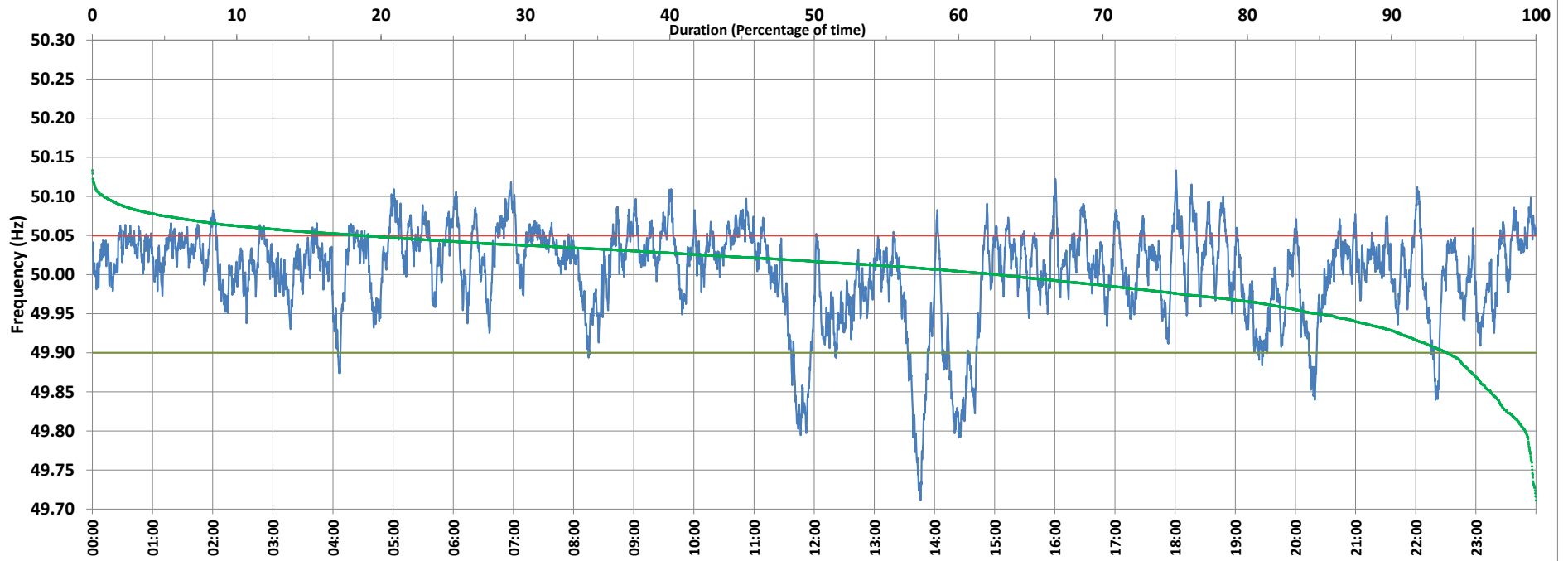


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-May-2021 (Saturday)



<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	6.17	21.97	0.75	5.42	31.15	61.91	0.78	75.31	100.00	40.34	17.74	62.69	37.70	18.52	0.00	15.10	66.38	8.94

Average Frequency : 50.003	Frequency Variation Index : 0.0353	Standard Deviation : 0.0593	Mileage: 43.7	FDI: 24.7
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Instantaneous Frequency		
Max	50.133	18:00:50
Min	49.711	13:46:00

15 minute Average Frequency		
Max	50.078	7:00:00
Min	49.825	14:30:00

No. of excursions	
above 50.03 Hz	207
below 49.97 Hz	104
above 50.00 Hz	145
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:03:03
above 50.03	0:02:37

No. of hours freq outside 49.9-50.05 Hz	5:55:30
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Source : AGRA 10 Sec. (8640 samples)