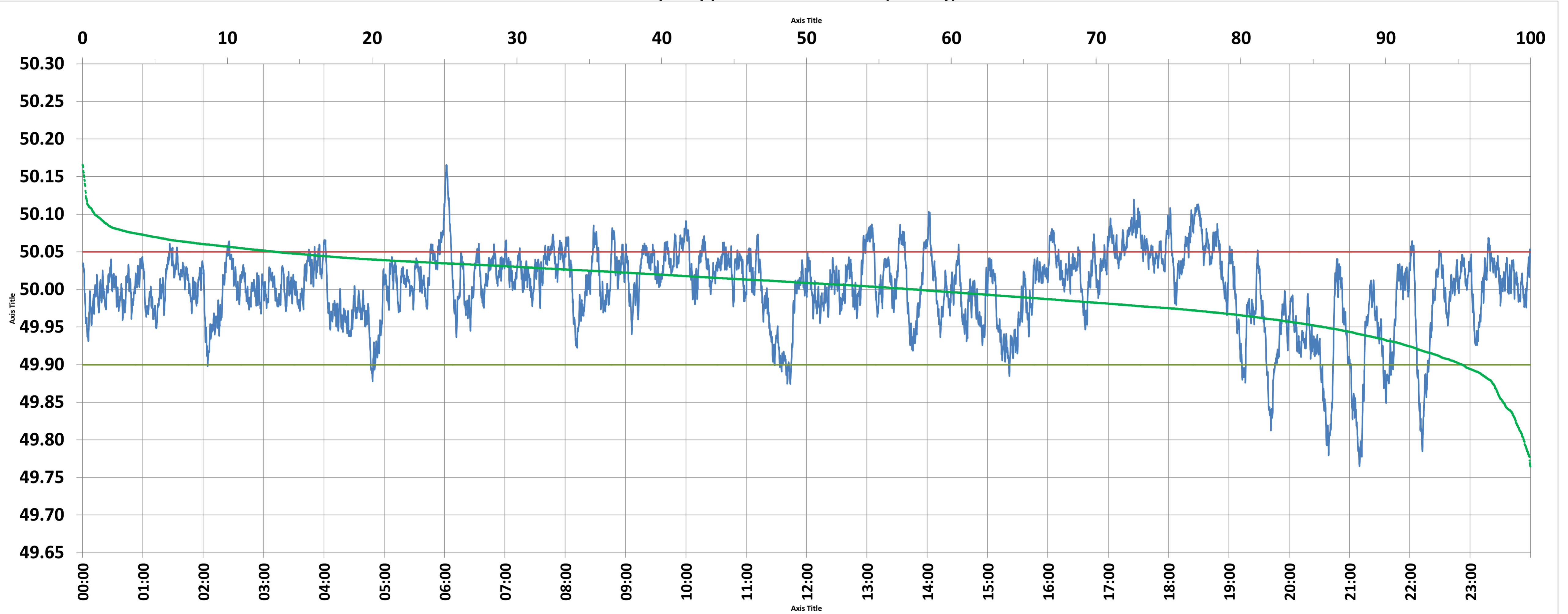


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jun-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
0.00	4.72	22.12	0.46	4.26	37.80	56.64	0.83	81.89	100.00	47.67	12.56	57.48	30.21	13.39	0.00	14.32	72.29	9.59

Average Frequency : 50.000	Frequency Variation Index : 0.0275	Standard Deviation : 0.0524	Mileage: 42.7	FDI: 18.1
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Instantaneous Frequency		
Max	50.166	6:01:40
Min	49.765	21:09:50

15 minute Average Frequency		
Max	50.081	18:30:00
Min	49.833	21:15:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	119
above 50.00 Hz	184
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:02:41
above 50.03	0:02:05

No. of hours freq outside 49.9-50.05 Hz	4:20:50
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Source : AGRA 10 Sec. (8640 samples)