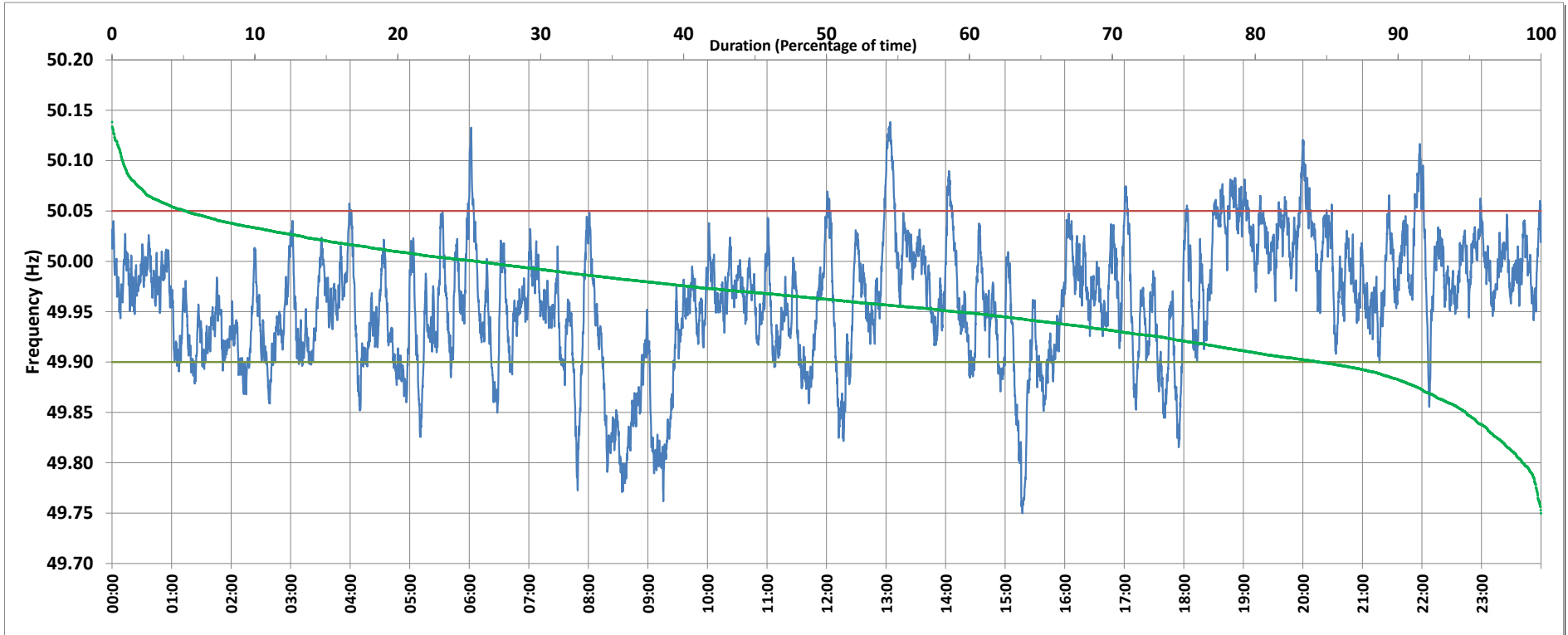


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Nov-2018 (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	15.47	55.69	1.28	14.19	58.89	24.90	0.74	79.38	100.00	33.08	4.42	25.58	11.23	5.15	0.00	40.88	53.97	25.41

Average Frequency : 49.959	Frequency Variation Index : 0.0544	Standard Deviation : 0.0611	Mileage: 45.8	FDI: 20.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.138	13:04:10
Min	49.750	15:17:20

15 minute Average Frequency		
Max	50.061	13:15:00
Min	49.810	8:45:00

No. of excursions	
above 50.03 Hz	98
below 49.97 Hz	173
above 50.00 Hz	139
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:04:38
above 50.03	0:01:39

No. of hours freq outside 49.9-50.05 Hz	4:57:00
---	---------

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