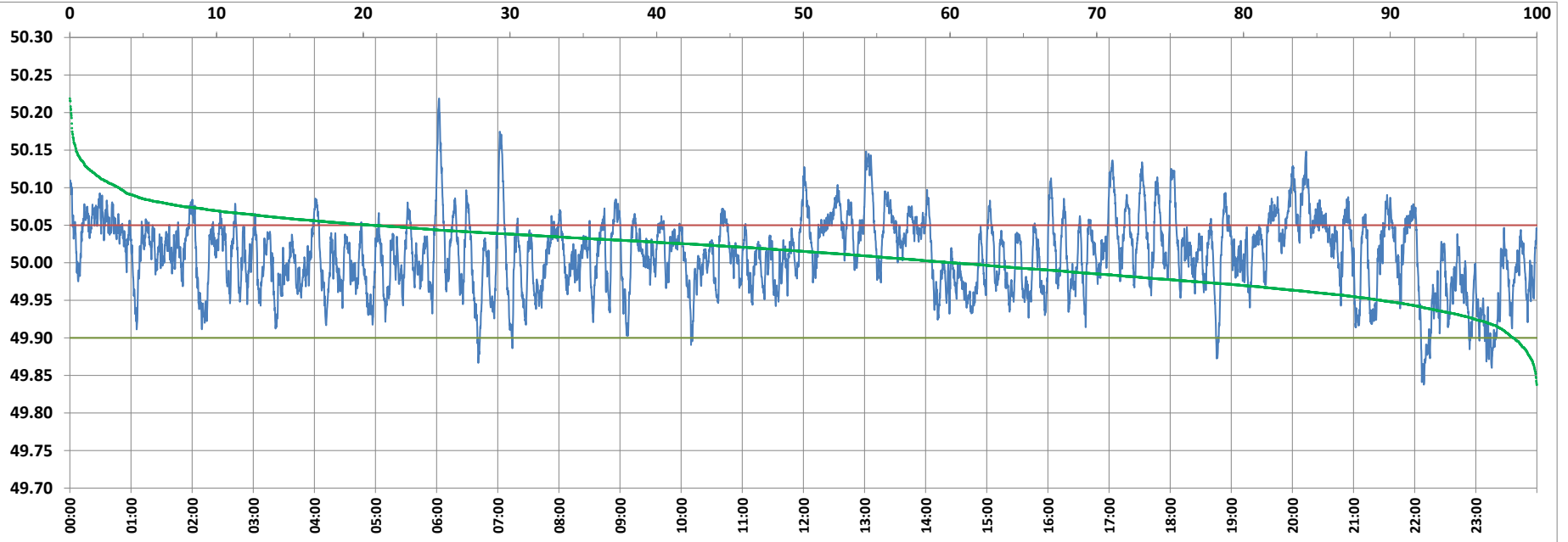


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Jan-2022 (Thursday)



<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	1.62	20.13	0.00	1.62	38.15	56.90	3.25	77.74	99.92	42.21	17.30	60.23	37.66	20.64	0.08	10.60	68.76	8.98

Average Frequency : 50.011	Frequency Variation Index : 0.0256	Standard Deviation : 0.0493	Mileage: 47.2	FDI: 22.3
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Instantaneous Frequency		
Max	50.219	6:02:20
Min	49.838	22:09:00

15 minute Average Frequency		
Max	50.090	20:15:00
Min	49.920	23:15:00

No. of excursions	
above 50.03 Hz	209
below 49.97 Hz	137
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:02:07
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	5:20:30
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Source : AGRA 10 Sec. (8640 samples)