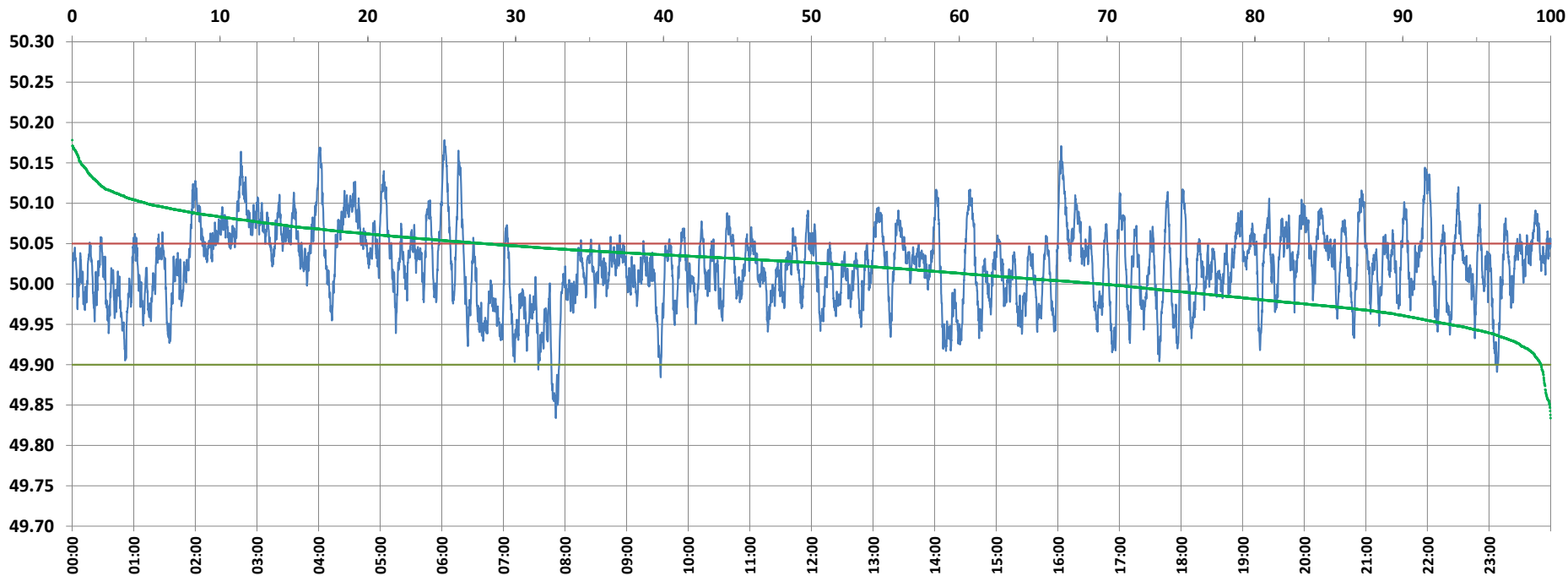


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Dec-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	0.65	13.70	0.00	0.65	29.77	64.57	5.01	71.52	100.00	39.84	22.82	69.58	46.46	27.84	0.00	6.81	65.36	6.16

Average Frequency : 50.023	Frequency Variation Index : 0.0285	Standard Deviation : 0.0483	Mileage: 46.0	FDI: 28.5
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Instantaneous Frequency		
Max	50.178	6:02:30
Min	49.834	7:51:00

15 minute Average Frequency		
Max	50.093	16:15:00
Min	49.918	8:00:00

No. of excursions	
above 50.03 Hz	216
below 49.97 Hz	113
above 50.00 Hz	158
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:01:45
above 50.03	0:03:06

No. of hours freq outside 49.9-50.05 Hz	6:50:10
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Source : AGRA 10 Sec. (8640 samples)