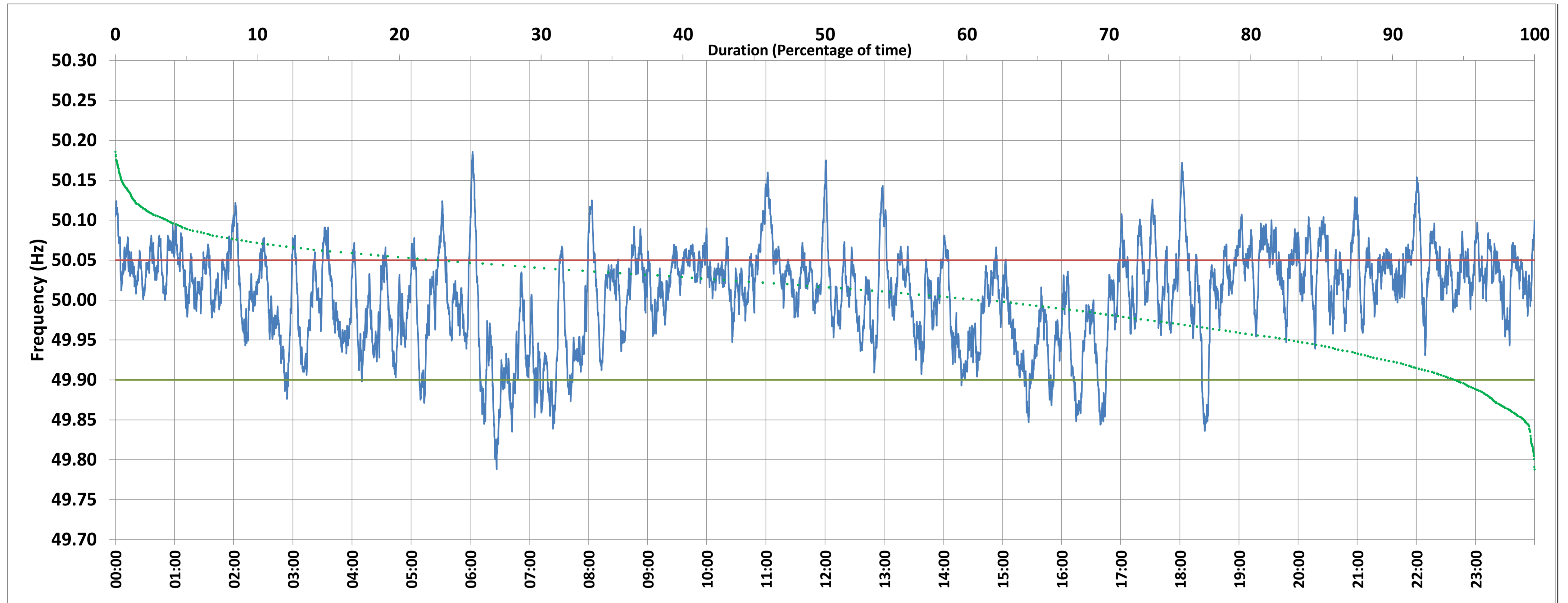


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Feb-2021 (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	5.49	24.68	0.02	5.46	32.40	58.40	3.72	71.83	100.00	36.33	19.86	60.80	38.99	22.69	0.00	16.97	60.35	11.48

Average Frequency : 50.007	Frequency Variation Index : 0.0356	Standard Deviation : 0.0592	Mileage: 50.5	FDI: 28.2
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Instantaneous Frequency		
Max	50.186	6:02:20
Min	49.788	6:26:50

15 minute Average Frequency		
Max	50.084	11:15:00
Min	49.884	6:30:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	96
above 50.00 Hz	94
below 50.00 Hz	95

Average time freq per excursion remains	
below 49.97	0:03:42
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	6:45:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)