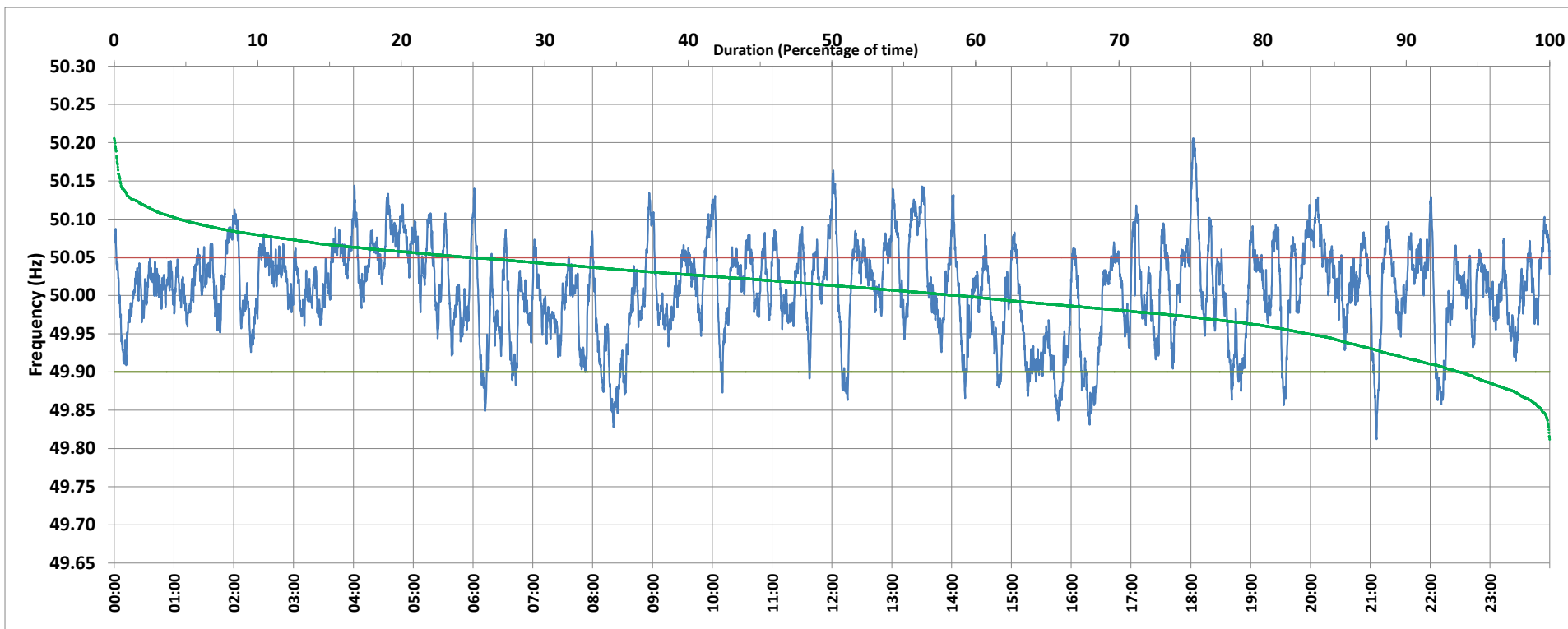


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	6.28	24.12	0.00	6.28	34.85	54.34	4.47	69.13	99.94	37.89	20.14	58.65	37.99	24.58	0.06	16.91	58.51	10.63

Average Frequency : 50.007	Frequency Variation Index : 0.0375	Standard Deviation : 0.0608	Mileage: 50.0	FDI: 30.9
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.206	18:02:20
Min	49.812	21:06:10

15 minute Average Frequency		
Max	50.090	13:30:00
Min	49.879	8:30:00

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	122
above 50.00 Hz	149
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:02:51
above 50.03	0:03:09

No. of hours freq outside 49.9-50.05 Hz	7:24:30
---	---------

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