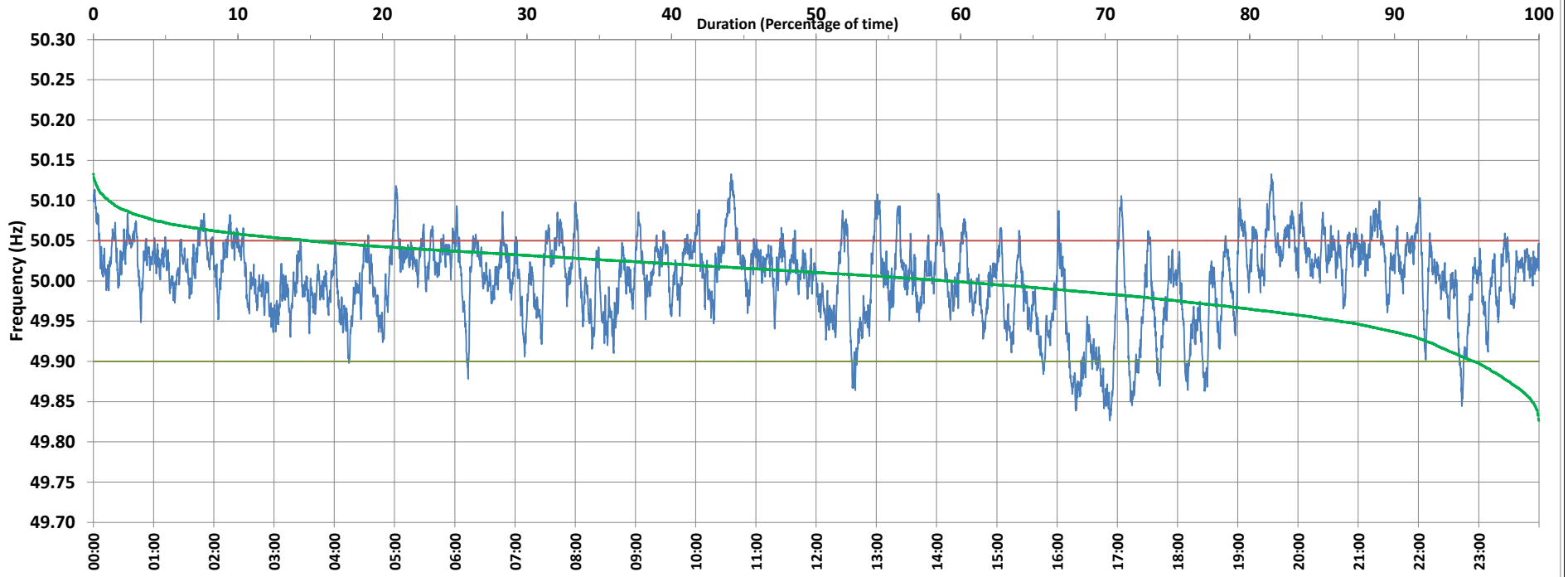


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 12-Aug-2020 (Wednesday)



<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	4.46	22.26	0.00	4.46	36.34	58.14	1.06	80.66	100.00	46.05	13.88	59.16	31.69	14.88	0.00	13.77	71.34	9.32

Average Frequency : 50.003	Frequency Variation Index : 0.0249	Standard Deviation : 0.0498	Mileage: 46.3	FDI: 19.3
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Instantaneous Frequency		
Max	50.133	10:35:20
Min	49.827	16:52:30

15 minute Average Frequency		
Max	50.080	10:45:00
Min	49.879	16:30:00

No. of excursions	
above 50.03 Hz	213
below 49.97 Hz	115
above 50.00 Hz	174
below 50.00 Hz	175

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	4:38:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)