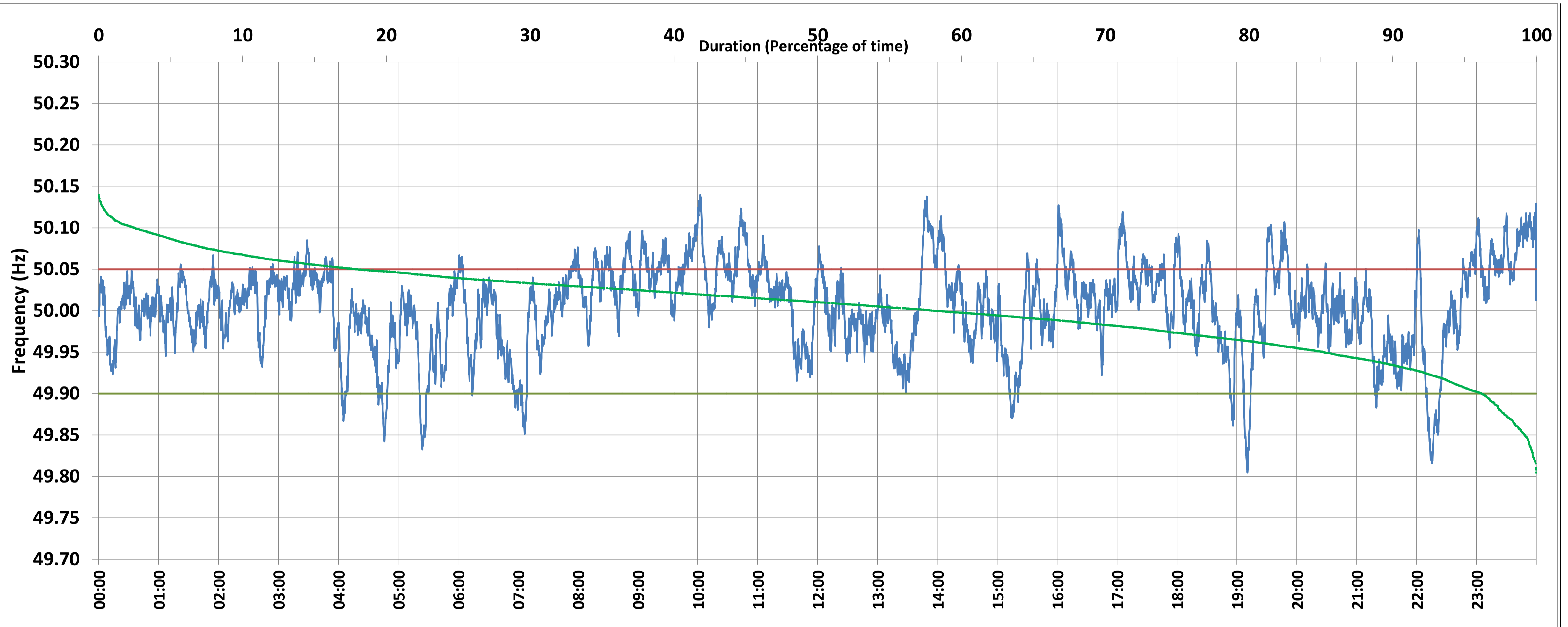


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Aug-2020 (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	3.81	23.31	0.00	3.81	37.99	55.68	2.52	78.26	100.00	43.89	15.51	58.14	32.80	17.93	0.00	14.73	67.34	10.93

Average Frequency : 50.005	Frequency Variation Index : 0.0284	Standard Deviation : 0.0532	Mileage: 44.7	FDI: 21.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.140	10:02:20
Min	49.805	19:10:30

15 minute Average Frequency		
Max	50.099	0:00:00
Min	49.898	22:30:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	109
above 50.00 Hz	172
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	5:13:00
---	---------

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