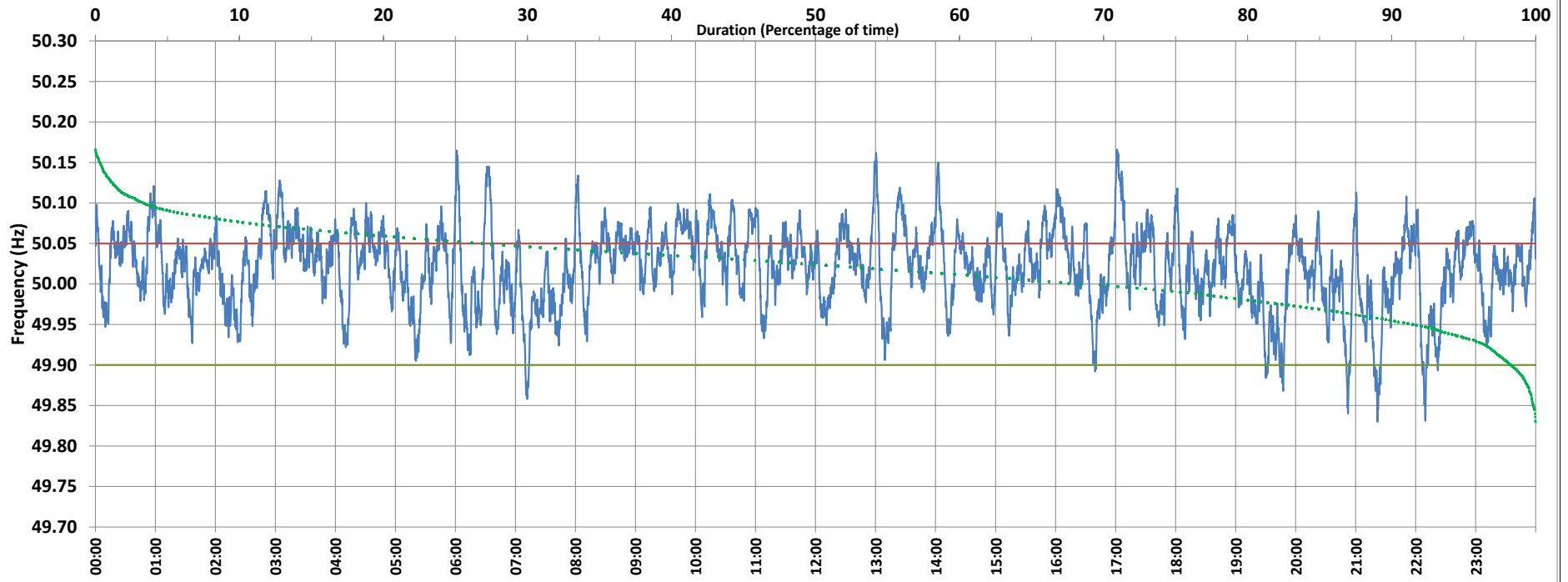


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 27-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	1.68	15.07	0.00	1.68	28.58	66.33	3.41	71.48	100.00	39.91	24.17	68.30	45.02	26.84	0.00	8.29	64.87	6.61

Average Frequency : 50.020	Frequency Variation Index : 0.0277	Standard Deviation : 0.0488	Mileage: 49.3	FDI: 28.5
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Instantaneous Frequency		
Max	50.166	17:01:10
Min	49.830	21:21:40

15 minute Average Frequency		
Max	50.081	17:15:00
Min	49.926	21:30:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	87
above 50.00 Hz	133
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:02:30
above 50.03	0:03:53

No. of hours freq outside 49.9-50.05 Hz	6:50:40
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Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)