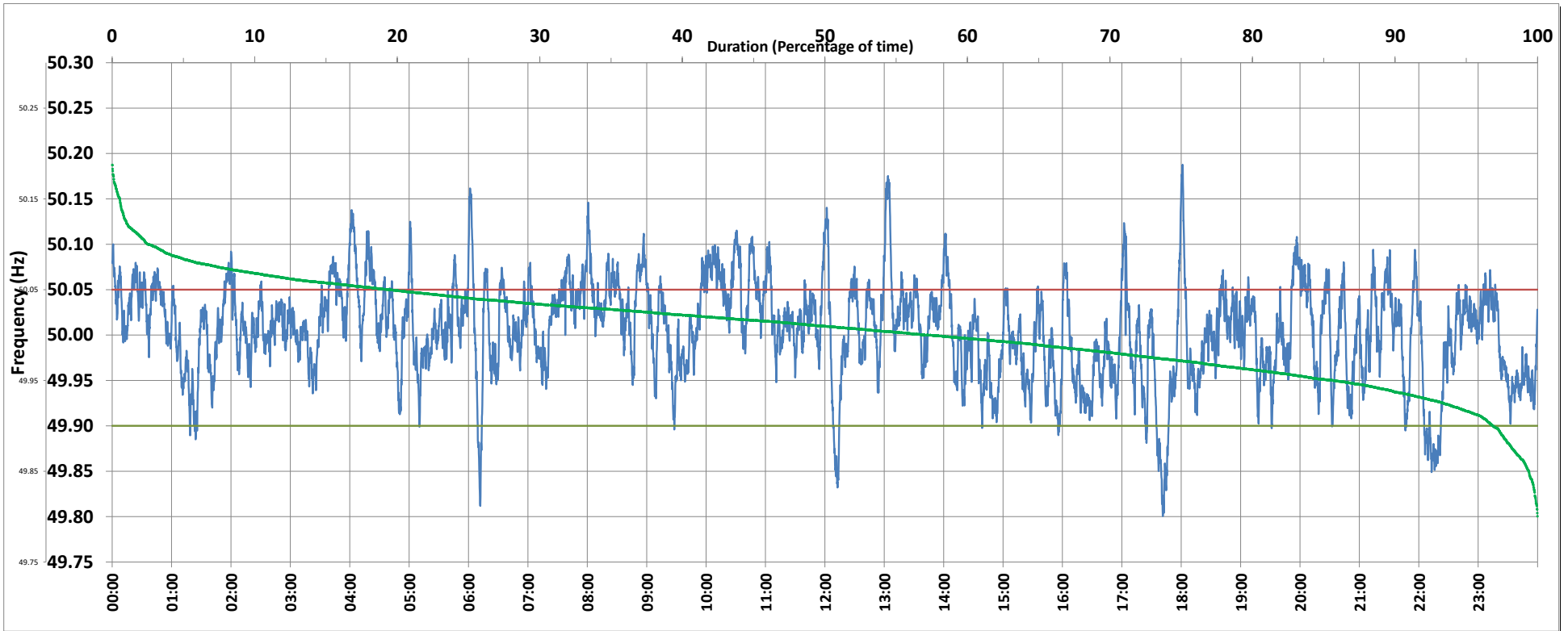


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Nov-2019 (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	3.11	23.97	0.00	3.11	39.50	54.83	2.56	77.40	100.00	42.59	16.98	57.21	33.44	19.49	0.00	14.26	66.25	11.15

Average Frequency : 50.006	Frequency Variation Index : 0.0284	Standard Deviation : 0.0530	Mileage: 51.1	FDI: 22.6
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Instantaneous Frequency		
Max	50.188	18:01:10
Min	49.801	17:41:20

15 minute Average Frequency		
Max	50.074	10:15:00
Min	49.890	17:45:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	135
above 50.00 Hz	183
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:33
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:25:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)