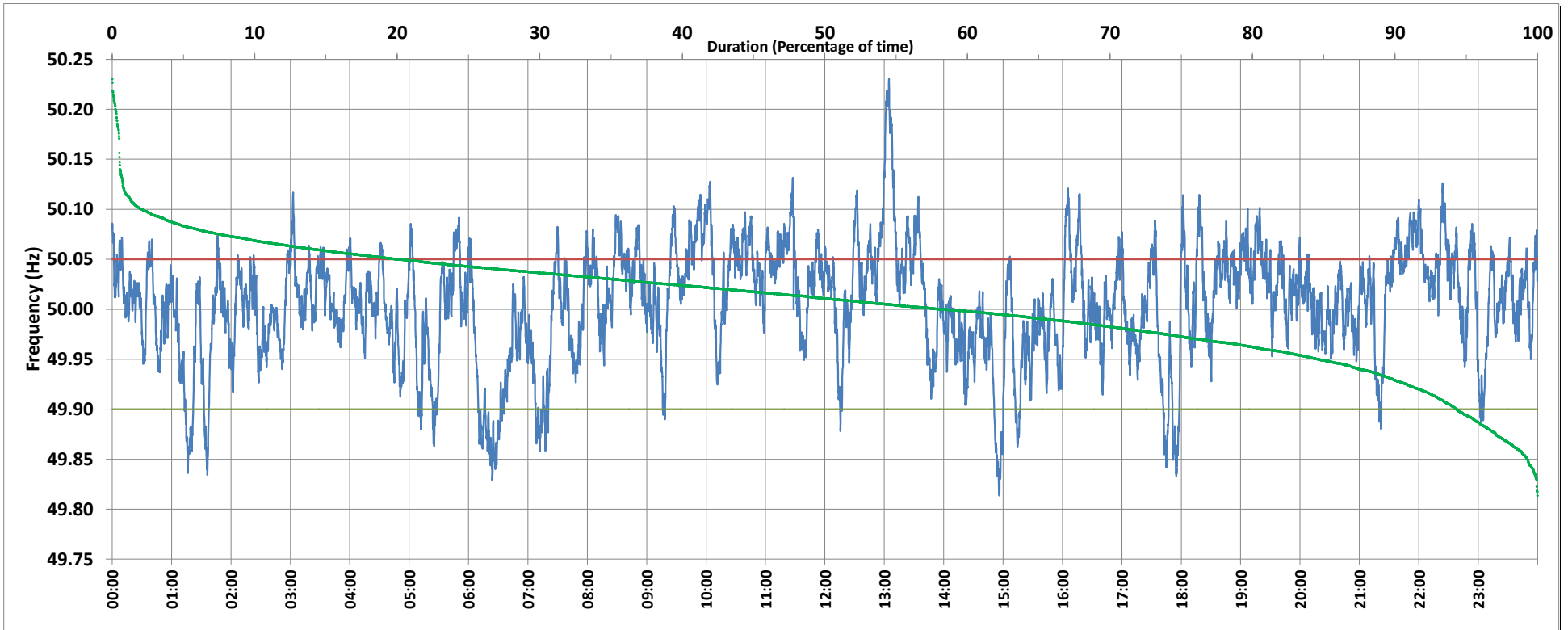


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Oct-2019 (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	5.66	23.65	0.00	5.66	35.98	56.24	1.89	74.22	99.77	41.06	18.04	58.19	35.29	20.12	0.23	15.36	64.53	9.70

Average Frequency : 50.005	Frequency Variation Index : 0.0321	Standard Deviation : 0.0565	Mileage: 53.2	FDI: 25.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.230	13:04:40
Min	49.814	14:56:10

15 minute Average Frequency		
Max	50.138	13:15:00
Min	49.870	6:30:00

No. of excursions	
above 50.03 Hz	212
below 49.97 Hz	134
above 50.00 Hz	204
below 50.00 Hz	205

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	6:11:10
---	---------

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