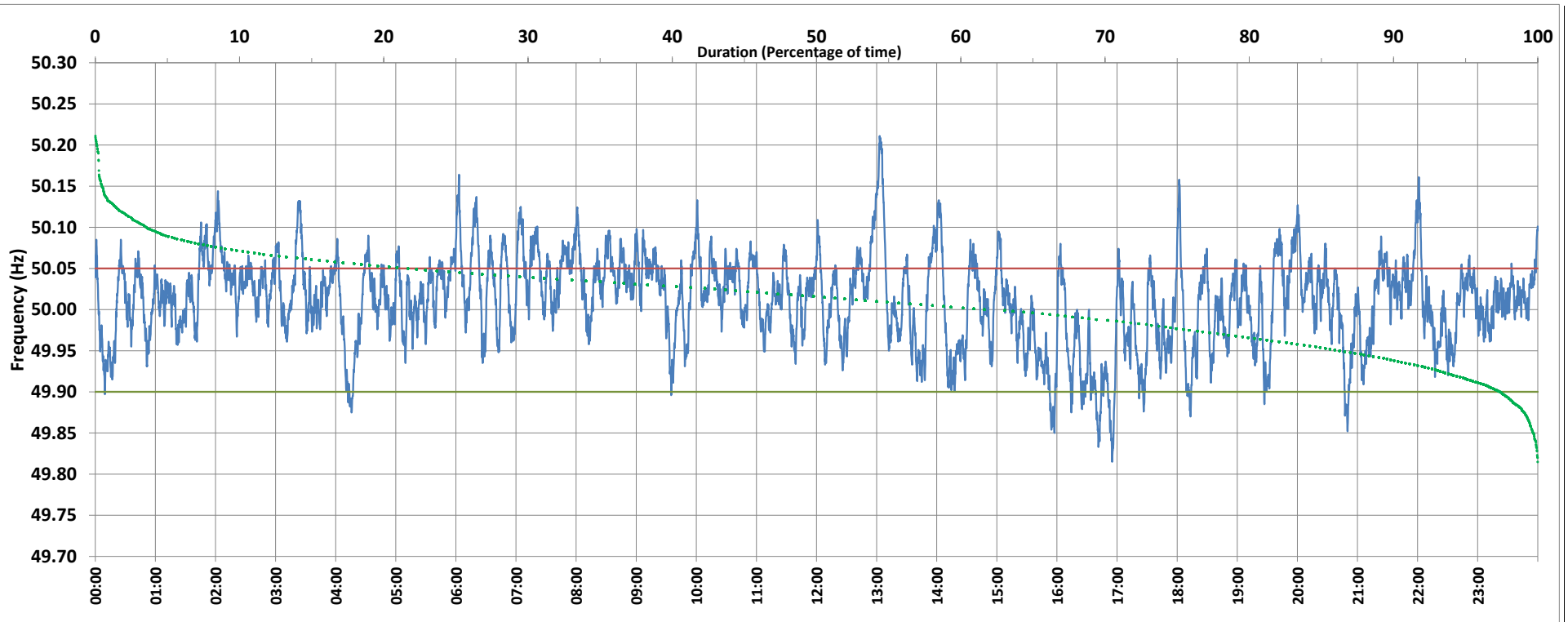


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jan-2021 (Saturday)



<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	2.52	21.45	0.00	2.52	34.46	59.41	3.50	75.81	99.88	40.29	18.72	61.63	38.26	21.67	0.12	13.39	64.94	10.87

Average Frequency : 50.011	Frequency Variation Index : 0.0296	Standard Deviation : 0.0533	Mileage: 49.5	FDI: 24.2
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Instantaneous Frequency		
Max	50.211	13:03:00
Min	49.815	16:55:00

15 minute Average Frequency		
Max	50.087	13:15:00
Min	49.899	17:00:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	99
above 50.00 Hz	134
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:03:07
above 50.03	0:03:08

No. of hours freq outside 49.9-50.05 Hz	5:48:20
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)

