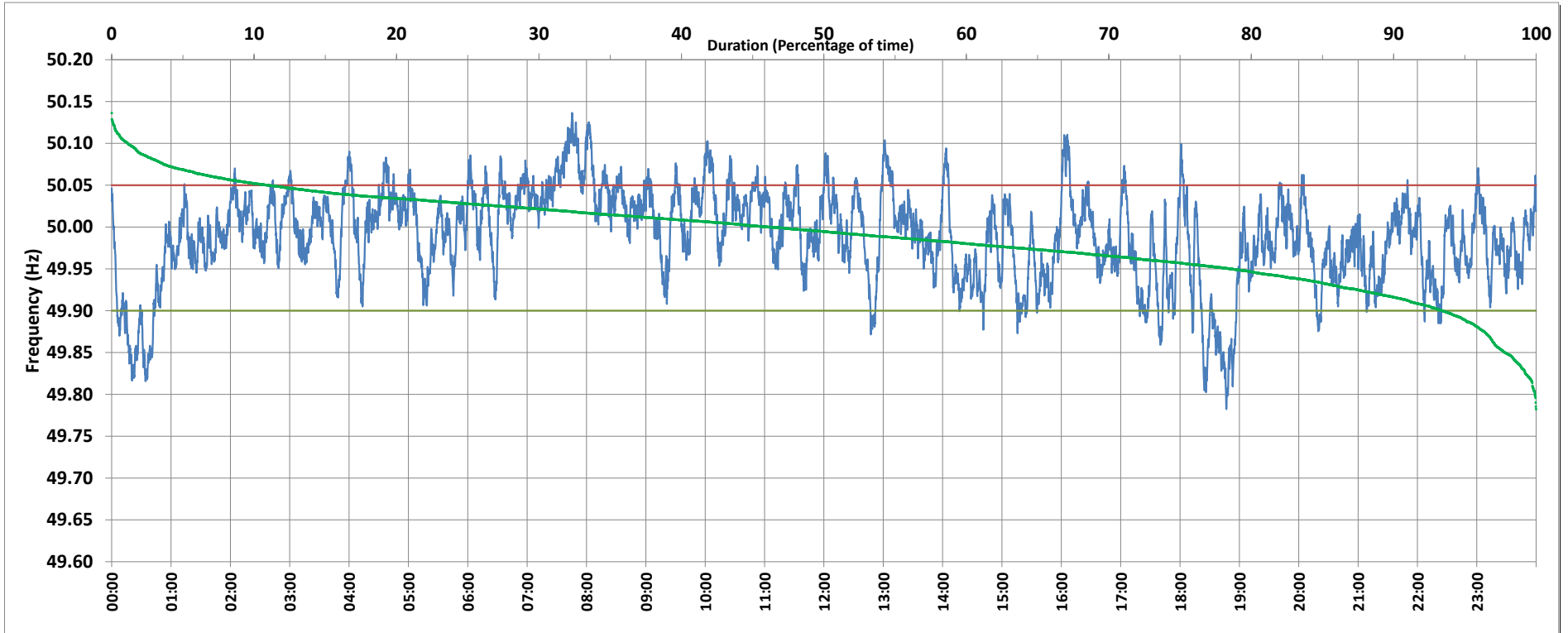


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Sep-2018 (Wednesday)



<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
0.0	6.6	32.7	0.1	6.5	47.1	45.1	1.1	82.5	100.0	43.9	9.9	46.2	23.4	11.0	0.0	21.3	67.7	14.8

Average Frequency : 49.989	Frequency Variation Index : 0.032	Standard Deviation : 0.055	Mileage: 46.6	FDI: 17.5
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.136	7:45:20
Min	49.782	18:46:40

15 minute Average Frequency		
Max	50.084	8:00:00
Min	49.855	0:30:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	150
above 50.00 Hz	162
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:03:08
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	4:12:40
---	---------

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