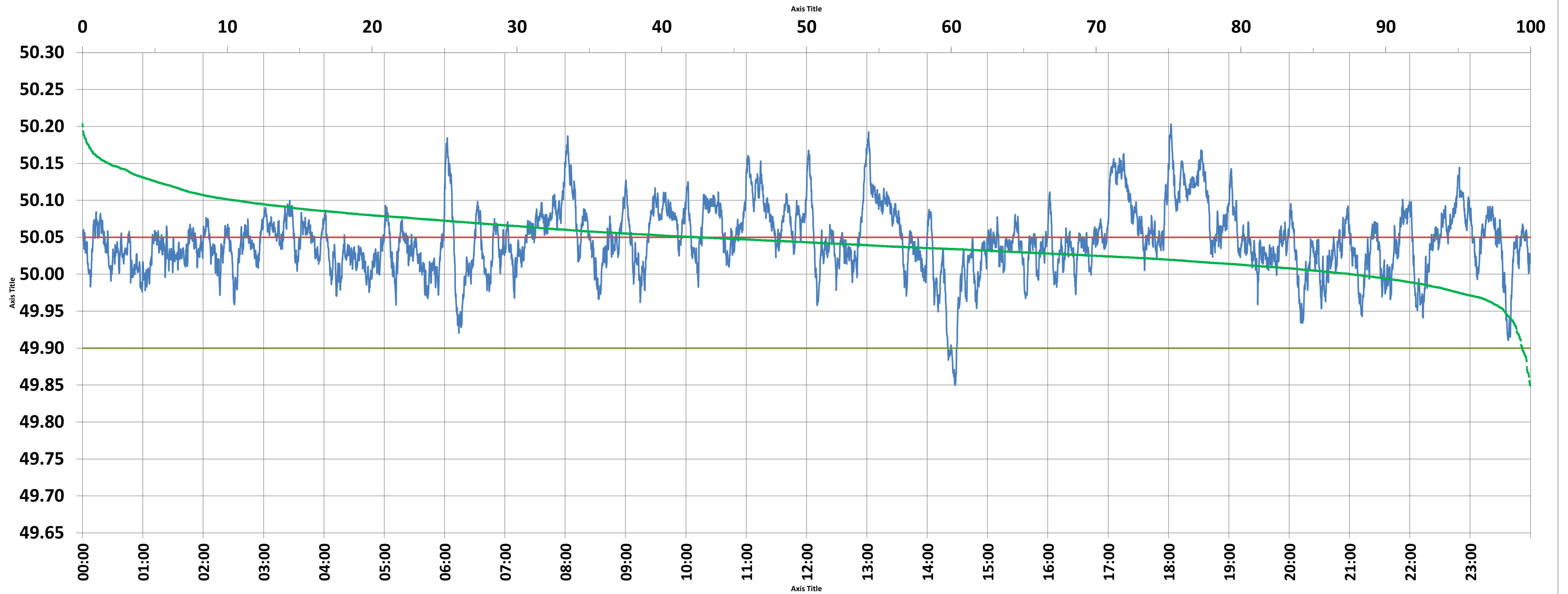


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jun-2021 (Wednesday)



<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	0.56	3.84	0.00	0.56	11.81	77.09	10.51	56.88	99.97	31.55	32.03	87.64	64.61	42.57	0.03	1.81	55.63	1.25

Average Frequency : 50.046	Frequency Variation Index : 0.0411	Standard Deviation : 0.0450	Mileage: 39.7	FDI: 43.1
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Instantaneous Frequency		
Max	50.203	18:02:20
Min	49.850	14:27:50

15 minute Average Frequency		
Max	50.137	18:15:00
Min	49.917	14:30:00

No. of excursions	
above 50.03 Hz	207
below 49.97 Hz	39
above 50.00 Hz	102
below 50.00 Hz	101

Average time freq per excursion remains	
below 49.97	0:01:25
above 50.03	0:04:30

No. of hours freq outside 49.9-50.05 Hz	10:21:00
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Source : AGRA 10 Sec. (8640 samples)