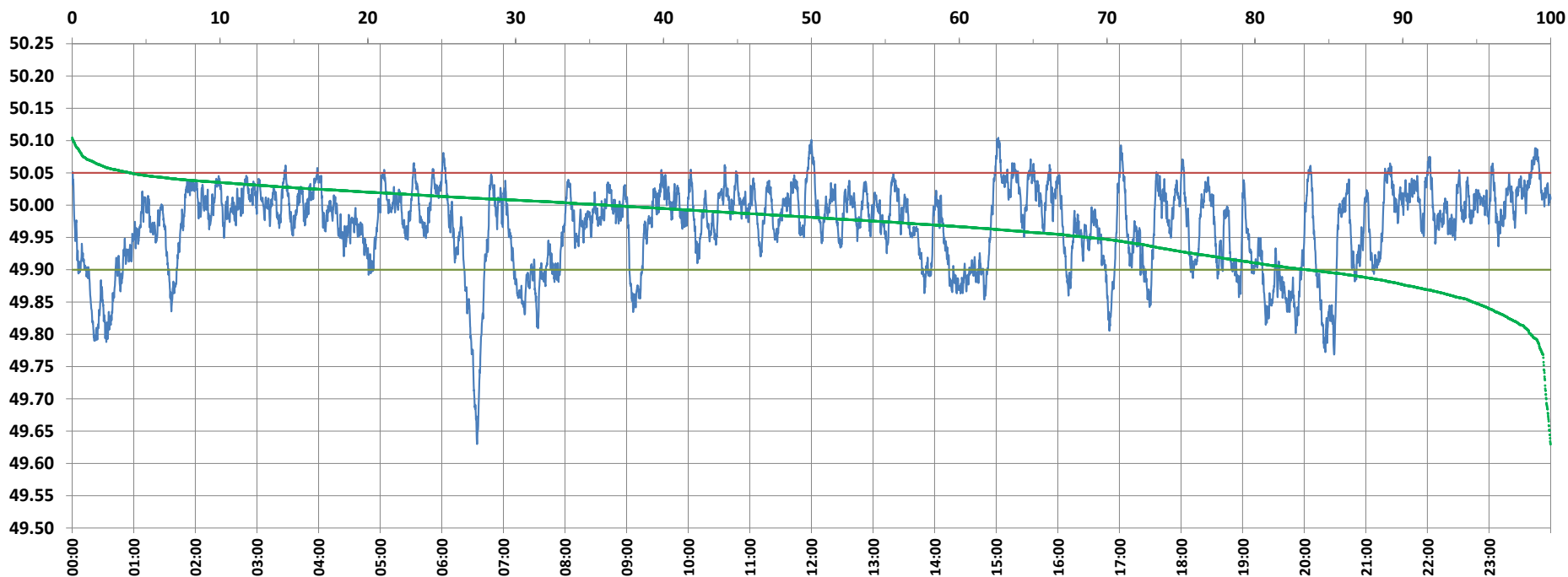


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Aug-2021 (Tuesday)



<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
0.30	16.41	42.14	1.02	15.09	47.43	36.08	0.08	79.69	99.70	44.66	3.82	36.16	13.19	3.90	0.00	31.31	64.79	14.90

Average Frequency : 49.967	Frequency Variation Index : 0.0515	Standard Deviation : 0.0639	Mileage: 42.2	FDI: 20.3
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Instantaneous Frequency		
Max	50.105	15:02:00
Min	49.630	6:34:20

15 minute Average Frequency		
Max	50.050	15:15:00
Min	49.783	6:45:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	131
above 50.00 Hz	170
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:04:38
above 50.03	0:01:26

No. of hours freq outside 49.9-50.05 Hz	4:52:30
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Source : AGRA 10 Sec. (8640 samples)