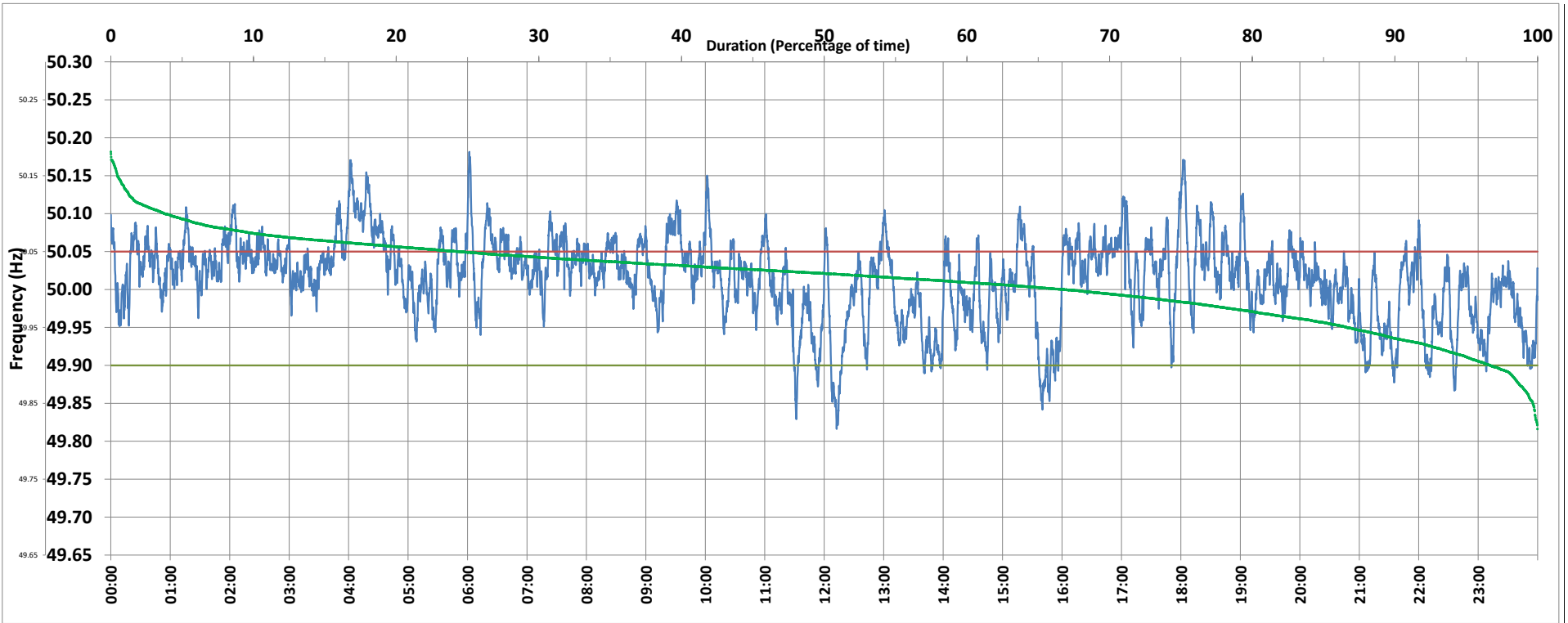


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-May-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	3.30	19.69	0.00	3.30	29.77	63.15	3.78	72.35	100.00	38.94	20.71	66.79	41.38	24.35	0.00	13.36	62.29	10.06

Average Frequency : 50.014	Frequency Variation Index : 0.0312	Standard Deviation : 0.0541	Mileage: 44.8	FDI: 27.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.181	6:01:50
Min	49.816	12:12:30

15 minute Average Frequency		
Max	50.117	4:15:00
Min	49.912	16:00:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	84
above 50.00 Hz	124
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	6:38:10
---	---------

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