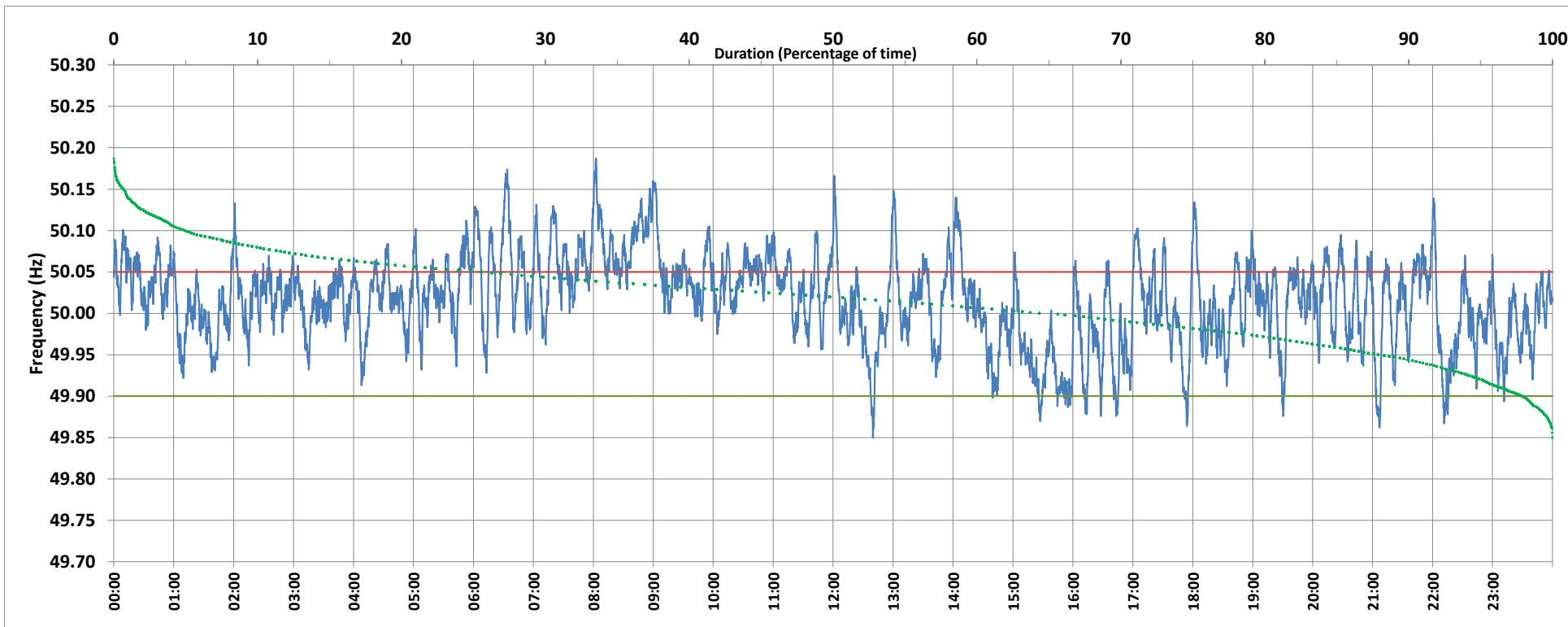


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jan-2021 (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	2.01	18.95	0.00	2.01	32.37	60.51	5.10	72.43	100.00	39.99	21.31	64.32	41.06	25.56	0.00	11.70	62.74	9.69

Average Frequency : 50.016	Frequency Variation Index : 0.0310	Standard Deviation : 0.0533	Mileage: 49.9	FDI: 27.6
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Instantaneous Frequency		
Max	50.187	8:02:30
Min	49.850	12:39:50

15 minute Average Frequency		
Max	50.116	9:00:00
Min	49.909	16:00:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	82
above 50.00 Hz	120
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:03:20
above 50.03	0:03:26

No. of hours freq outside 49.9-50.05 Hz	6:37:00
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)