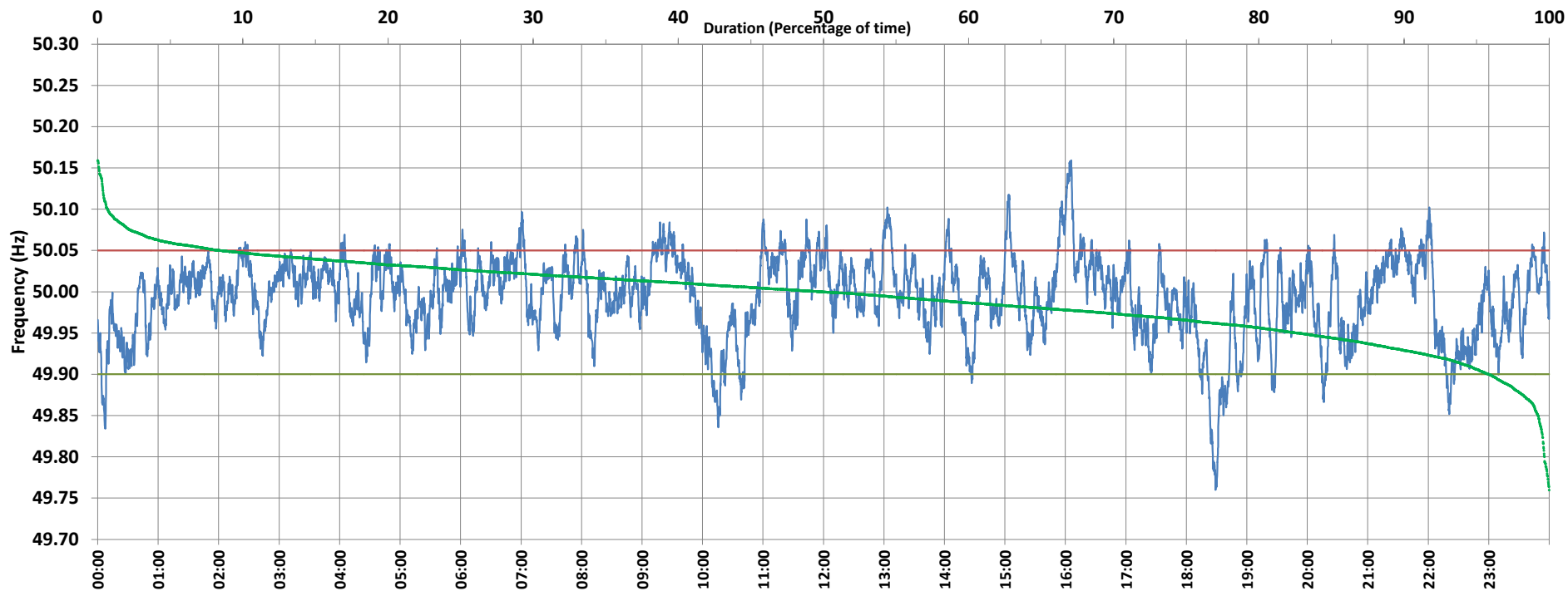


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 01-Aug-2020 (Saturday)



<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	4.14	27.53	0.32	3.82	45.90	49.27	0.68	87.36	100.00	49.88	7.86	49.90	22.58	8.50	0.00	17.19	74.32	13.04

Average Frequency : 49.993	Frequency Variation Index : 0.0240	Standard Deviation : 0.0487	Mileage: 43.9	FDI: 12.6
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Instantaneous Frequency	
Max	50.159 16:05:40
Min	49.760 18:29:00

15 minute Average Frequency	
Max	50.084 16:15:00
Min	49.861 18:30:00

No. of excursions	
above 50.03 Hz	183
below 49.97 Hz	136
above 50.00 Hz	194
below 50.00 Hz	196

Average time freq per excursion remains	
below 49.97	0:02:55
above 50.03	0:01:47

No. of hours freq outside 49.9-50.05 Hz	3:02:00
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)