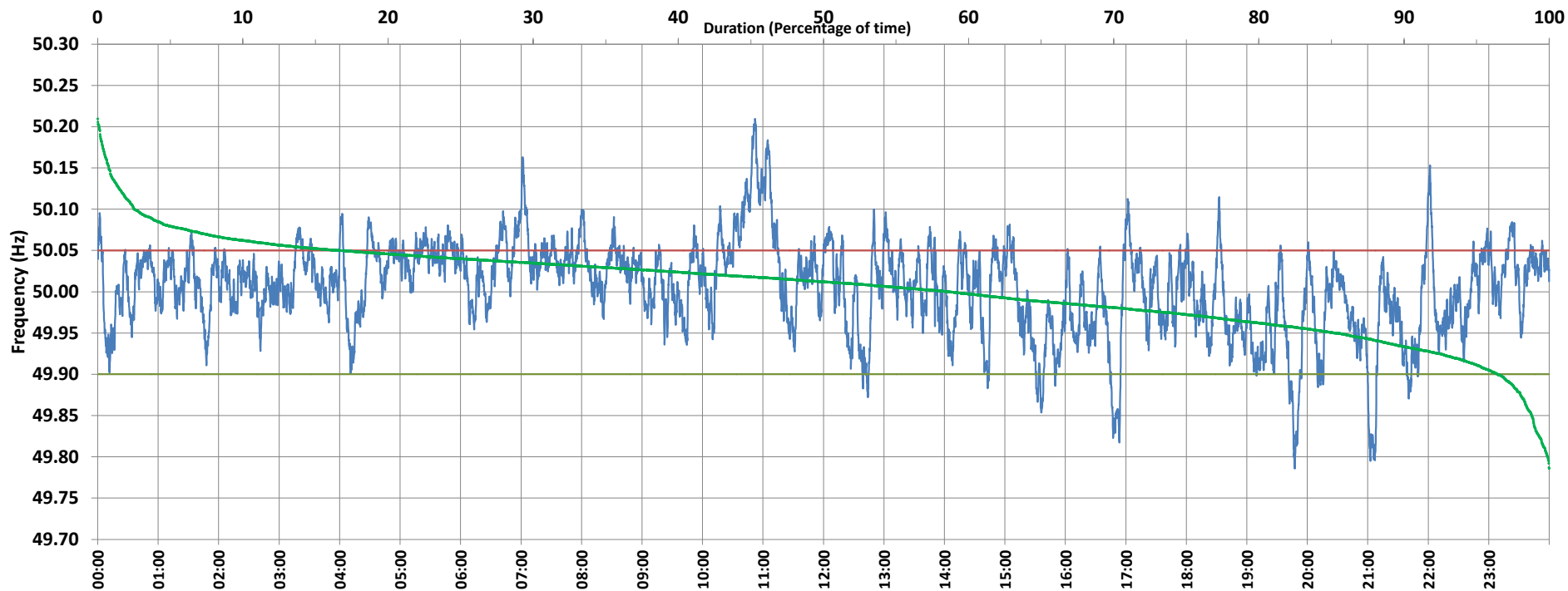


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Aug-2020 (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	3.54	23.69	0.10	3.44	37.78	56.13	2.45	79.68	99.91	41.89	14.33	58.67	34.42	16.78	0.09	14.66	68.55	11.12

Average Frequency : 50.005	Frequency Variation Index : 0.0302	Standard Deviation : 0.0547	Mileage: 46.8	FDI: 20.3
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Instantaneous Frequency		
Max	50.210	10:52:10
Min	49.786	19:47:30

15 minute Average Frequency		
Max	50.144	11:00:00
Min	49.891	21:15:00

No. of excursions	
above 50.03 Hz	206
below 49.97 Hz	121
above 50.00 Hz	159
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	4:52:40
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)