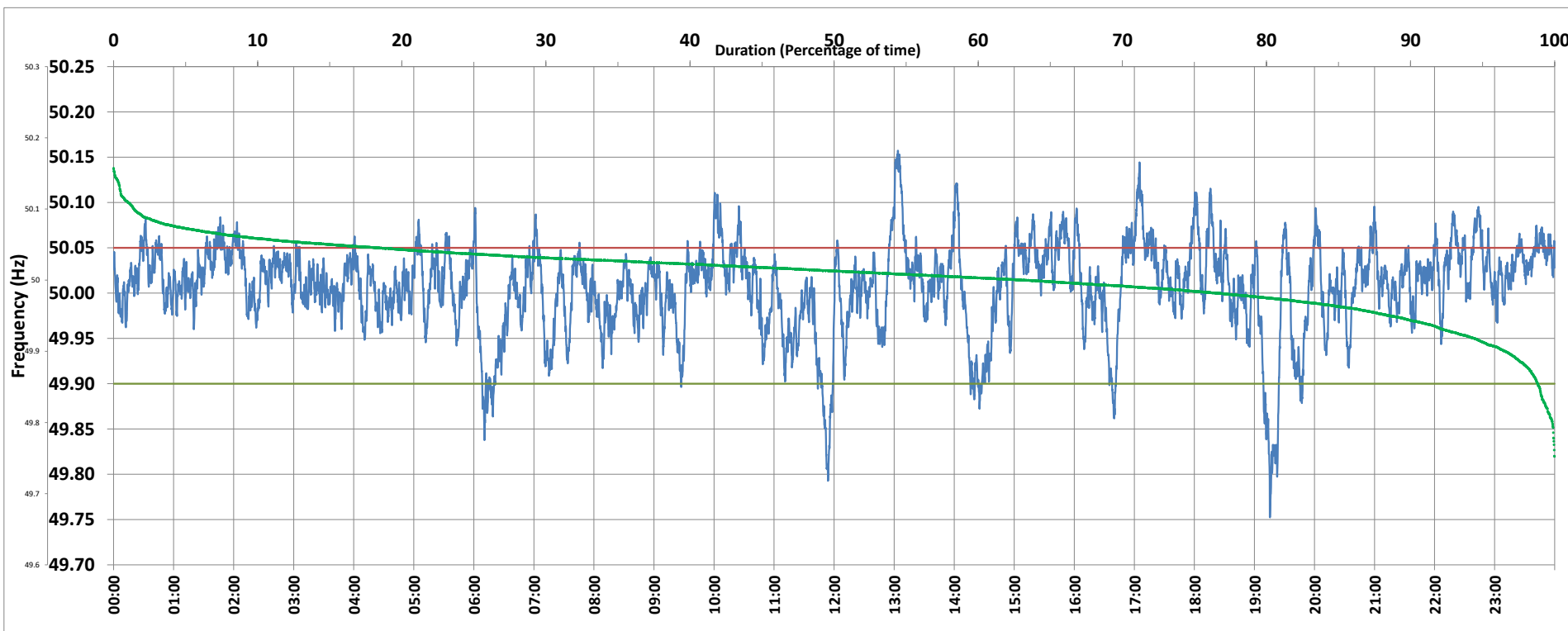


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Jun-2020 (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	3.43	17.78	0.15	3.28	33.34	61.82	1.41	81.55	100.00	50.74	13.65	63.11	31.48	15.02	0.00	11.45	73.53	8.02

Average Frequency : 50.007	Frequency Variation Index : 0.0244	Standard Deviation : 0.0490	Mileage: 43.7	FDI: 18.4
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Instantaneous Frequency		
Max	50.157	13:03:40
Min	49.752	19:15:30

15 minute Average Frequency		
Max	50.094	13:15:00
Min	49.870	12:00:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	100
above 50.00 Hz	192
below 50.00 Hz	192

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

No. of hours freq outside 49.9-50.05 Hz	4:25:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)