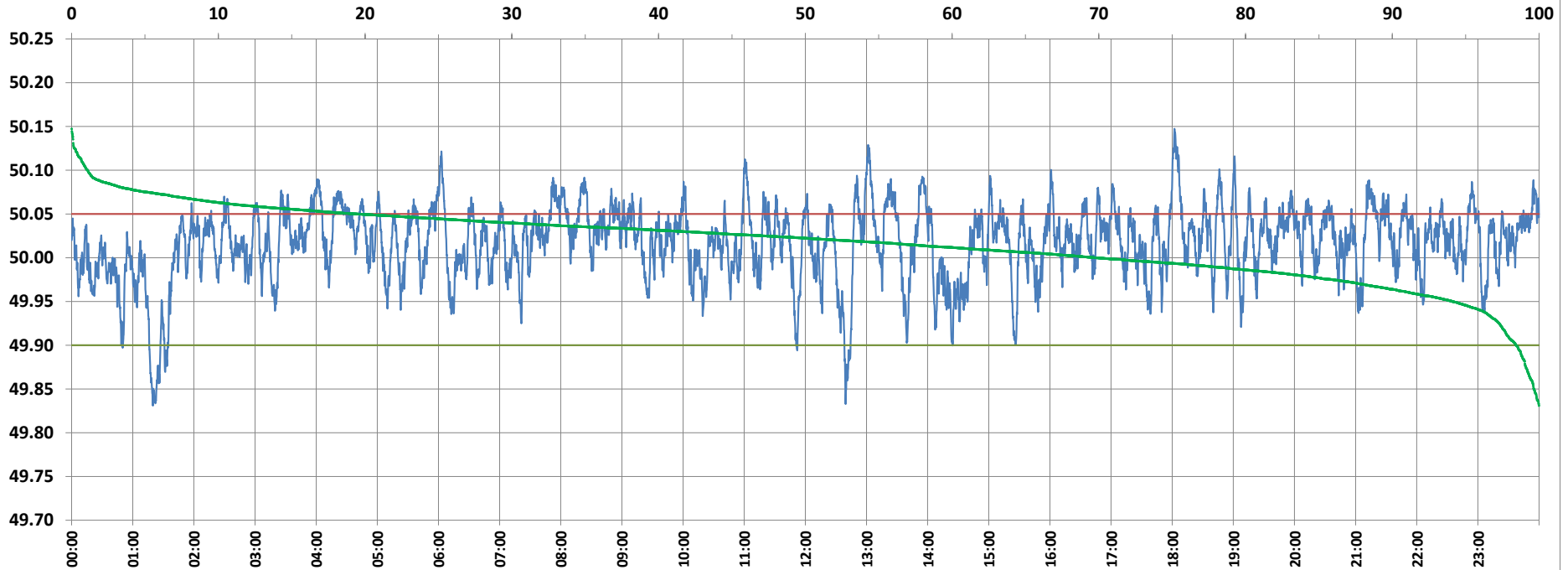


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-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	1.56	12.16	0.00	1.56	28.67	68.67	1.10	78.96	100.00	46.27	18.38	69.76	41.56	19.48	0.00	5.91	74.61	4.35

Average Frequency : 50.017	Frequency Variation Index : 0.0202	Standard Deviation : 0.0417	Mileage: 41.9	FDI: 21.0
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Instantaneous Frequency		
Max	50.147	18:02:10
Min	49.831	1:19:40

15 minute Average Frequency		
Max	50.072	18:15:00
Min	49.877	1:30:00

No. of excursions	
above 50.03 Hz	225
below 49.97 Hz	84
above 50.00 Hz	180
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:02:05
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	5:03:00
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Source : AGRA 10 Sec. (8640 samples)