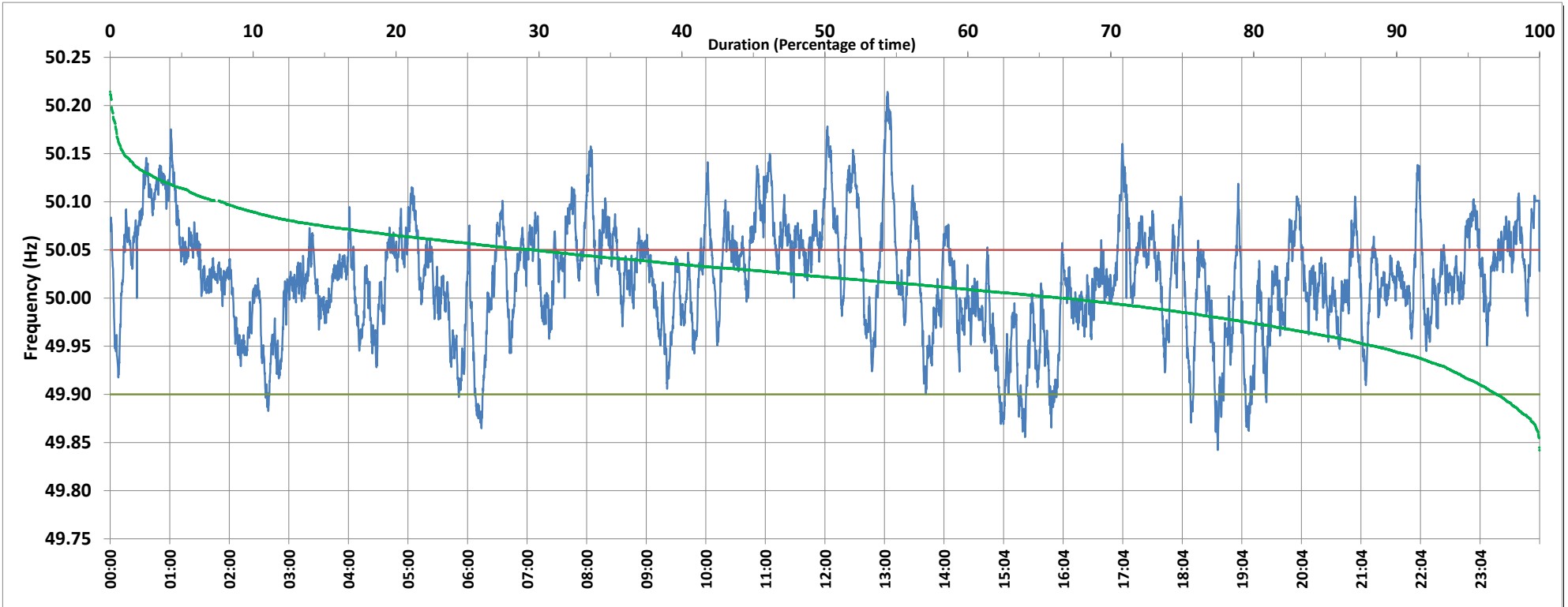


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jul-2019 (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	3.01	18.46	0.00	3.01	30.30	58.89	7.70	67.41	99.90	37.48	21.89	66.50	44.06	29.58	0.10	11.49	58.92	8.48

Average Frequency : 50.020	Frequency Variation Index : 0.0367	Standard Deviation : 0.0572	Mileage: 45.5	FDI: 32.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.214	13:03:00
Min	49.842	18:40:10

15 minute Average Frequency		
Max	50.122	13:15:00
Min	49.914	18:45:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	89
above 50.00 Hz	152
below 50.00 Hz	151

Average time freq per excursion remains	
below 49.97	0:02:59
above 50.03	0:03:41

No. of hours freq outside 49.9-50.05 Hz	7:49:20
---	---------

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