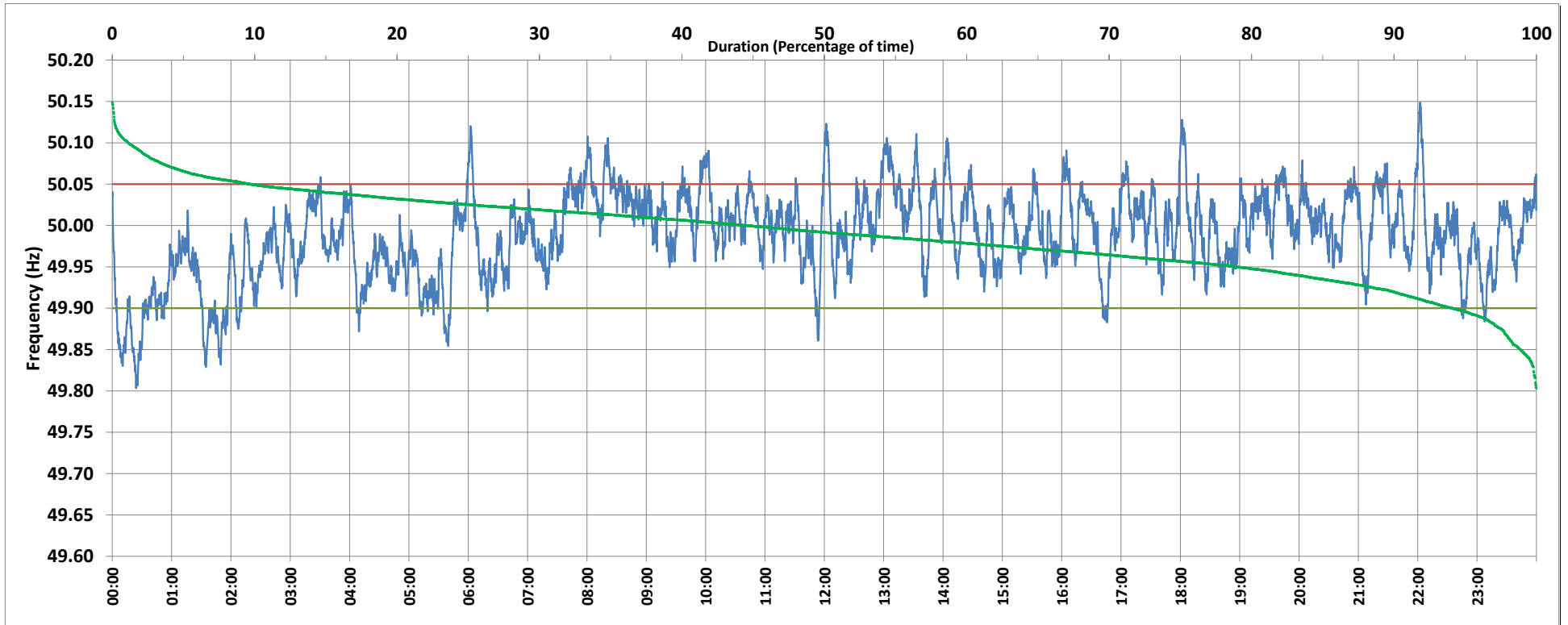


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Oct-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
0.0	5.9	33.9	0.0	5.9	49.5	43.5	1.2	84.4	100.0	44.6	8.6	44.6	21.5	9.7	0.0	21.0	69.2	15.1

Average Frequency : 49.989	Frequency Variation Index : 0.029	Standard Deviation : 0.052	Mileage: 43.5	FDI: 15.6
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.149	22:02:30
Min	49.803	0:24:10

15 minute Average Frequency		
Max	50.069	13:15:00
Min	49.854	0:30:00

No. of excursions	
above 50.03 Hz	143
below 49.97 Hz	156
above 50.00 Hz	160
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:03:08
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	3:45:00
---	---------

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