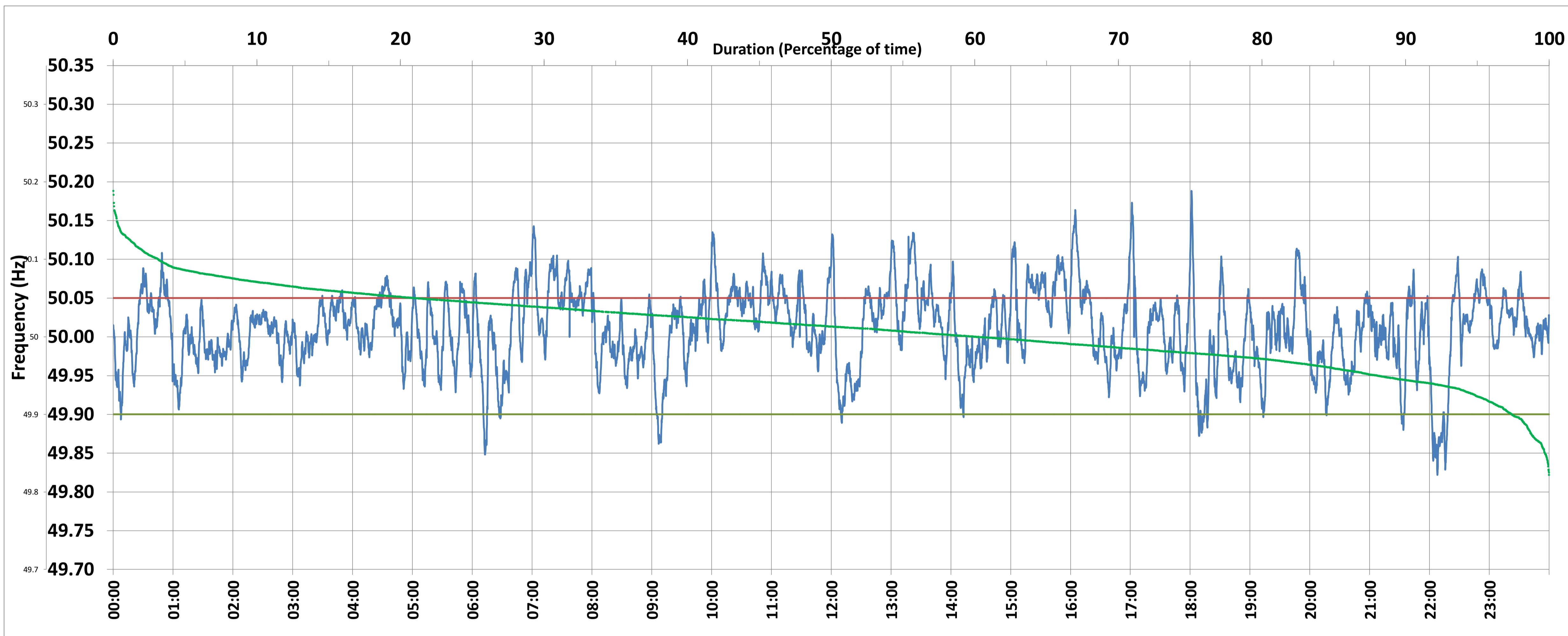


**POWER SYSTEM OPERATION CORPORATION LIMITED**

**NATIONAL LOAD DESPATCH CENTRE, NEW DELHI**



**Frequency profile for 06-Apr-2020 (Monday)**



<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	2.59	19.06	0.00	2.59	36.99	57.26	3.16	76.40	100.00	44.78	18.00	60.27	36.16	21.01	0.00	11.90	67.09	9.31

Average Frequency : 50.010	Frequency Variation Index : 0.0267	Standard Deviation : 0.0507	Mileage: 35.8	FDI: 23.6
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Instantaneous Frequency		
Max	50.188	18:01:20
Min	49.822	22:07:50

15 minute Average Frequency		
Max	50.091	16:15:00
Min	49.878	22:15:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	80
above 50.00 Hz	134
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:03:26
above 50.03	0:03:58

No. of hours freq outside 49.9-50.05 Hz	5:39:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)