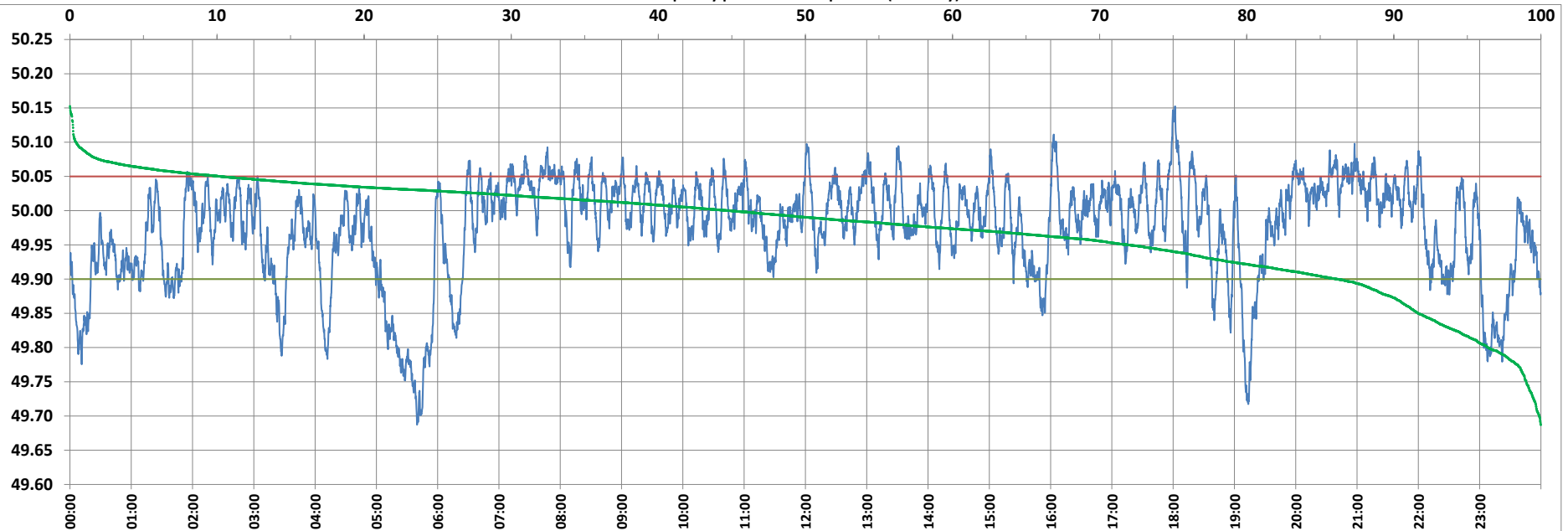


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Apr-2022 (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
0.12	13.84	37.50	3.47	10.25	41.31	44.43	0.42	75.93	99.88	38.45	9.81	44.85	24.05	10.23	0.00	28.02	61.75	14.18

Average Frequency : 49.975	Frequency Variation Index : 0.0602	Standard Deviation : 0.0735	Mileage: 42.5	FDI: 24.1
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Instantaneous Frequency		
Max	50.152	18:01:50
Min	49.687	5:39:40

15 minute Average Frequency		
Max	50.057	8:00:00
Min	49.740	5:45:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	130
above 50.00 Hz	138
below 50.00 Hz	138

Average time freq per excursion remains	
below 49.97	0:04:09
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	5:46:40
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Source : AGRA 10 Sec. (8640 samples)