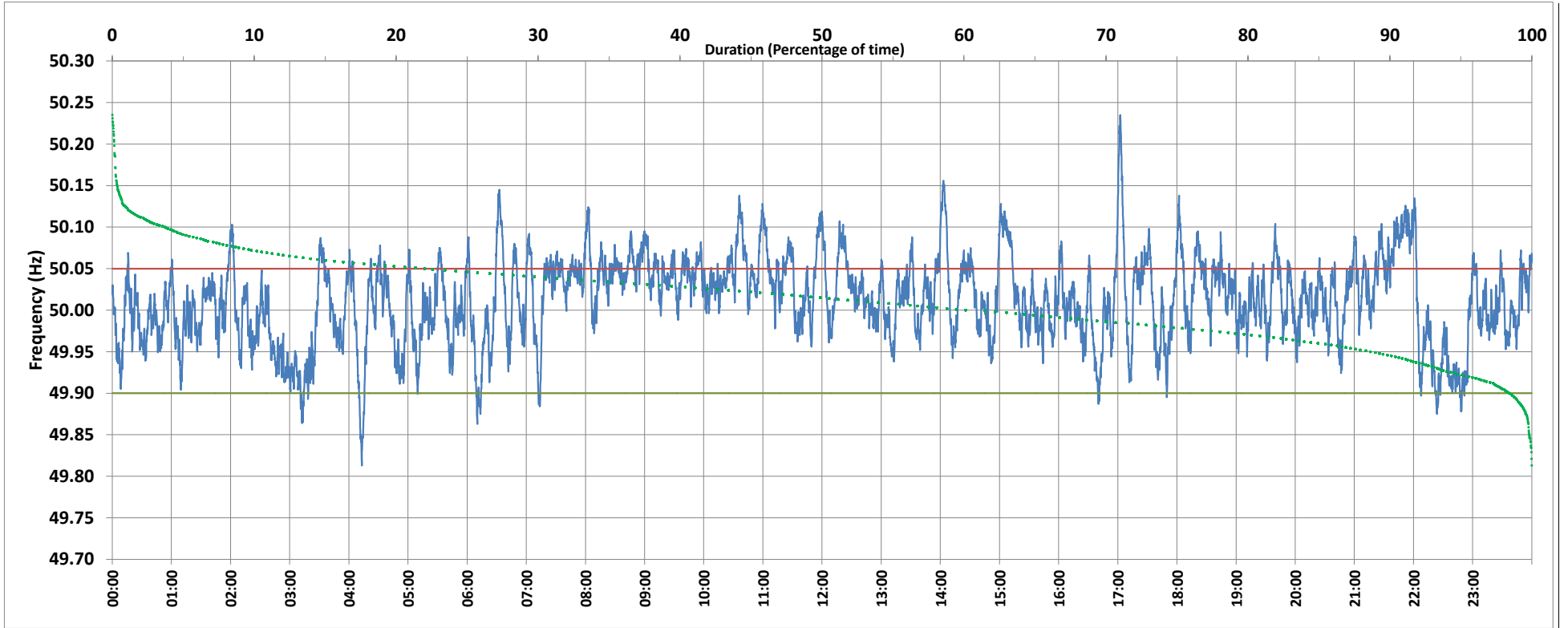


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 26-Jan-2021 (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
0.00	1.49	19.17	0.00	1.49	37.03	57.69	3.66	76.50	99.86	42.31	18.84	60.10	38.52	22.00	0.14	11.03	66.97	9.54

Average Frequency : 50.012	Frequency Variation Index : 0.0271	Standard Deviation : 0.0507	Mileage: 50.6	FDI: 23.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.235	17:02:30
Min	49.813	4:13:00

15 minute Average Frequency		
Max	50.098	22:00:00
Min	49.914	3:15:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	107
above 50.00 Hz	150
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:03:20

No. of hours freq outside 49.9-50.05 Hz	5:38:20
---	---------

Source : BONGAIGAON:Frequency 10 Sec. (8640 samples)