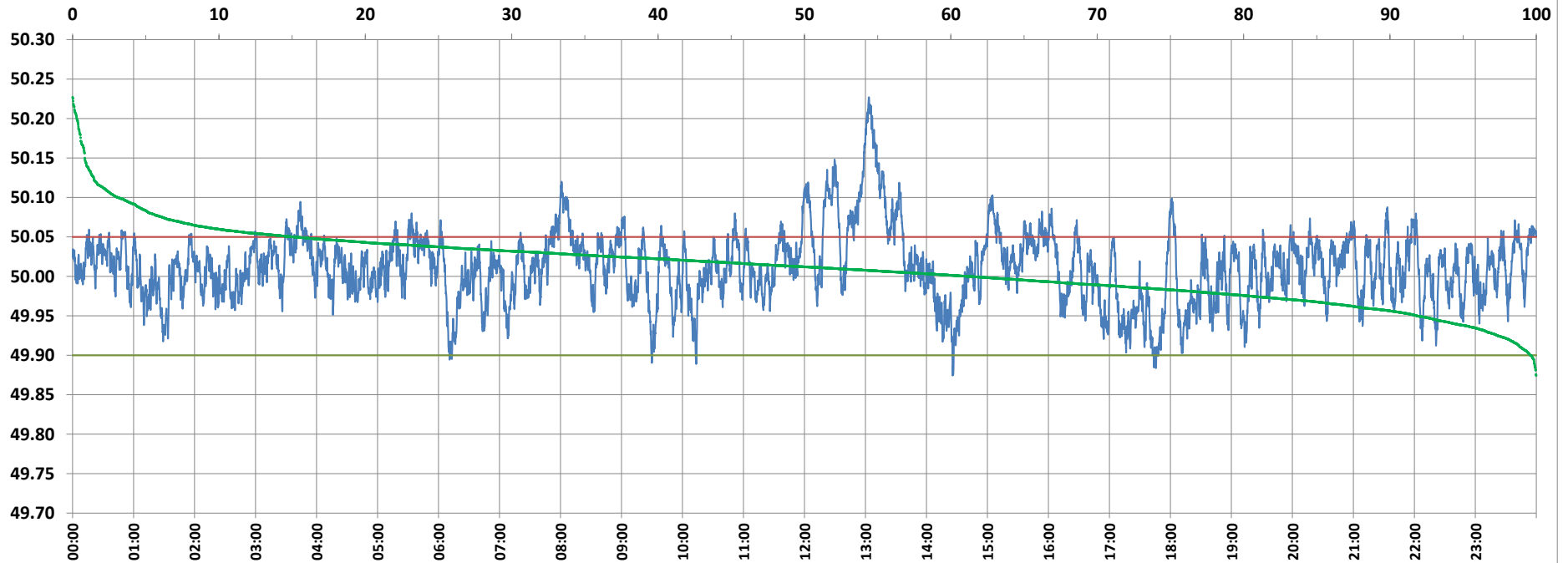


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jul-2021 (Friday)



<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	0.42	16.38	0.00	0.42	38.36	58.13	2.81	84.43	99.71	51.44	12.05	61.23	32.19	15.15	0.29	8.16	76.69	7.74

Average Frequency : 50.011	Frequency Variation Index : 0.0213	Standard Deviation : 0.0448	Mileage: 48.2	FDI: 15.6
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Instantaneous Frequency		
Max	50.227	13:03:20
Min	49.874	14:25:40

15 minute Average Frequency		
Max	50.173	13:15:00
Min	49.936	14:30:00

No. of excursions	
above 50.03 Hz	227
below 49.97 Hz	137
above 50.00 Hz	224
below 50.00 Hz	223

Average time freq per excursion remains	
below 49.97	0:01:43
above 50.03	0:02:03

No. of hours freq outside 49.9-50.05 Hz	3:44:10
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Source : AGRA 10 Sec. (8640 samples)