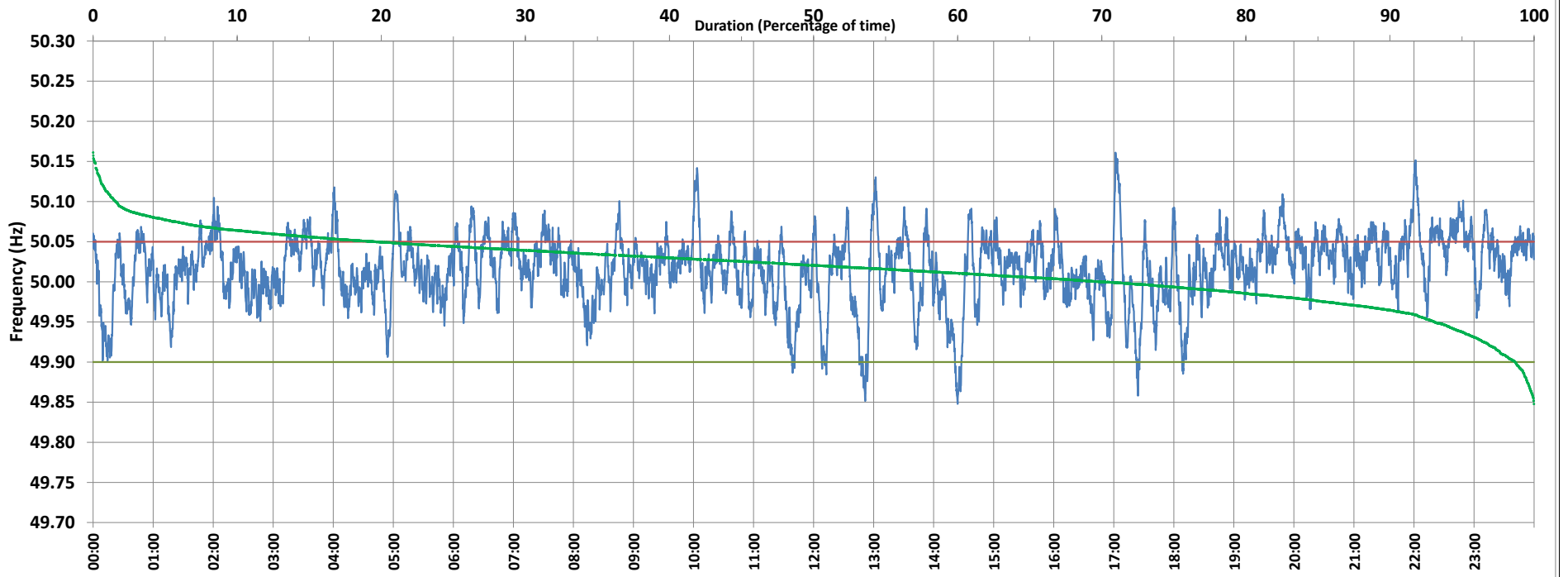


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Oct-2020 (Tuesday)



<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	1.31	12.13	0.00	1.31	28.61	68.52	1.56	79.13	100.00	47.99	18.06	69.95	39.88	19.56	0.00	6.89	73.55	5.58

Average Frequency : 50.017	Frequency Variation Index : 0.0206	Standard Deviation : 0.0423	Mileage: 48.6	FDI: 20.9
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Instantaneous Frequency		
Max	50.161	17:01:40
Min	49.848	14:23:50

15 minute Average Frequency		
Max	50.064	23:00:00
Min	49.906	14:30:00

No. of excursions	
above 50.03 Hz	256
below 49.97 Hz	112
above 50.00 Hz	214
below 50.00 Hz	214

Average time freq per excursion remains	
below 49.97	0:01:34
above 50.03	0:02:15

No. of hours freq outside 49.9-50.05 Hz	5:00:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)