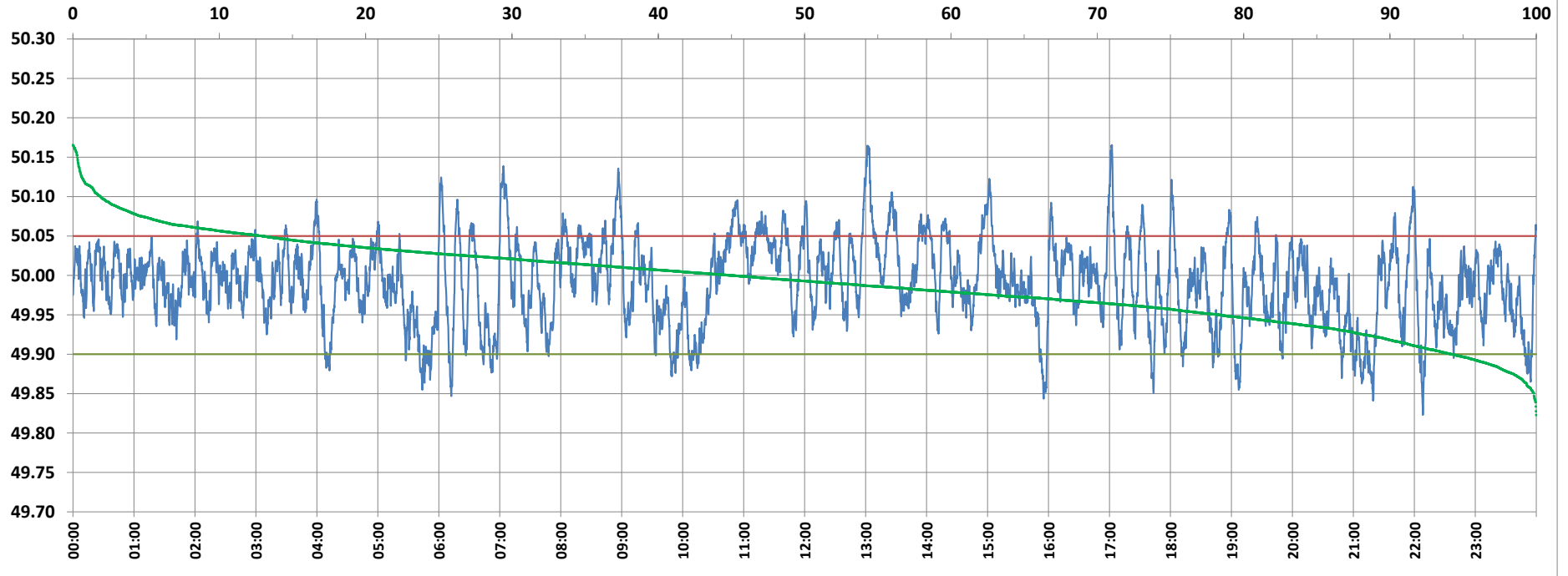


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jan-2022 (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	5.75	33.04	0.00	5.75	49.20	43.17	1.88	81.31	100.00	43.55	11.06	45.05	23.40	12.94	0.00	21.63	65.43	15.88

Average Frequency : 49.991	Frequency Variation Index : 0.0293	Standard Deviation : 0.0534	Mileage: 47.6	FDI: 18.7
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Instantaneous Frequency		
Max	50.165	17:02:20
Min	49.823	22:08:20

15 minute Average Frequency		
Max	50.078	13:15:00
Min	49.898	21:15:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	169
above 50.00 Hz	190
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:29:10
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Source : AGRA 10 Sec. (8640 samples)