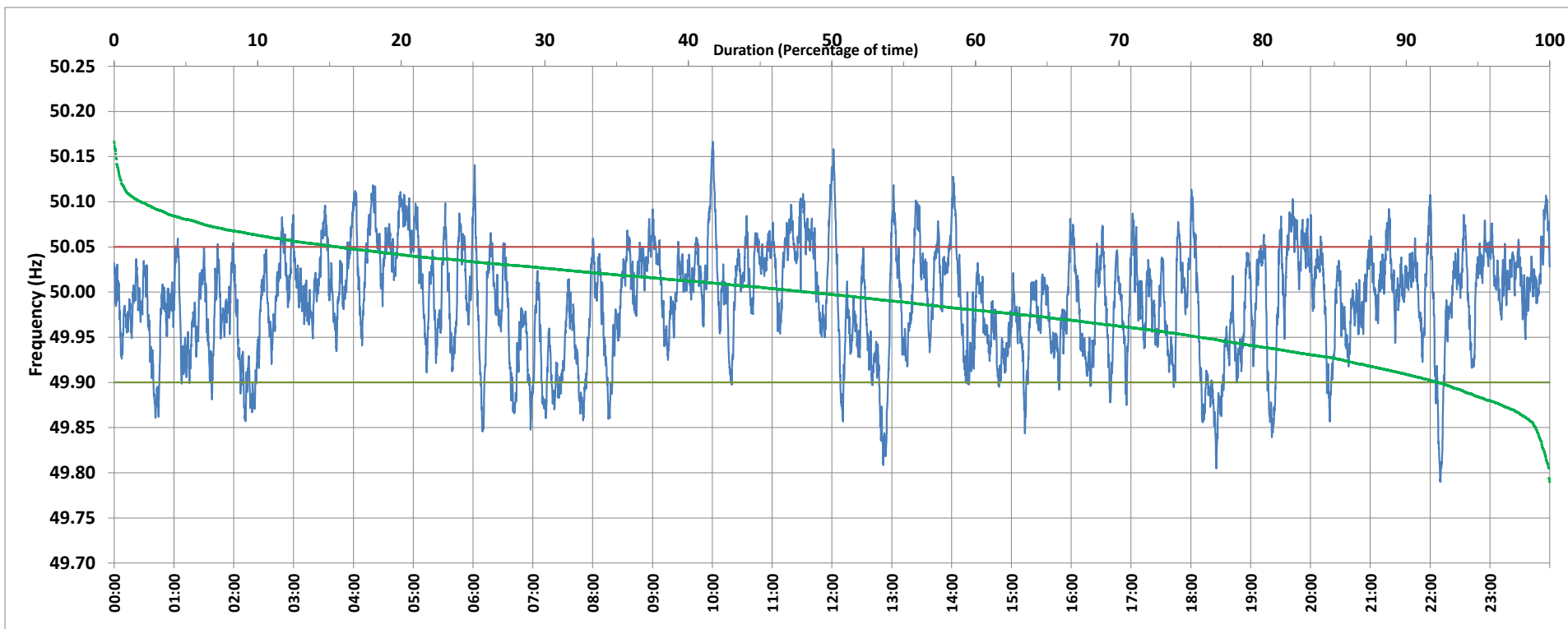


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jan-2020 (Tuesday)



<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	7.77	33.98	0.06	7.71	43.88	46.52	1.84	76.68	100.00	38.56	13.78	48.22	27.45	15.56	0.00	24.39	60.06	16.62

Average Frequency : 49.991	Frequency Variation Index : 0.0358	Standard Deviation : 0.0592	Mileage: 52.6	FDI: 23.3
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Instantaneous Frequency		
Max	50.167	10:00:20
Min	49.790	22:10:00

15 minute Average Frequency		
Max	50.083	5:00:00
Min	49.875	18:30:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	145
above 50.00 Hz	171
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:03:22
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:35:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)