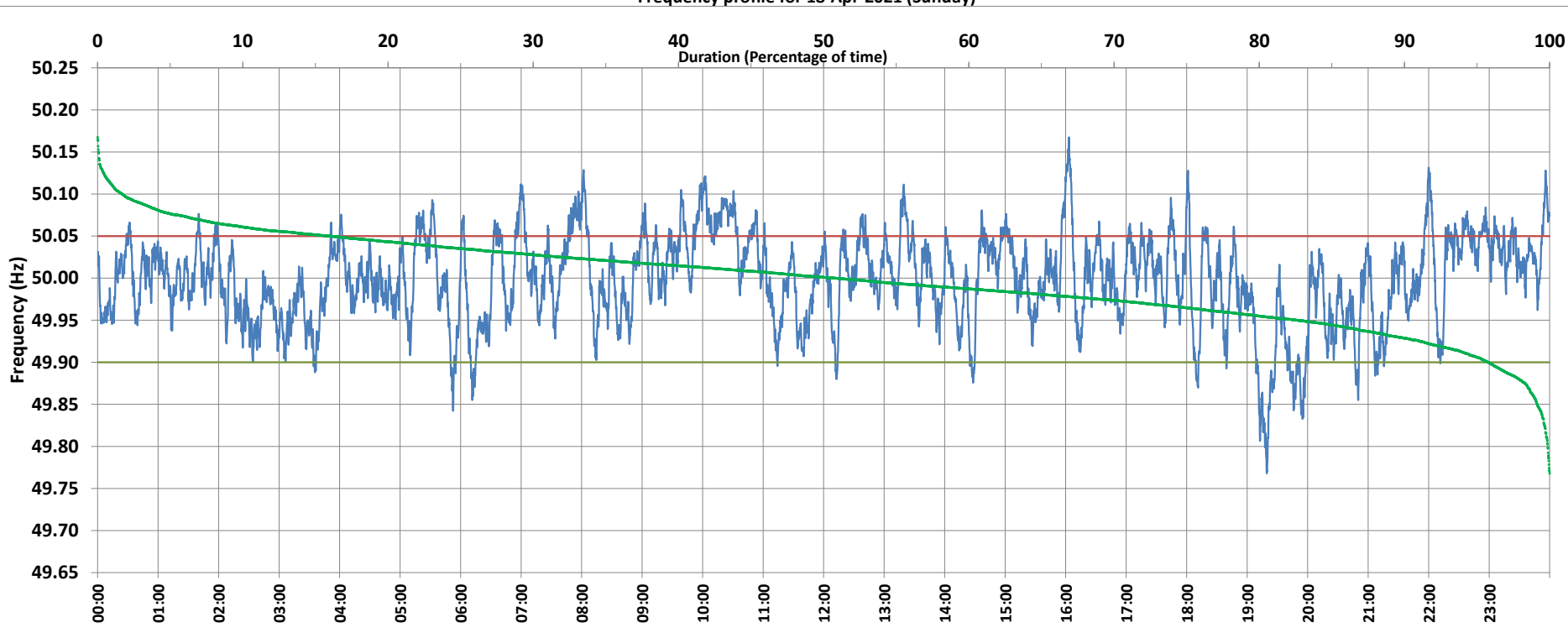


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-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
0.00	4.22	27.88	0.14	4.09	44.97	49.12	1.69	79.77	100.00	43.55	14.32	50.81	28.56	16.01	0.00	17.38	66.61	13.16

Average Frequency : 49.998	Frequency Variation Index : 0.0281	Standard Deviation : 0.0531	Mileage: 43.4	FDI: 20.2
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Instantaneous Frequency		
Max	50.167	16:03:10
Min	49.768	19:19:20

15 minute Average Frequency		
Max	50.080	10:30:00
Min	49.857	19:30:00

No. of excursions	
above 50.03 Hz	141
below 49.97 Hz	121
above 50.00 Hz	164
below 50.00 Hz	163

Average time freq per excursion remains	
below 49.97	0:03:19
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	4:51:20
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Source : Agra 10 Sec. (8640 samples)