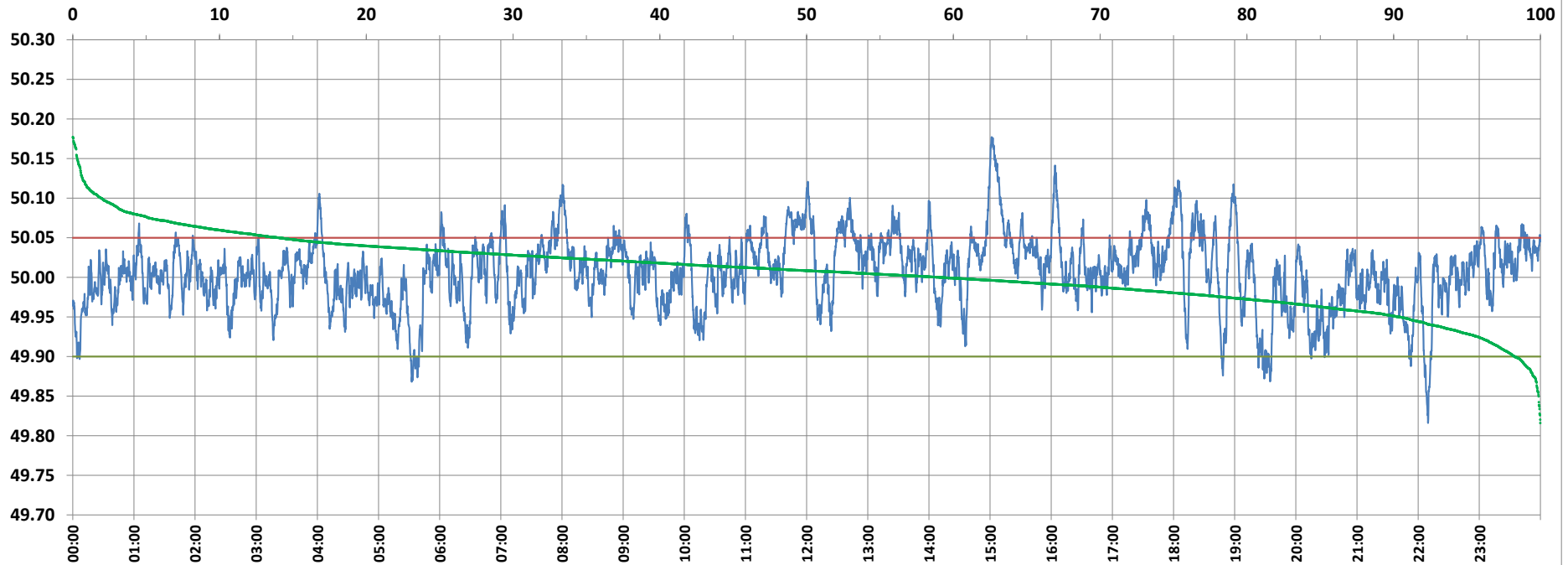


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Aug-2021 (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	1.75	18.55	0.00	1.75	39.06	57.23	1.96	84.22	100.00	53.11	12.08	59.19	28.33	14.03	0.00	9.56	76.41	7.81

Average Frequency : 50.007	Frequency Variation Index : 0.0203	Standard Deviation : 0.0447	Mileage: 40.9	FDI: 15.8
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Instantaneous Frequency	
Max	50.177 15:01:30
Min	49.816 22:09:40

15 minute Average Frequency	
Max	50.121 15:15:00
Min	49.913 5:45:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	123
above 50.00 Hz	212
below 50.00 Hz	212

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	3:47:10
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Source : AGRA 10 Sec. (8640 samples)