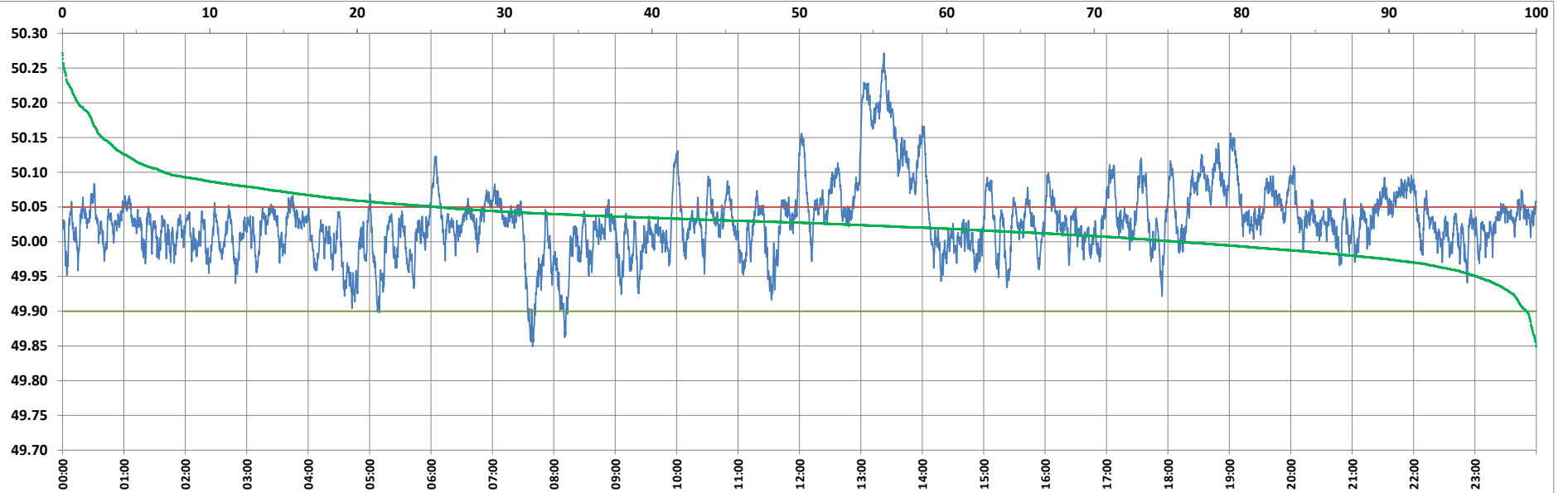


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Aug-2022 (Friday)



<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	0.67	8.31	0.00	0.67	23.54	68.89	5.86	73.94	98.96	45.50	18.50	75.79	46.19	25.39	1.04	4.00	70.60	3.33

Average Frequency : 50.029	Frequency Variation Index : 0.0341	Standard Deviation : 0.0505	Mileage: 42.2	FDI: 26.1
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Instantaneous Frequency	
Max	50.272 13:22:30
Min	49.849 7:39:10

15 minute Average Frequency	
Max	50.212 13:30:00
Min	49.917 7:45:00

No. of excursions	
above 50.03 Hz	254
below 49.97 Hz	84
above 50.00 Hz	158
below 50.00 Hz	157

Average time freq per excursion remains	
below 49.97	0:01:25
above 50.03	0:02:37

No. of hours freq outside 49.9-50.05 Hz	6:15:20
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Source : AGRA 10 Sec. (8640 samples)