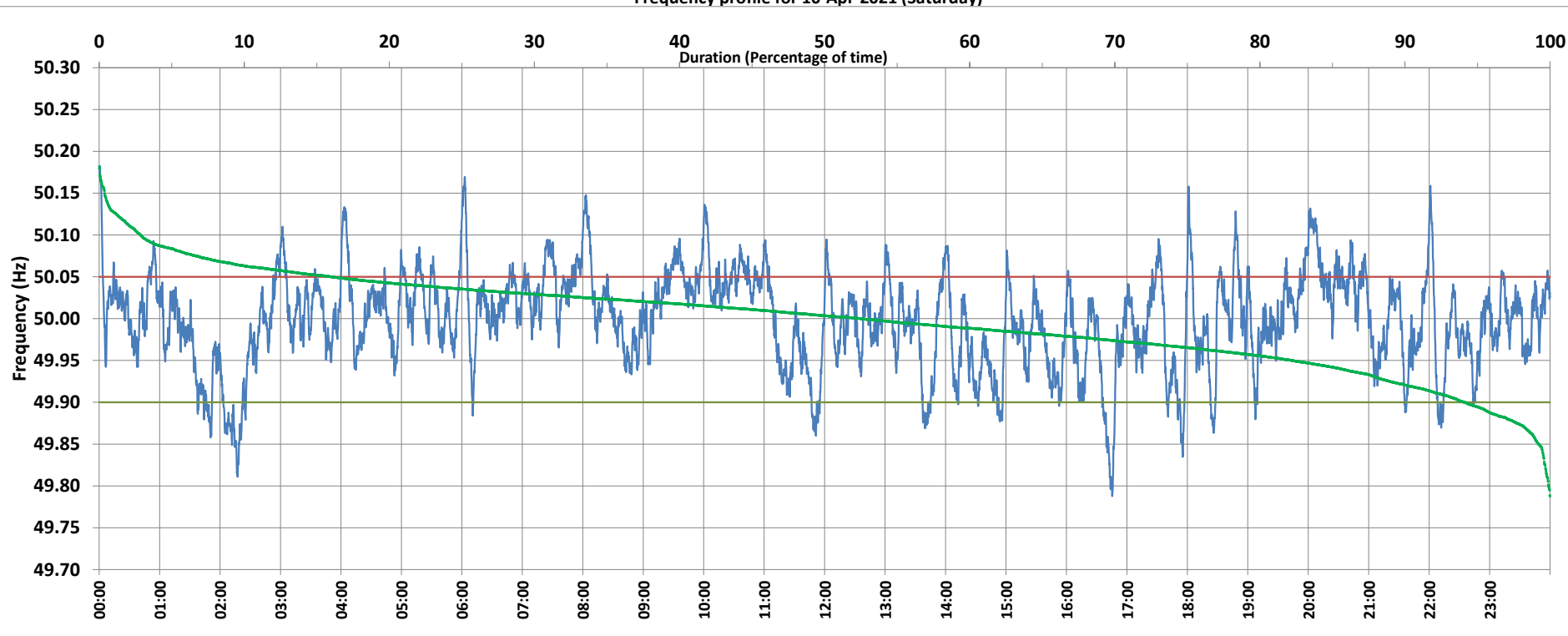


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Apr-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	5.90	27.60	0.10	5.80	41.62	49.62	2.86	78.09	100.00	43.09	13.15	52.48	29.31	16.01	0.00	17.81	66.18	11.91

Average Frequency : 49.999	Frequency Variation Index : 0.0319	Standard Deviation : 0.0564	Mileage: 42.9	FDI: 21.9
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Instantaneous Frequency		
Max	50.182	0:00:40
Min	49.788	16:45:20

15 minute Average Frequency		
Max	50.093	20:15:00
Min	49.885	2:15:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	123
above 50.00 Hz	156
below 50.00 Hz	155

Average time freq per excursion remains	
below 49.97	0:03:14
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:15:30
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Source : Agra 10 Sec. (8640 samples)