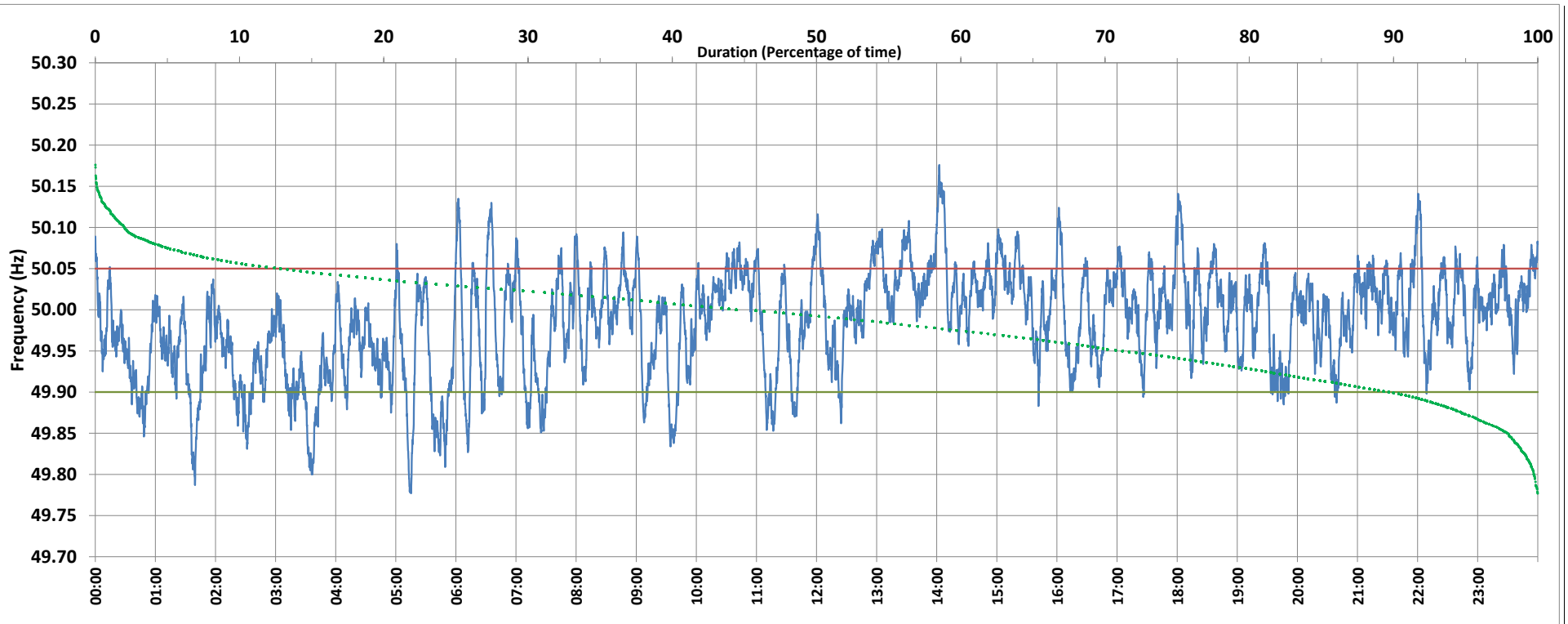


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 30-Dec-2020 (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	10.01	37.07	0.24	9.77	44.20	43.74	2.05	77.16	100.00	38.55	11.28	44.41	24.38	12.82	0.00	28.33	58.84	18.32

Average Frequency : 49.985	Frequency Variation Index : 0.0414	Standard Deviation : 0.0626	Mileage: 52.2	FDI: 22.8
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Instantaneous Frequency		
Max	50.176	14:02:30
Min	49.777	5:15:10

15 minute Average Frequency		
Max	50.081	14:15:00
Min	49.852	3:45:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	111
above 50.00 Hz	134
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:04:49
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	5:28:50
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Source : BADARPUR:Frequency 10 Sec. (8640 samples)

