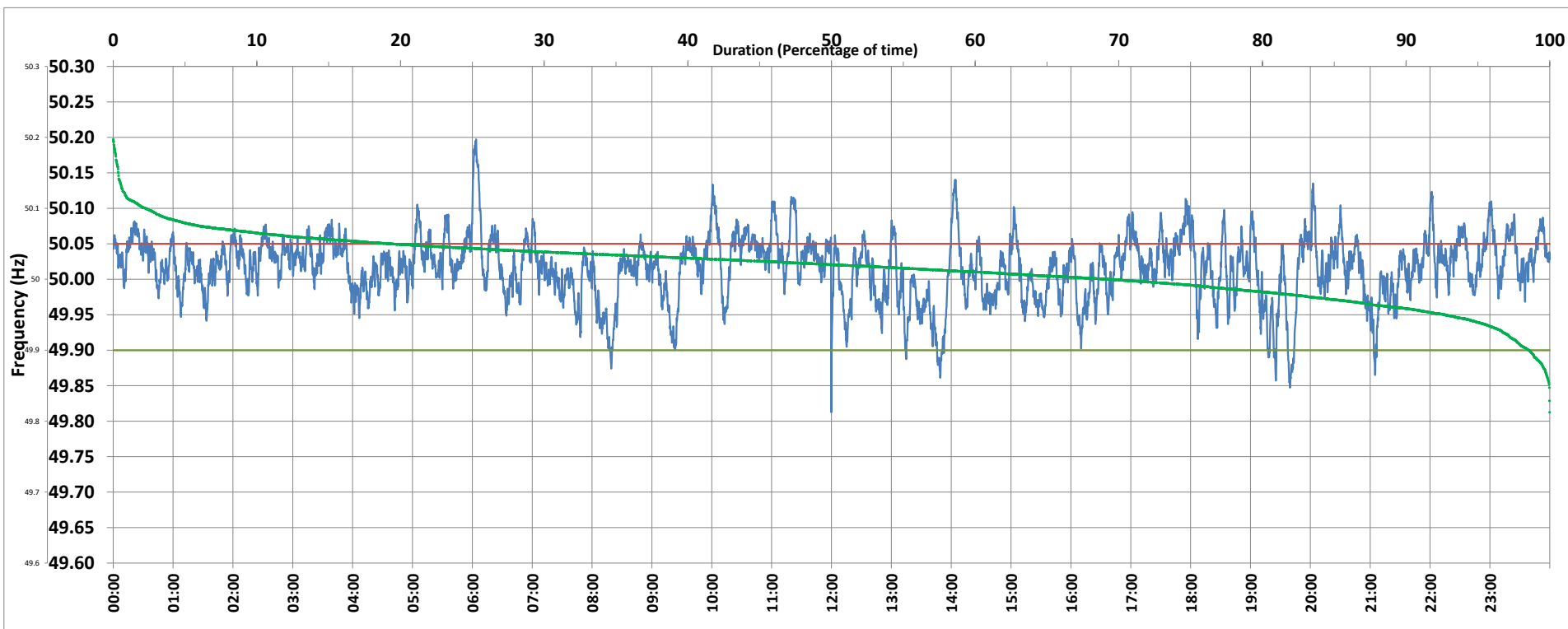


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jun-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	1.47	14.38	0.00	1.47	29.21	67.04	2.28	79.22	100.00	45.78	17.08	69.22	39.85	19.31	0.00	7.28	73.41	5.81

Average Frequency : 50.016	Frequency Variation Index : 0.0220	Standard Deviation : 0.0441	Mileage: 43.8	FDI: 20.8
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Instantaneous Frequency		
Max	50.197	6:03:40
Min	49.813	11:59:50

15 minute Average Frequency		
Max	50.090	6:15:00
Min	49.934	19:30:00

No. of excursions	
above 50.03 Hz	240
below 49.97 Hz	94
above 50.00 Hz	179
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:02:12
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:59:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)