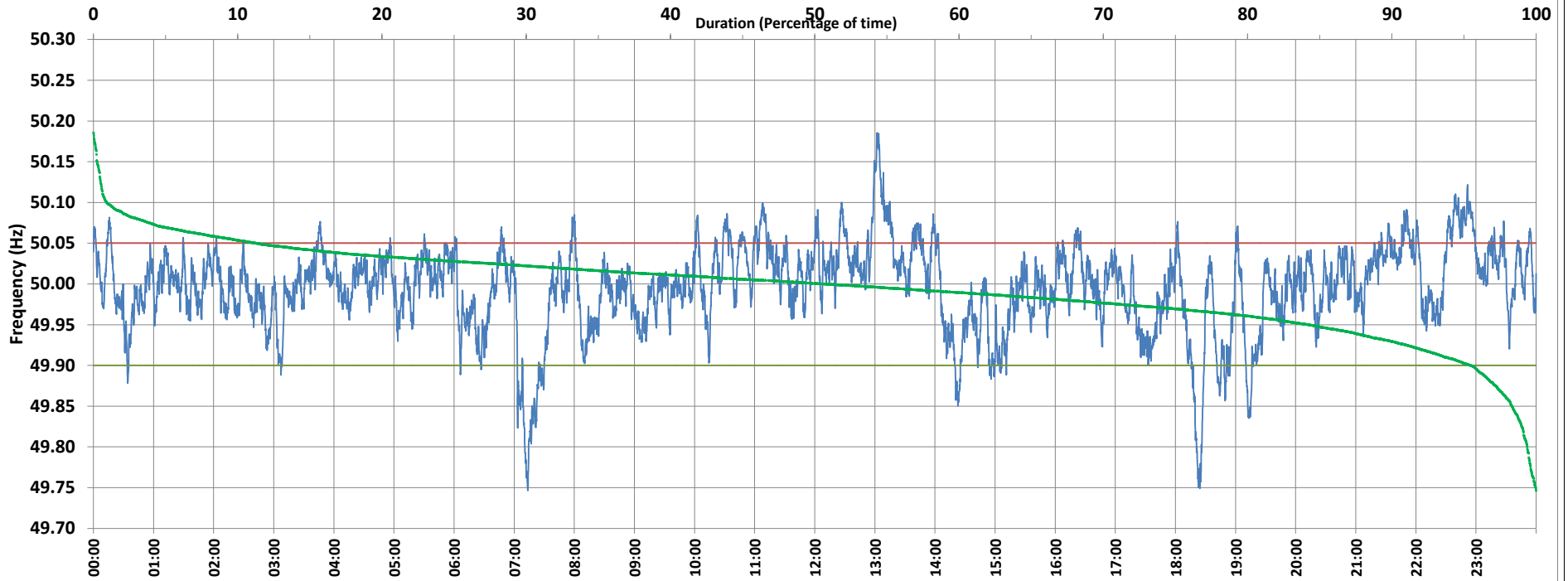


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-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	4.53	25.25	0.61	3.91	44.70	49.86	0.91	84.17	100.00	51.62	10.39	50.66	23.13	11.31	0.00	15.76	72.93	11.24

Average Frequency : 49.995	Frequency Variation Index : 0.0281	Standard Deviation : 0.0528	Mileage: 46.9	FDI: 15.8
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Instantaneous Frequency		
Max	50.186	13:02:00
Min	49.747	7:13:30

15 minute Average Frequency		
Max	50.120	13:15:00
Min	49.839	18:30:00

No. of excursions	
above 50.03 Hz	178
below 49.97 Hz	157
above 50.00 Hz	205
below 50.00 Hz	204

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	3:48:00
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)