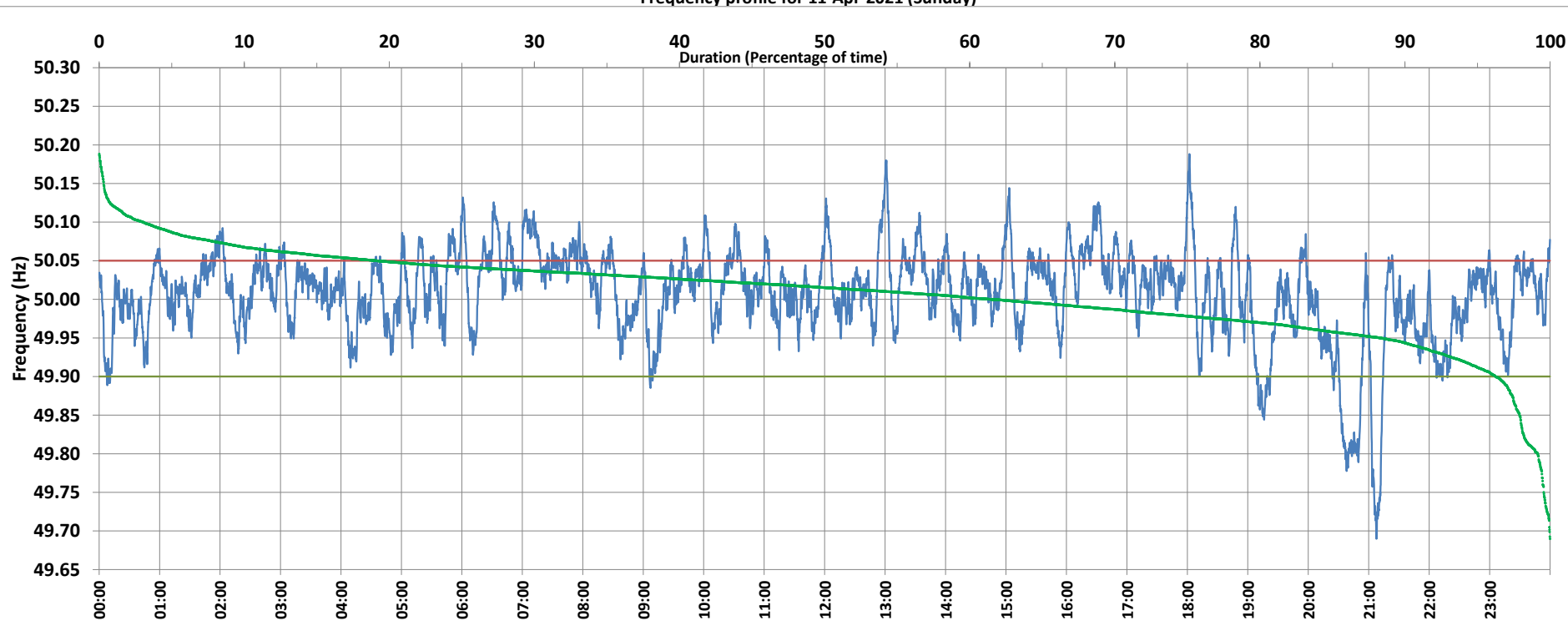


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Apr-2021 (Sunday)



<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
0.03	3.75	20.13	0.81	2.91	34.78	58.45	3.02	77.14	99.97	43.23	16.09	61.47	36.64	19.11	0.00	11.69	69.20	7.94

Average Frequency : 50.007	Frequency Variation Index : 0.0337	Standard Deviation : 0.0576	Mileage: 43.7	FDI: 22.9
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Instantaneous Frequency		
Max	50.188	18:02:00
Min	49.690	21:07:40

15 minute Average Frequency		
Max	50.095	7:15:00
Min	49.797	21:15:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	113
above 50.00 Hz	170
below 50.00 Hz	169

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	5:29:10
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Source : Agra 10 Sec. (8640 samples)