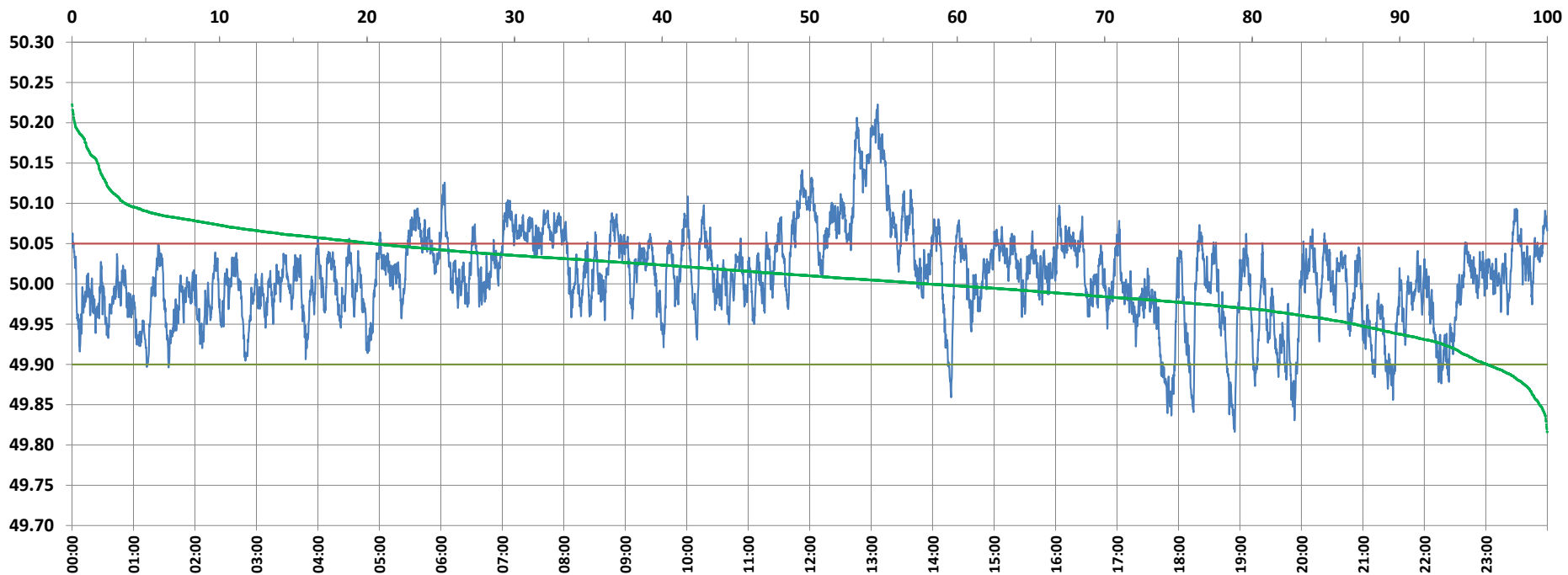


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Aug-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	4.09	20.71	0.00	4.09	37.96	54.38	3.39	75.51	99.81	44.59	16.83	57.95	34.70	20.41	0.19	13.02	66.57	8.94

Average Frequency : 50.009	Frequency Variation Index : 0.0323	Standard Deviation : 0.0562	Mileage: 45.9	FDI: 24.5
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Instantaneous Frequency		
Max	50.223	13:06:20
Min	49.816	18:54:50

15 minute Average Frequency		
Max	50.179	13:15:00
Min	49.895	19:00:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	138
above 50.00 Hz	199
below 50.00 Hz	198

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	5:52:40
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Source : AGRA 10 Sec. (8640 samples)