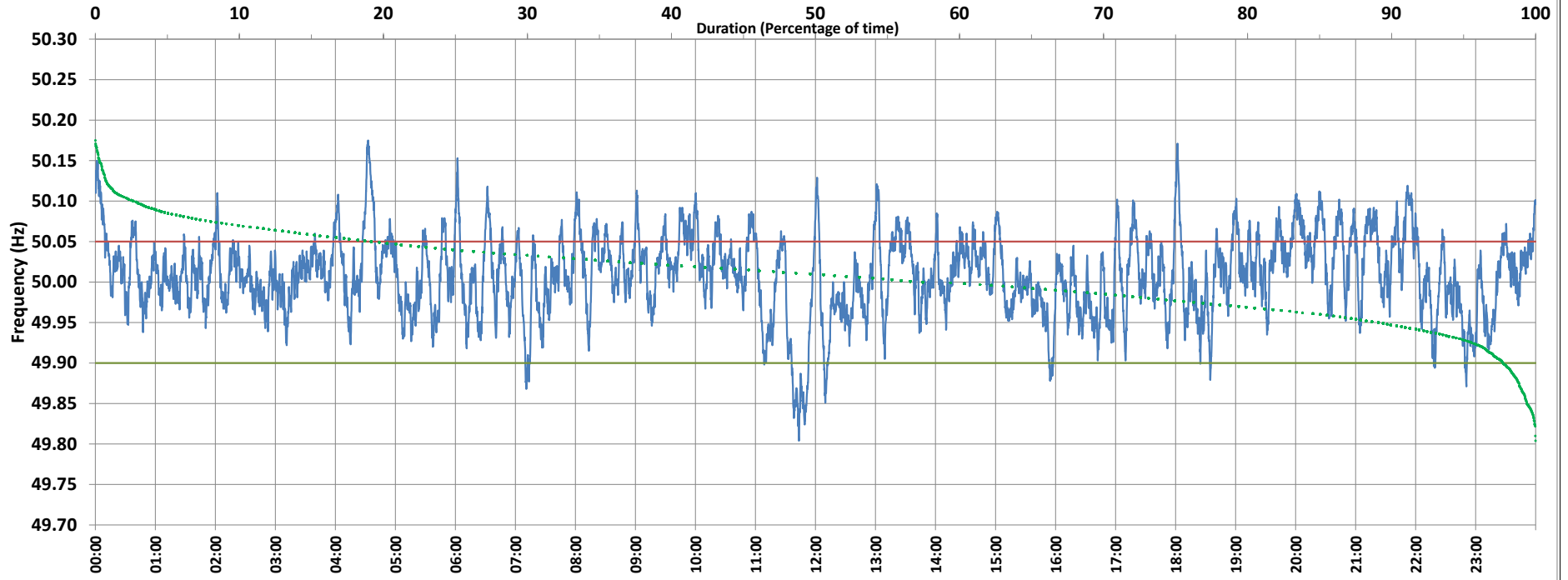


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jan-2021 (Friday)



<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	2.23	20.12	0.00	2.23	38.39	56.56	2.81	78.62	100.00	47.37	17.09	57.44	32.51	19.14	0.00	10.59	70.27	8.36

Average Frequency : 50.009	Frequency Variation Index : 0.0251	Standard Deviation : 0.0494	Mileage: 51.1	FDI: 21.4
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Instantaneous Frequency		
Max	50.175	4:32:40
Min	49.804	11:43:20

15 minute Average Frequency		
Max	50.082	0:15:00
Min	49.886	11:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	136
above 50.00 Hz	152
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:02:08
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:07:50
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Source : BADARPUR-Frequency 10 Sec. (8640 samples)