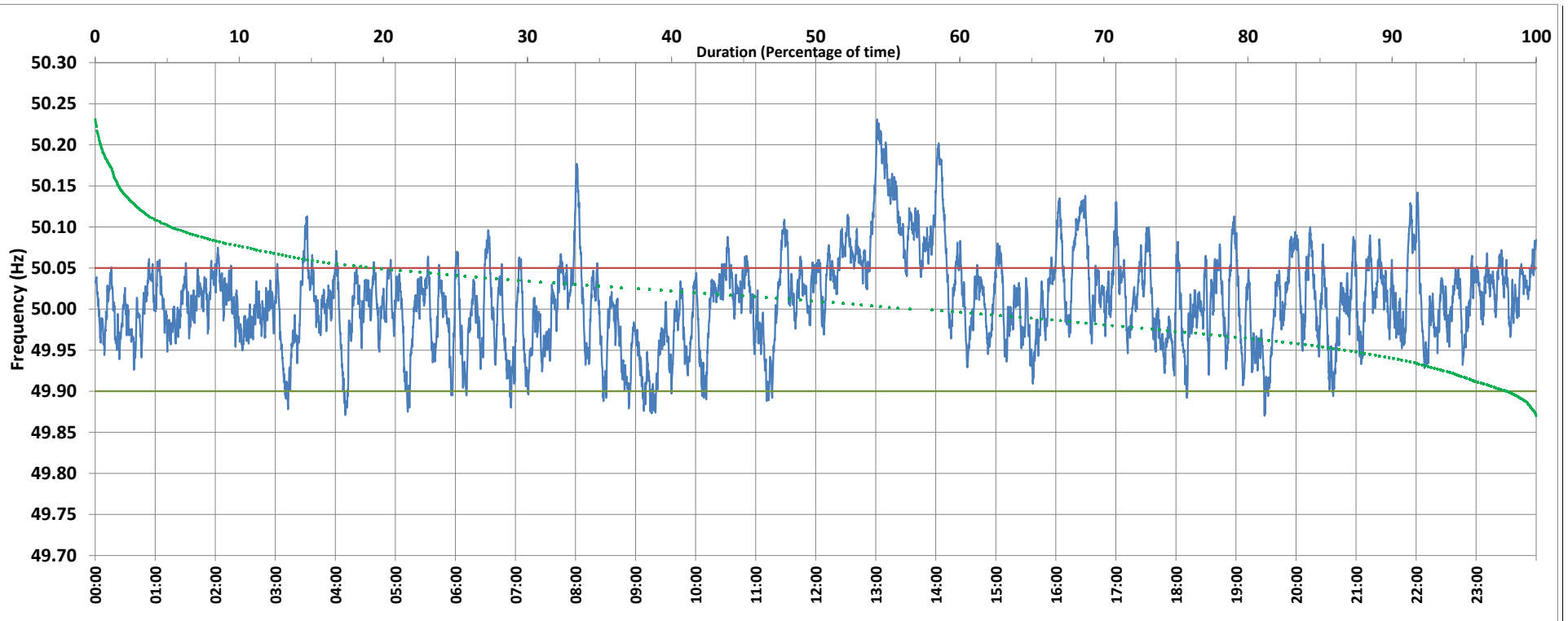


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 06-Jan-2021 (Wednesday)



<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	1.91	22.59	0.00	1.91	40.02	52.69	4.99	78.78	99.61	44.11	14.63	56.53	33.30	19.31	0.39	12.86	67.84	10.95

Average Frequency : 50.010	Frequency Variation Index : 0.0315	Standard Deviation : 0.0554	Mileage: 49.7	FDI: 21.2
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Instantaneous Frequency		
Max	50.231	13:01:20
Min	49.870	19:28:30

15 minute Average Frequency		
Max	50.185	13:15:00
Min	49.923	9:15:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	132
above 50.00 Hz	127
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:02:58

No. of hours freq outside 49.9-50.05 Hz	5:05:30
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)