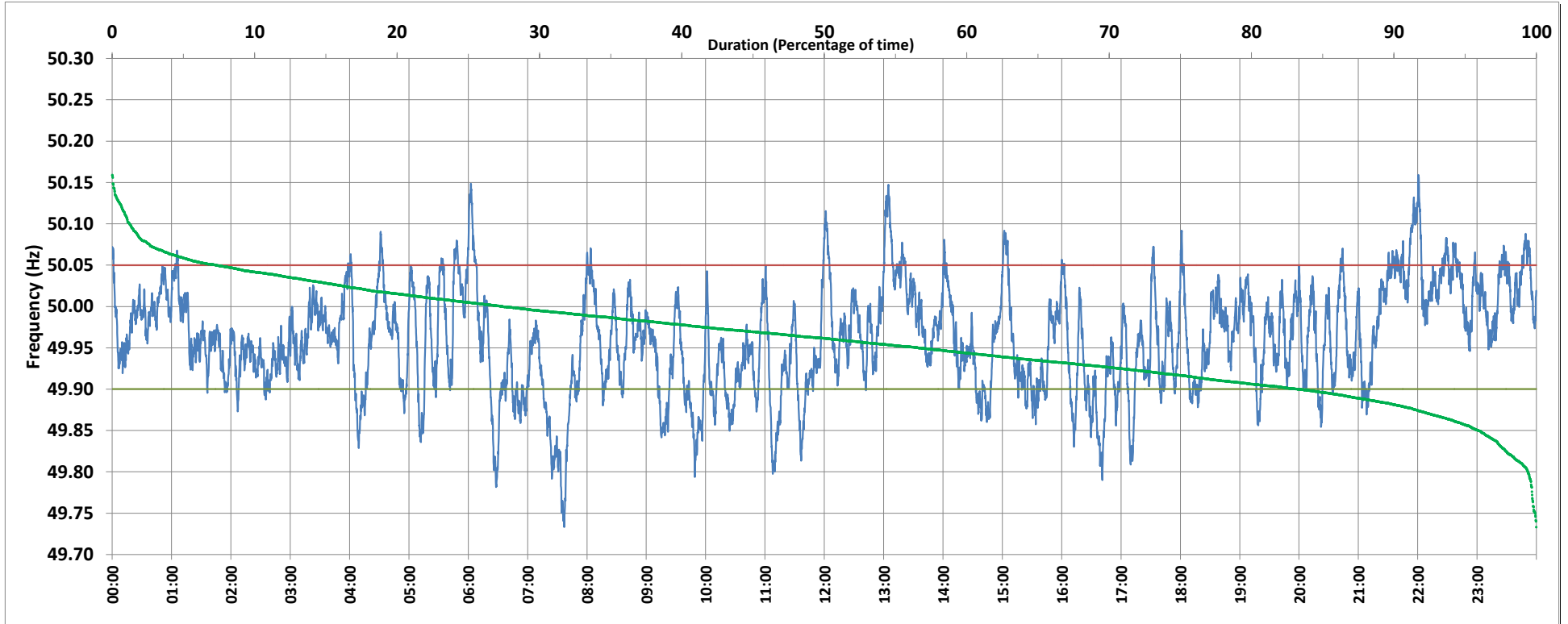


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Dec-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	16.68	55.32	0.58	16.10	55.88	26.23	1.22	76.01	100.00	30.28	6.11	27.44	14.40	7.31	0.00	43.33	49.35	26.66

Average Frequency : 49.960	Frequency Variation Index : 0.0557	Standard Deviation : 0.0633	Mileage: 46.7	FDI: 24.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.159	22:00:30
Min	49.733	7:37:00

15 minute Average Frequency		
Max	50.078	13:15:00
Min	49.819	7:45:00

No. of excursions	
above 50.03 Hz	87
below 49.97 Hz	137
above 50.00 Hz	132
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:05:49
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	5:45:30
---	---------

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