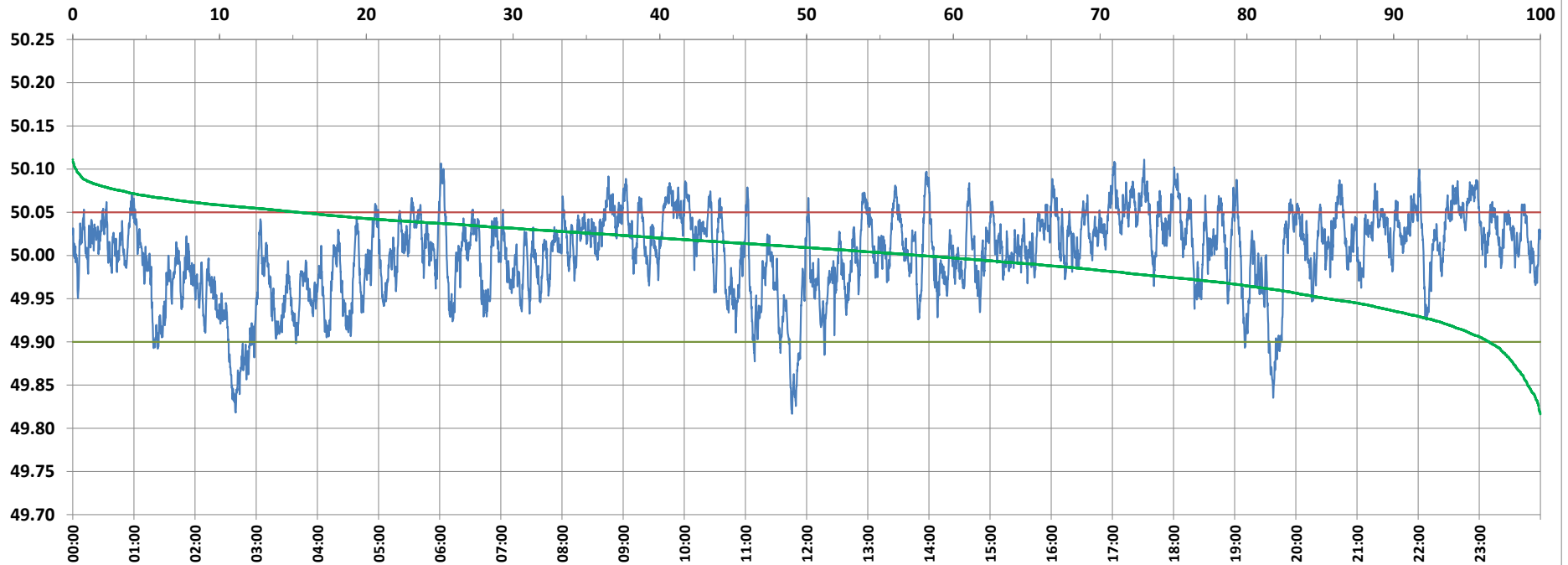


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Aug-2021 (Wednesday)



<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	3.48	22.45	0.00	3.48	38.80	57.50	0.22	81.11	100.00	46.24	15.19	57.72	31.31	15.41	0.00	14.50	70.09	11.02

Average Frequency : 50.002	Frequency Variation Index : 0.0237	Standard Deviation : 0.0486	Mileage: 40.9	FDI: 18.9
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Instantaneous Frequency	
Max	50.111 17:31:10
Min	49.817 11:45:40

15 minute Average Frequency	
Max	50.065 23:00:00
Min	49.866 2:45:00

No. of excursions	
above 50.03 Hz	180
below 49.97 Hz	118
above 50.00 Hz	178
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:02:44
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	4:32:00
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Source : AGRA 10 Sec. (8640 samples)