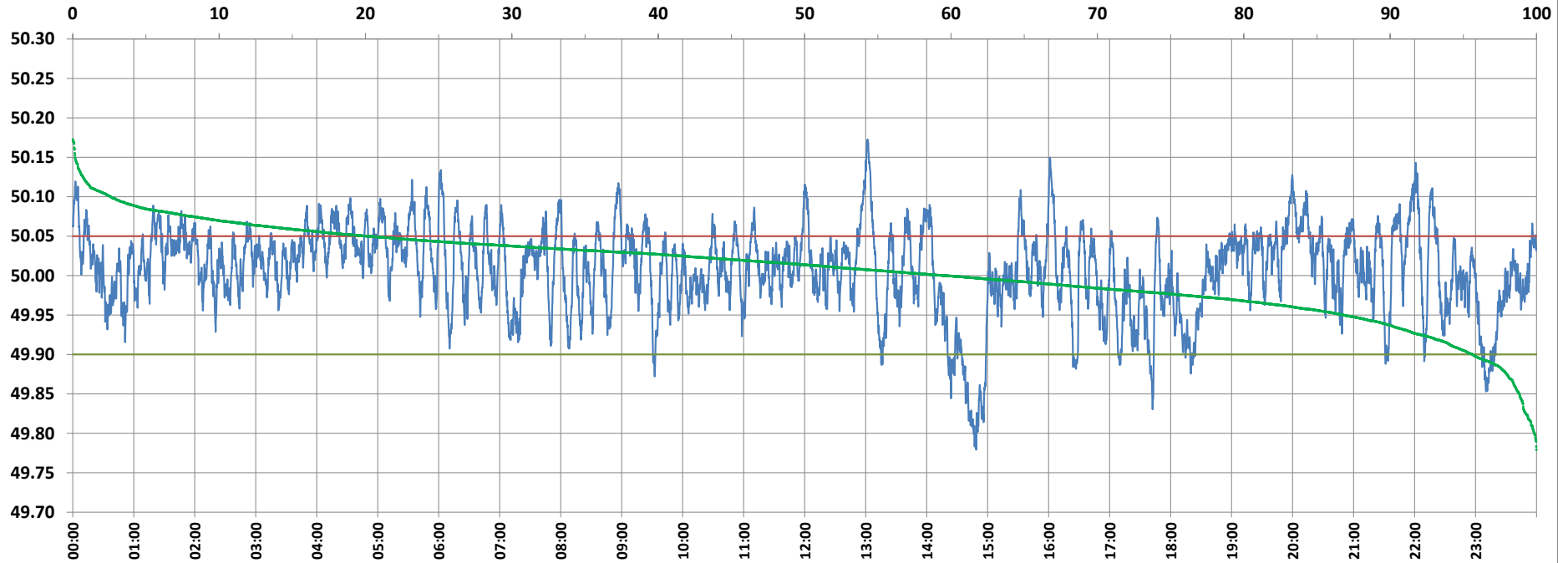


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 27-Nov-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	4.36	20.97	0.14	4.22	35.97	57.05	2.62	75.51	100.00	41.91	17.51	59.66	37.12	20.13	0.00	13.16	66.71	8.80

Average Frequency : 50.007	Frequency Variation Index : 0.0304	Standard Deviation : 0.0547	Mileage: 48.8	FDI: 24.5
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Instantaneous Frequency		
Max	50.173	13:02:00
Min	49.779	14:48:40

15 minute Average Frequency		
Max	50.076	20:15:00
Min	49.838	15:00:00

No. of excursions	
above 50.03 Hz	225
below 49.97 Hz	132
above 50.00 Hz	178
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:02:17
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	5:52:40
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Source : AGRA 10 Sec. (8640 samples)