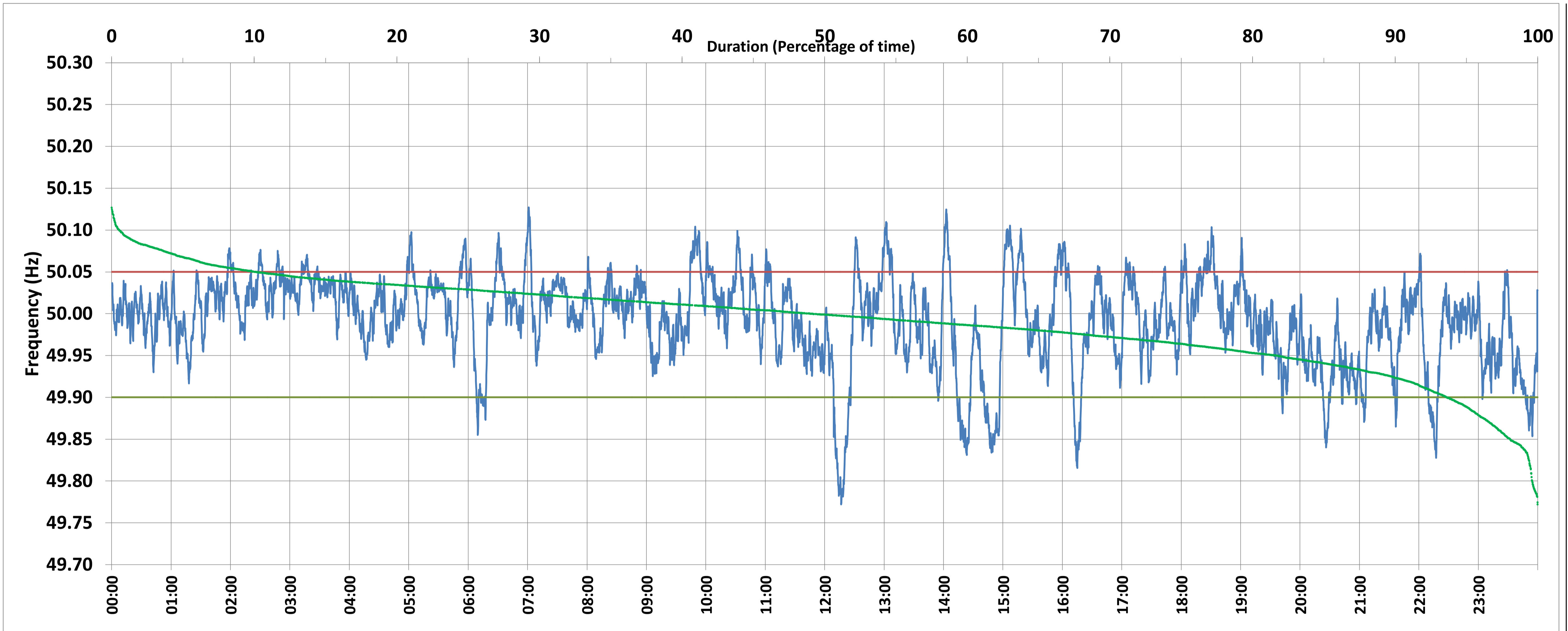


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Jul-2020 (Thursday)



<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	6.34	28.45	0.38	5.96	44.47	48.67	0.52	83.50	100.00	47.56	9.65	49.13	23.99	10.16	0.00	18.29	71.55	11.94

Average Frequency : 49.992	Frequency Variation Index : 0.0290	Standard Deviation : 0.0532	Mileage: 44.5	FDI: 16.5
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Instantaneous Frequency		
Max	50.127	7:01:10
Min	49.772	12:16:40

15 minute Average Frequency		
Max	50.062	15:15:00
Min	49.871	12:30:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	133
above 50.00 Hz	195
below 50.00 Hz	196

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	3:57:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)