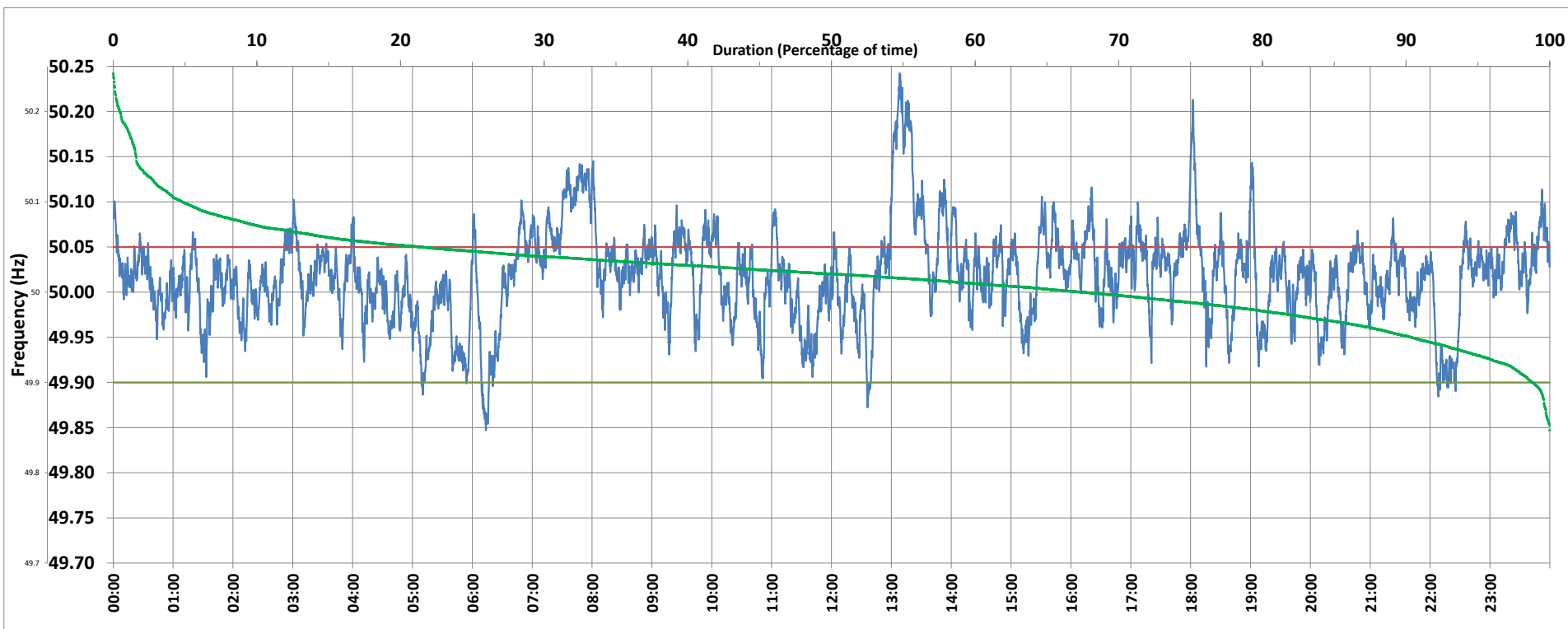


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Jun-2020 (Saturday)



<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	1.20	16.09	0.00	1.20	31.27	62.71	4.35	77.37	99.54	44.35	16.66	67.41	39.56	21.42	0.46	9.61	68.97	8.40

Average Frequency : 50.018	Frequency Variation Index : 0.0294	Standard Deviation : 0.0513	Mileage: 44.0	FDI: 22.6
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Instantaneous Frequency		
Max	50.242	13:08:20
Min	49.847	6:13:30

15 minute Average Frequency		
Max	50.185	13:15:00
Min	49.921	22:30:00

No. of excursions	
above 50.03 Hz	212
below 49.97 Hz	94
above 50.00 Hz	149
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	5:25:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)