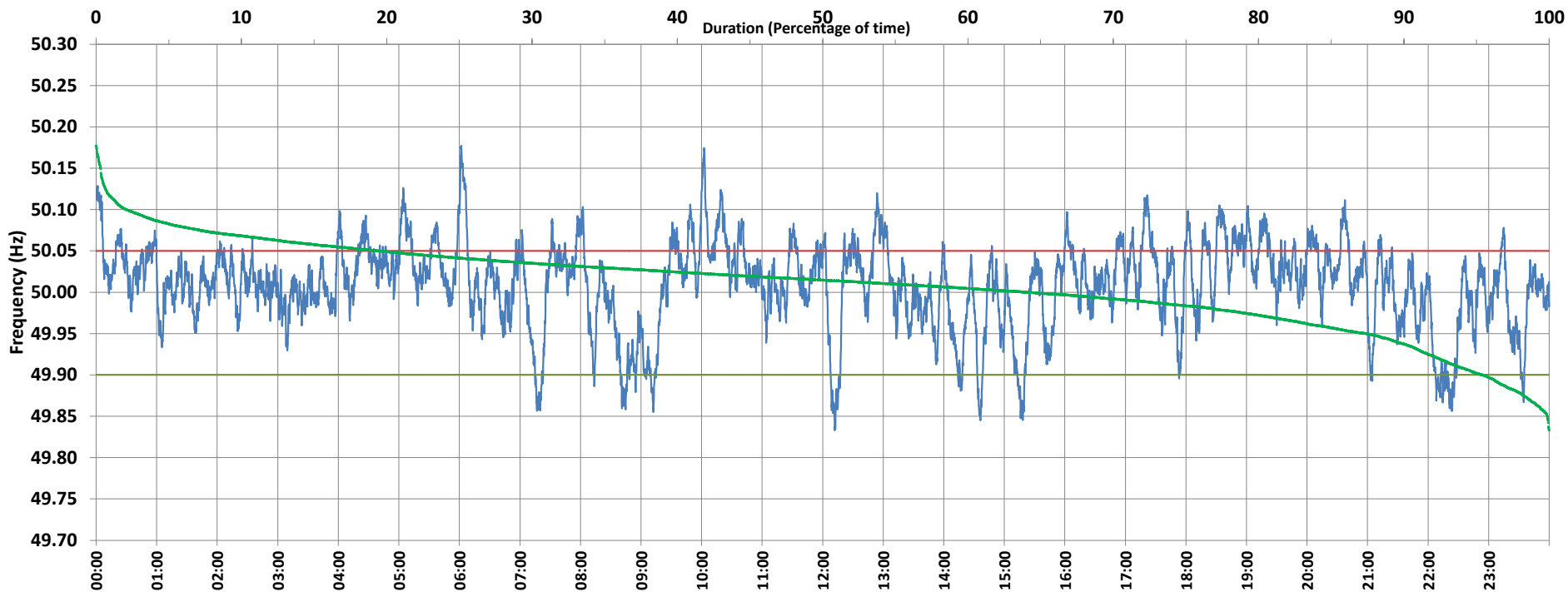


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 04-Aug-2020 (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	4.58	19.17	0.00	4.58	31.25	62.06	2.11	75.94	100.00	46.18	17.44	64.10	34.65	19.48	0.00	12.53	67.99	7.95

Average Frequency : 50.009	Frequency Variation Index : 0.0278	Standard Deviation : 0.0520	Mileage: 44.7	FDI: 24.1
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.177	6:01:50
Min	49.833	12:11:50

15 minute Average Frequency		
Max	50.081	10:15:00
Min	49.894	22:30:00

No. of excursions	
above 50.03 Hz	213
below 49.97 Hz	84
above 50.00 Hz	180
below 50.00 Hz	177

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	5:46:30
---	---------

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