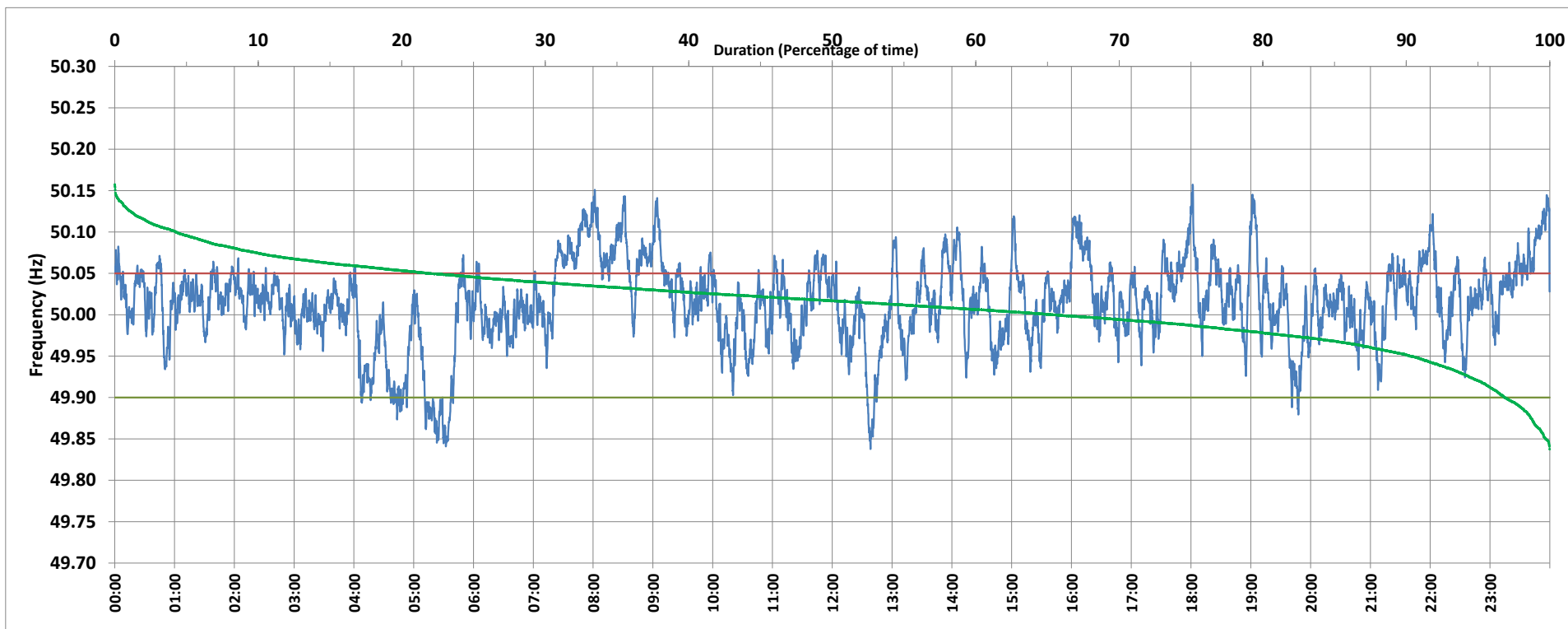


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jun-2020 (Sunday)



<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	3.14	15.81	0.00	3.14	31.44	61.16	4.27	75.00	100.00	46.72	17.63	65.34	37.47	21.86	0.00	9.68	68.46	6.54

Average Frequency : 50.014	Frequency Variation Index : 0.0276	Standard Deviation : 0.0506	Mileage: 43.8	FDI: 25.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.157	18:01:40
Min	49.838	12:38:20

15 minute Average Frequency		
Max	50.109	0:00:00
Min	49.876	5:30:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	96
above 50.00 Hz	191
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:02:22
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	6:00:00
-----------------------------------------	---------

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