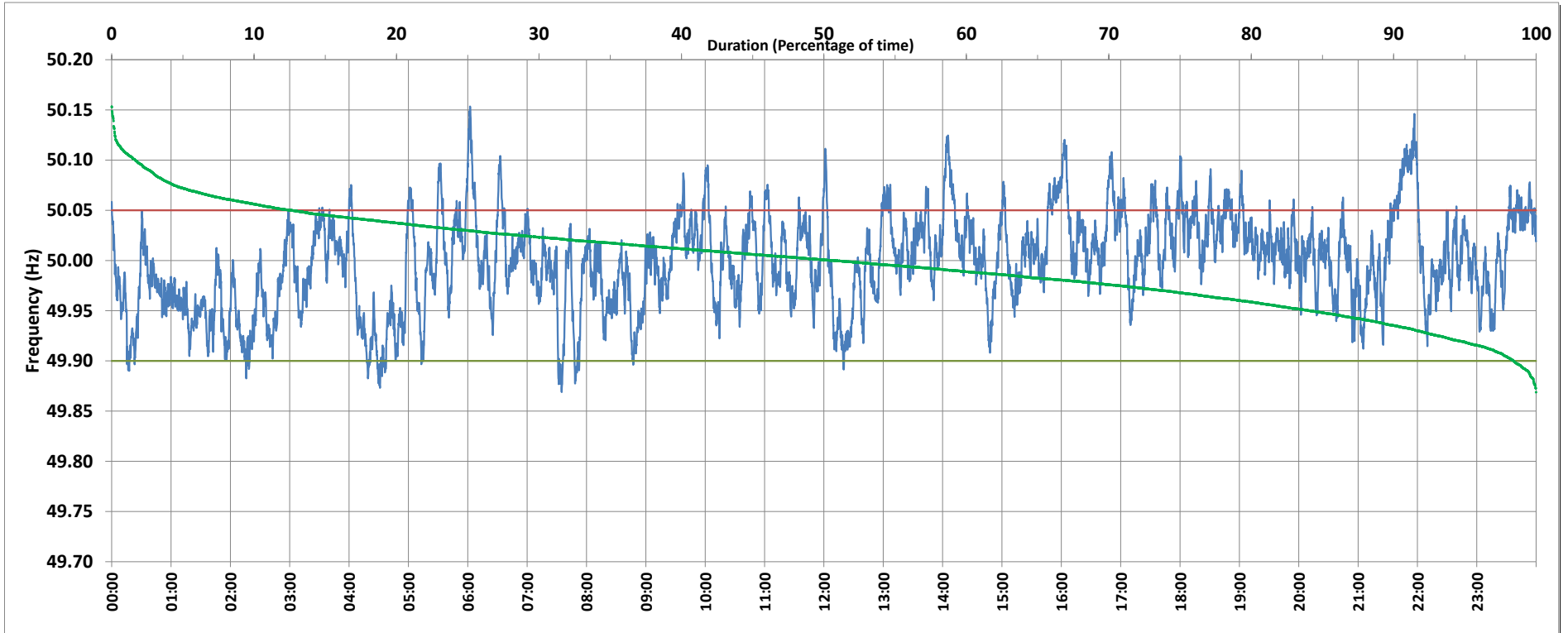


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Nov-2018 (Tuesday)



<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	1.57	26.05	0.00	1.57	47.62	49.12	1.69	85.78	100.00	49.00	11.04	50.69	24.94	12.65	0.00	15.86	71.49	14.28

Average Frequency : 49.999	Frequency Variation Index : 0.0214	Standard Deviation : 0.0463	Mileage: 44.8	FDI: 14.2
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.153	6:02:10
Min	49.869	7:34:50

15 minute Average Frequency		
Max	50.104	22:00:00
Min	49.915	4:30:00

No. of excursions	
above 50.03 Hz	157
below 49.97 Hz	133
above 50.00 Hz	207
below 50.00 Hz	202

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	3:24:50
---	---------

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