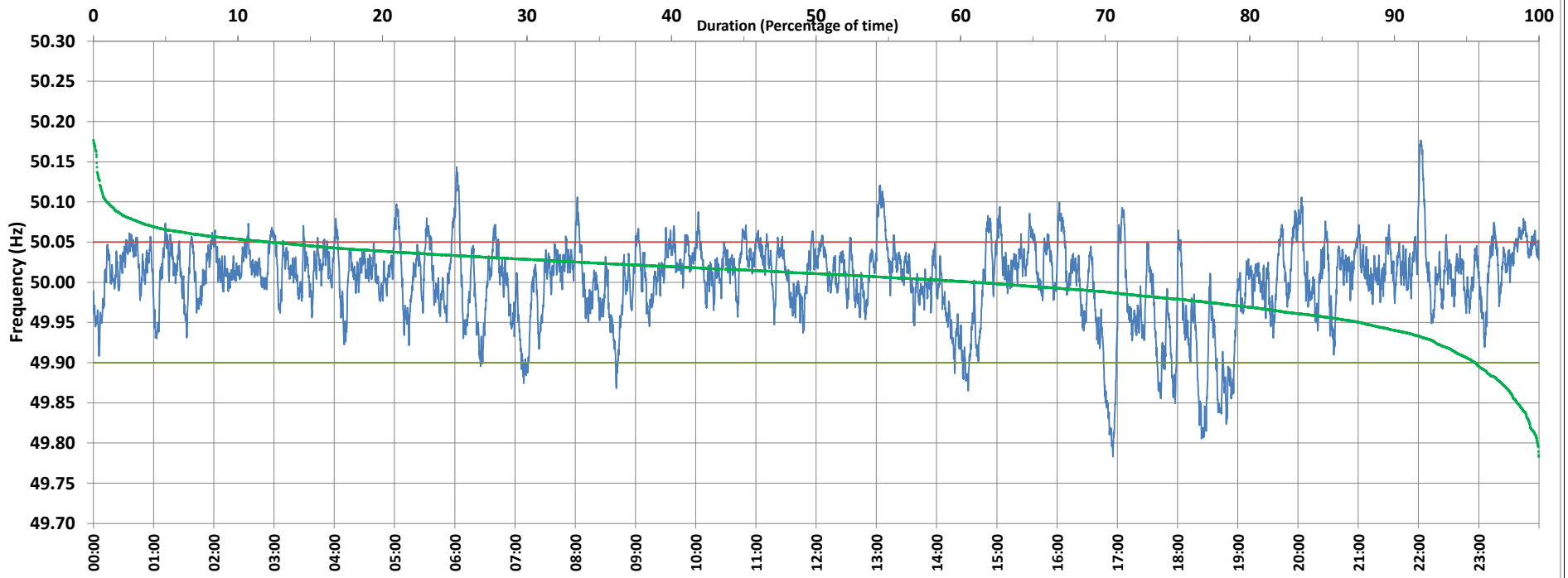


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Oct-2020 (Thursday)



<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	4.39	20.45	0.09	4.29	34.62	60.05	0.95	83.54	100.00	51.12	11.20	60.91	28.43	12.07	0.00	12.36	75.57	7.97

Average Frequency : 50.002	Frequency Variation Index : 0.0247	Standard Deviation : 0.0496	Mileage: 44.7	FDI: 16.5
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Instantaneous Frequency		
Max	50.177	22:02:00
Min	49.783	16:55:40

15 minute Average Frequency		
Max	50.068	13:15:00
Min	49.850	17:00:00

No. of excursions	
above 50.03 Hz	207
below 49.97 Hz	113
above 50.00 Hz	190
below 50.00 Hz	187

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	3:57:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)