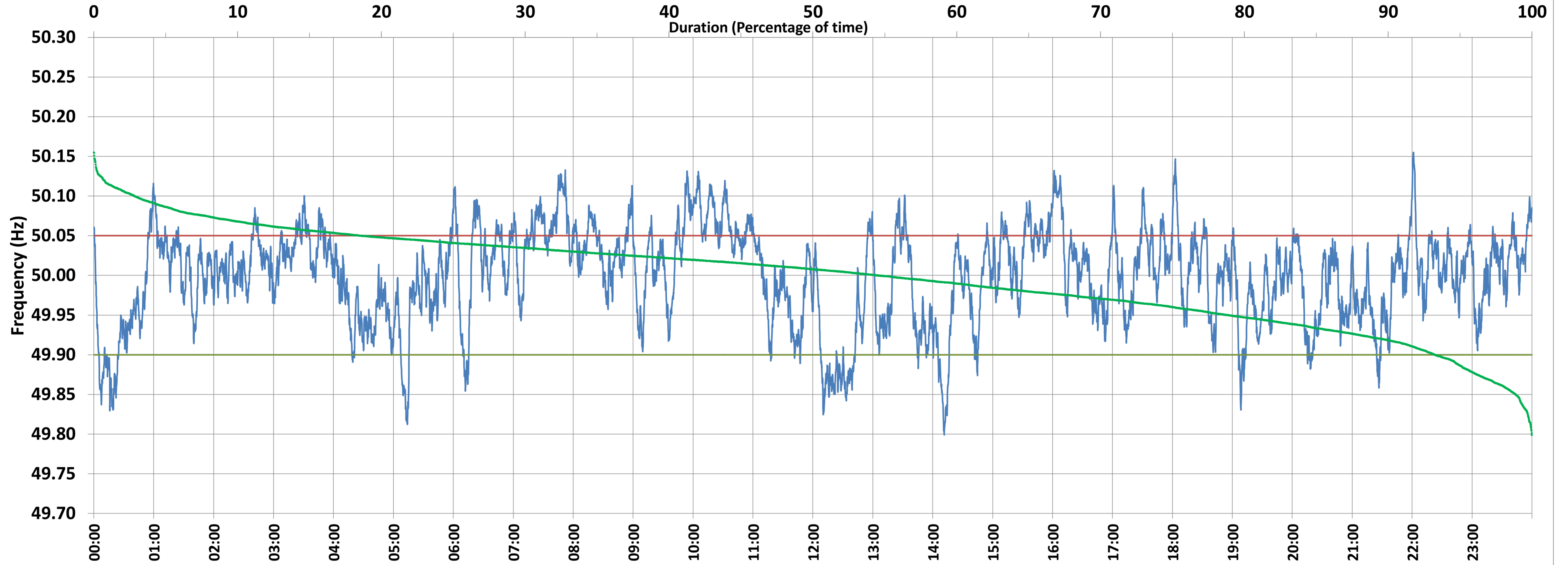


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-May-2021 (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	6.75	29.51	0.01	6.74	38.75	51.69	2.81	74.69	100.00	37.03	15.75	54.50	33.46	18.56	0.00	21.12	60.31	14.38

Average Frequency : 49.999	Frequency Variation Index : 0.0355	Standard Deviation : 0.0597	Mileage: 46.2	FDI: 25.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.155	22:01:00
Min	49.799	14:11:00

15 minute Average Frequency		
Max	50.083	8:00:00
Min	49.870	12:30:00

No. of excursions	
above 50.03 Hz	166
below 49.97 Hz	125
above 50.00 Hz	152
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:03:24
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	6:04:30
---	---------

Source : BARH 10 Sec. (8640 samples)