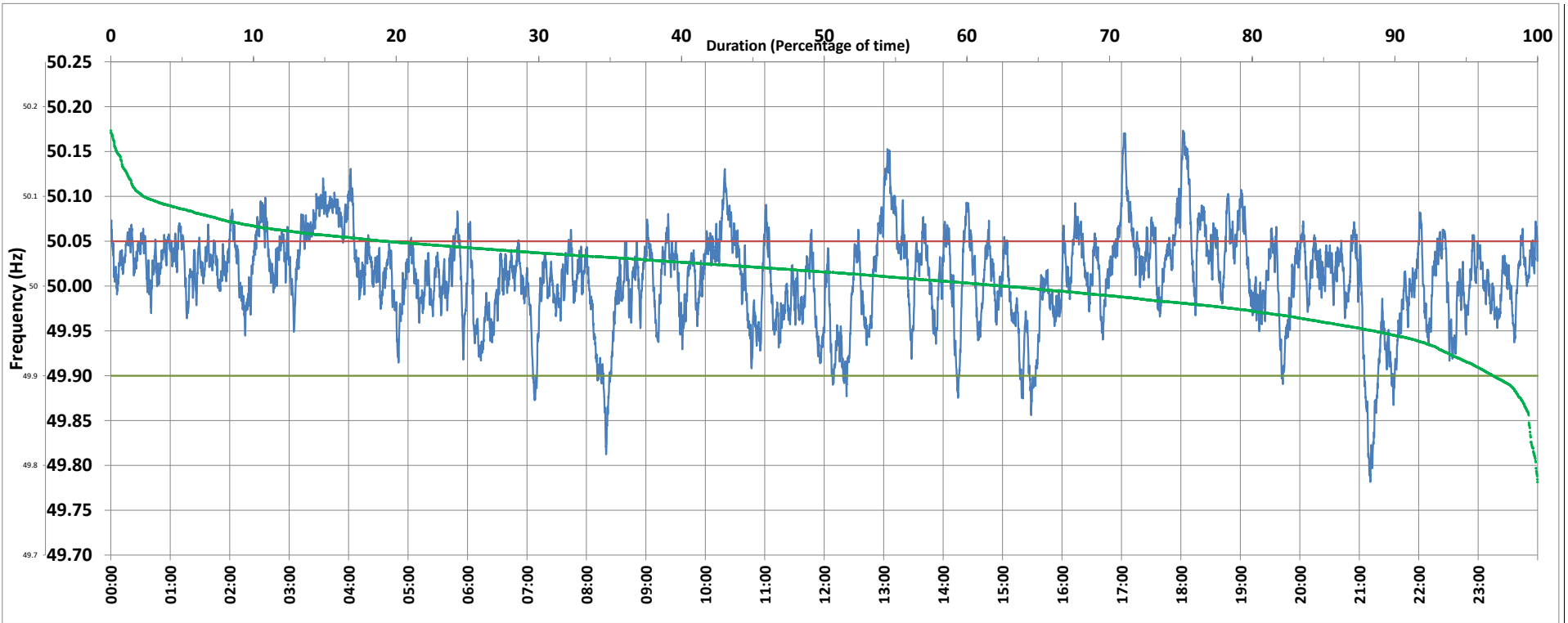


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jun-2020 (Monday)



<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	3.11	19.09	0.12	3.00	34.34	60.25	2.29	77.67	100.00	44.11	17.00	62.43	36.81	19.21	0.00	11.42	69.36	8.31

Average Frequency : 50.010	Frequency Variation Index : 0.0273	Standard Deviation : 0.0512	Mileage: 43.5	FDI: 22.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.173	18:02:10
Min	49.782	21:11:10

15 minute Average Frequency		
Max	50.103	13:15:00
Min	49.884	21:15:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	102
above 50.00 Hz	164
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	5:21:30
---	---------

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)