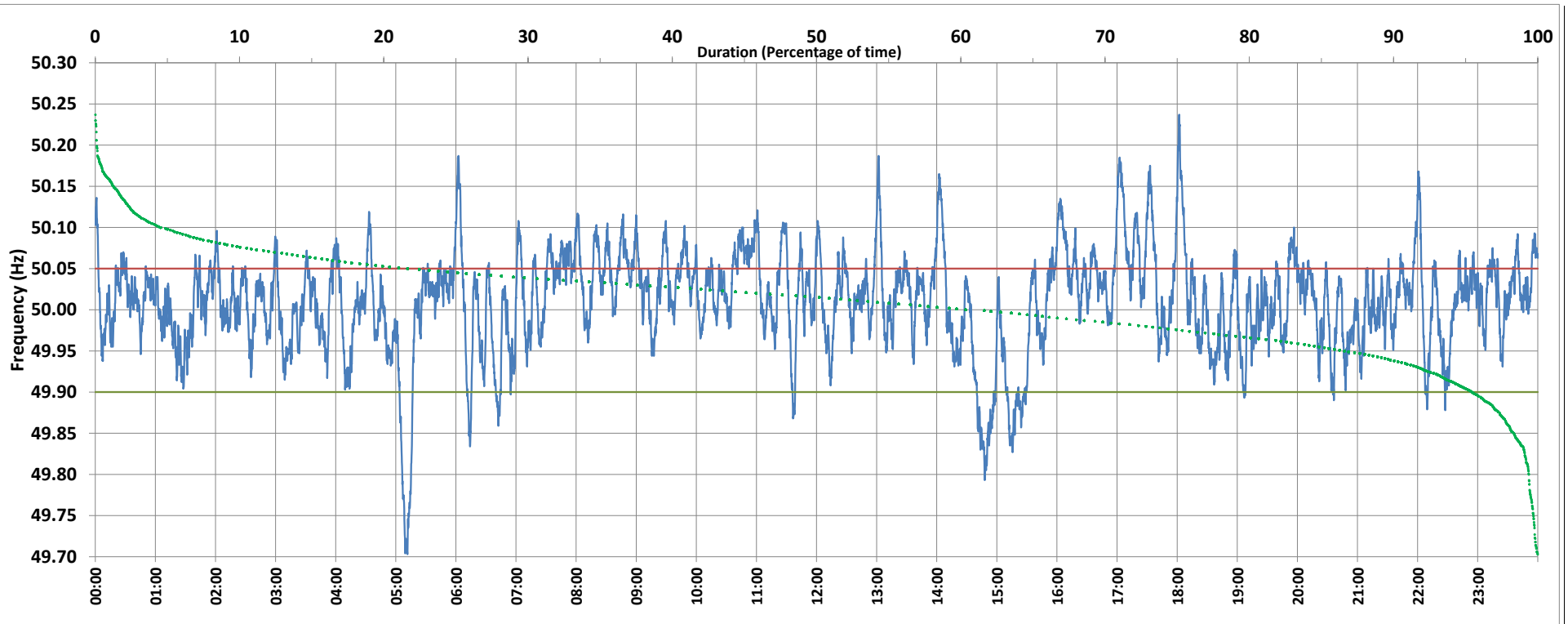


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	4.49	21.60	0.61	3.88	33.90	56.75	4.76	73.87	99.90	40.83	17.92	60.34	37.57	21.64	0.10	13.13	65.23	8.63

Average Frequency : 50.010	Frequency Variation Index : 0.0380	Standard Deviation : 0.0610	Mileage: 51.5	FDI: 26.1
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Instantaneous Frequency		
Max	50.237	18:02:00
Min	49.703	5:11:30

15 minute Average Frequency		
Max	50.107	17:15:00
Min	49.815	5:15:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	115
above 50.00 Hz	119
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	6:16:20
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Source : BADARPUR:Frequency 10 Sec. (8640 samples)