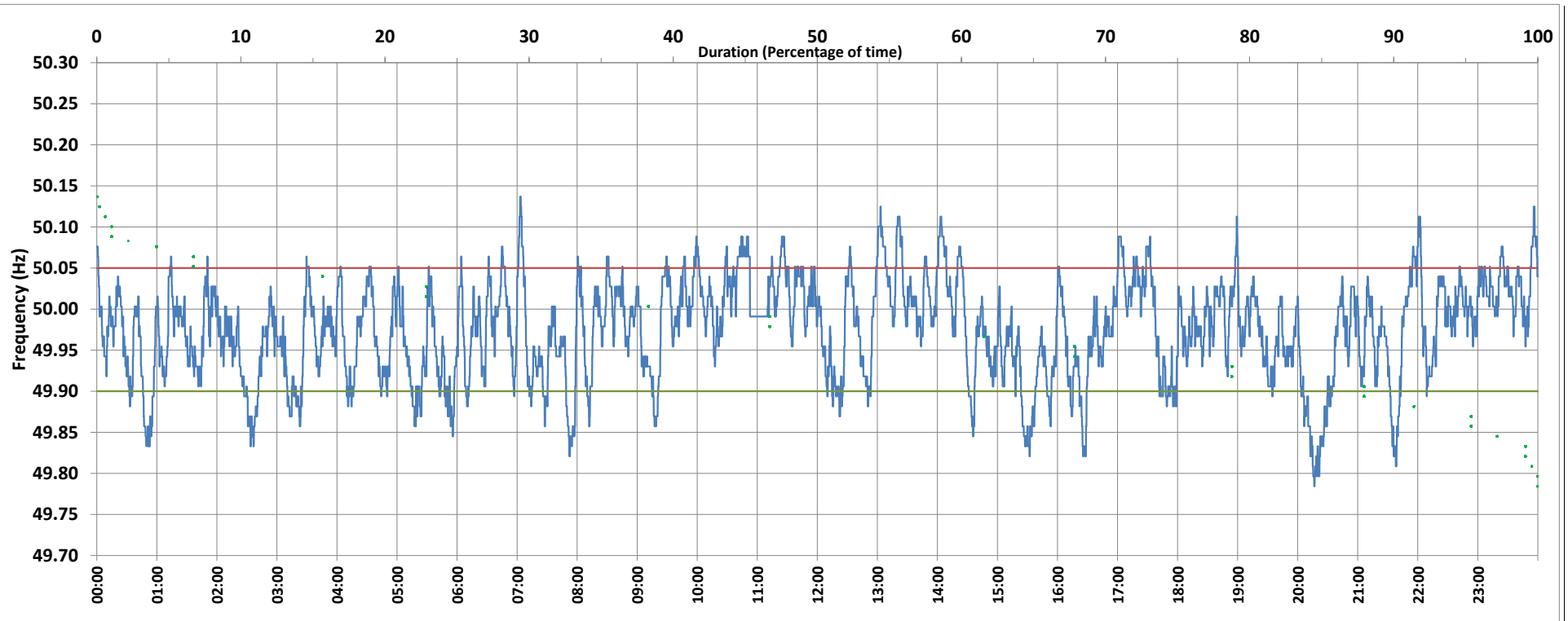


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 7th jan 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	12.06	45.93	0.27	11.79	49.68	37.23	1.03	77.48	100.00	38.43	9.43	38.26	15.65	10.46	0.00	32.16	57.37	20.10

Average Frequency : 49.974	Frequency Variation Index : 0.0428	Standard Deviation : 0.0600	Mileage: 36.1	FDI: 22.5
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Instantaneous Frequency		
Max	50.137	7:03:00
Min	49.784	20:16:30

15 minute Average Frequency		
Max	50.061	13:15:00
Min	49.831	20:30:00

No. of excursions	
above 50.03 Hz	90
below 49.97 Hz	126
above 50.00 Hz	126
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:05:15
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:24:20
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Source : BONGAIGAN:Frequency 10 Sec. (8640 samples)