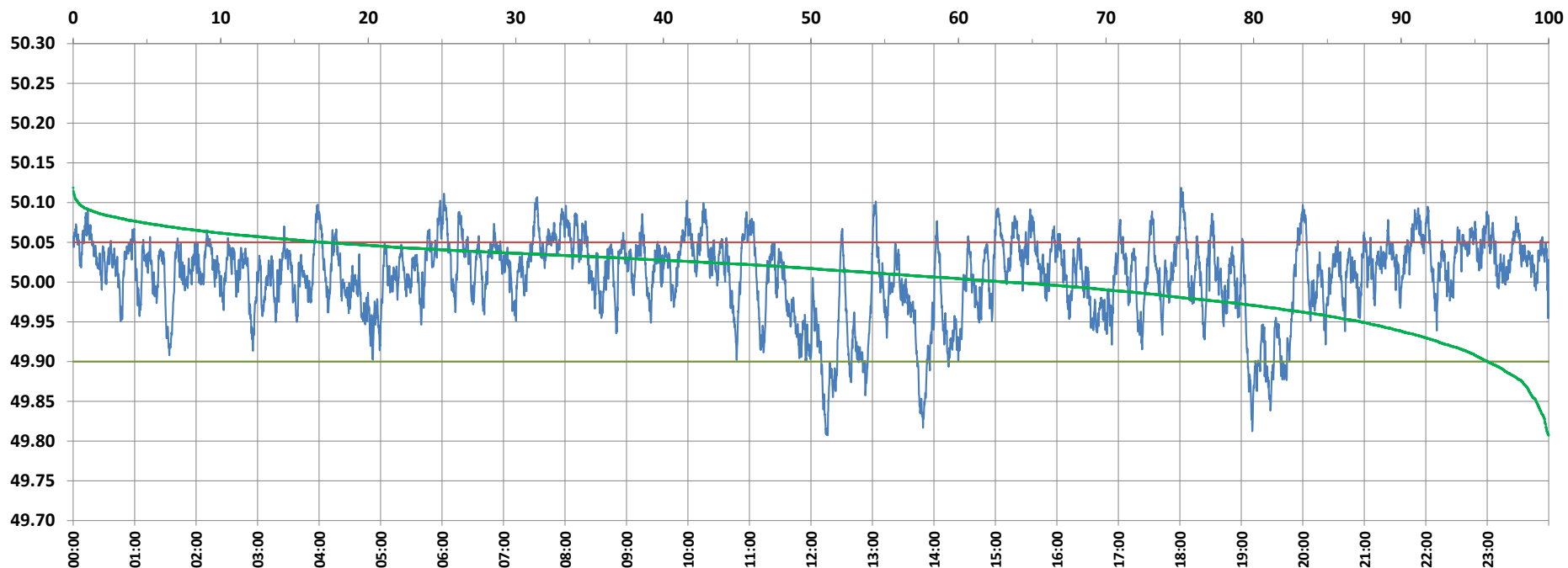


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Aug-2021 (Monday)



<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	4.13	19.70	0.00	4.13	32.60	62.91	0.36	78.90	100.00	42.91	16.61	63.26	37.40	16.97	0.00	12.73	70.30	8.60

Average Frequency : 50.007	Frequency Variation Index : 0.0254	Standard Deviation : 0.0499	Mileage: 43.6	FDI: 21.1
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Instantaneous Frequency		
Max	50.119	18:01:10
Min	49.807	12:16:20

15 minute Average Frequency		
Max	50.064	22:00:00
Min	49.884	14:00:00

No. of excursions	
above 50.03 Hz	230
below 49.97 Hz	97
above 50.00 Hz	188
below 50.00 Hz	187

Average time freq per excursion remains	
below 49.97	0:02:55
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:03:50
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Source : BONGAIGAON 10 Sec. (8640 samples)