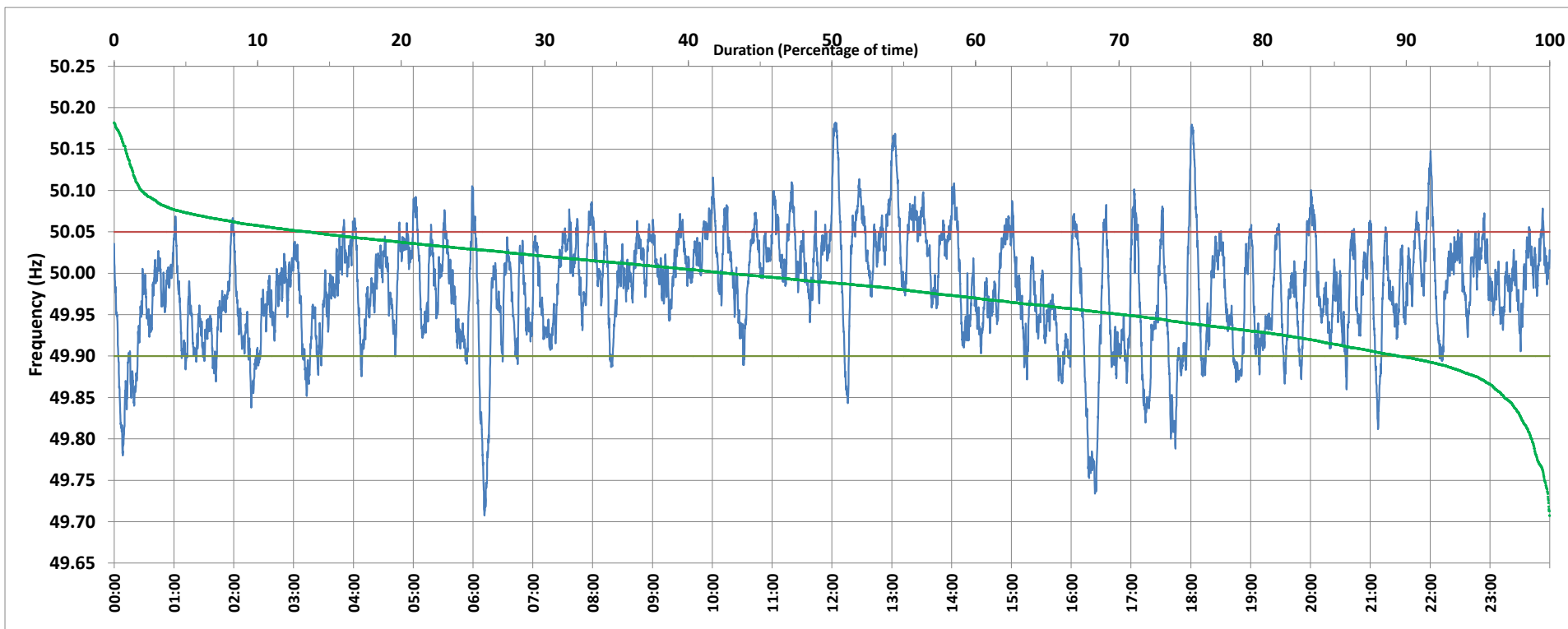


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Feb-2020 (Thursday)



<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	10.58	40.00	1.26	9.32	46.63	40.88	1.91	76.00	100.00	35.69	11.62	42.63	24.31	13.43	0.00	29.64	56.93	19.06

Average Frequency : 49.982	Frequency Variation Index : 0.0471	Standard Deviation : 0.0662	Mileage: 50.5	FDI: 24.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.182	12:03:30
Min	49.707	6:11:30

15 minute Average Frequency		
Max	50.068	13:15:00
Min	49.800	16:30:00

No. of excursions	
above 50.03 Hz	149
below 49.97 Hz	134
above 50.00 Hz	164
below 50.00 Hz	163

Average time freq per excursion remains	
below 49.97	0:04:18
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	5:45:40
---	---------

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