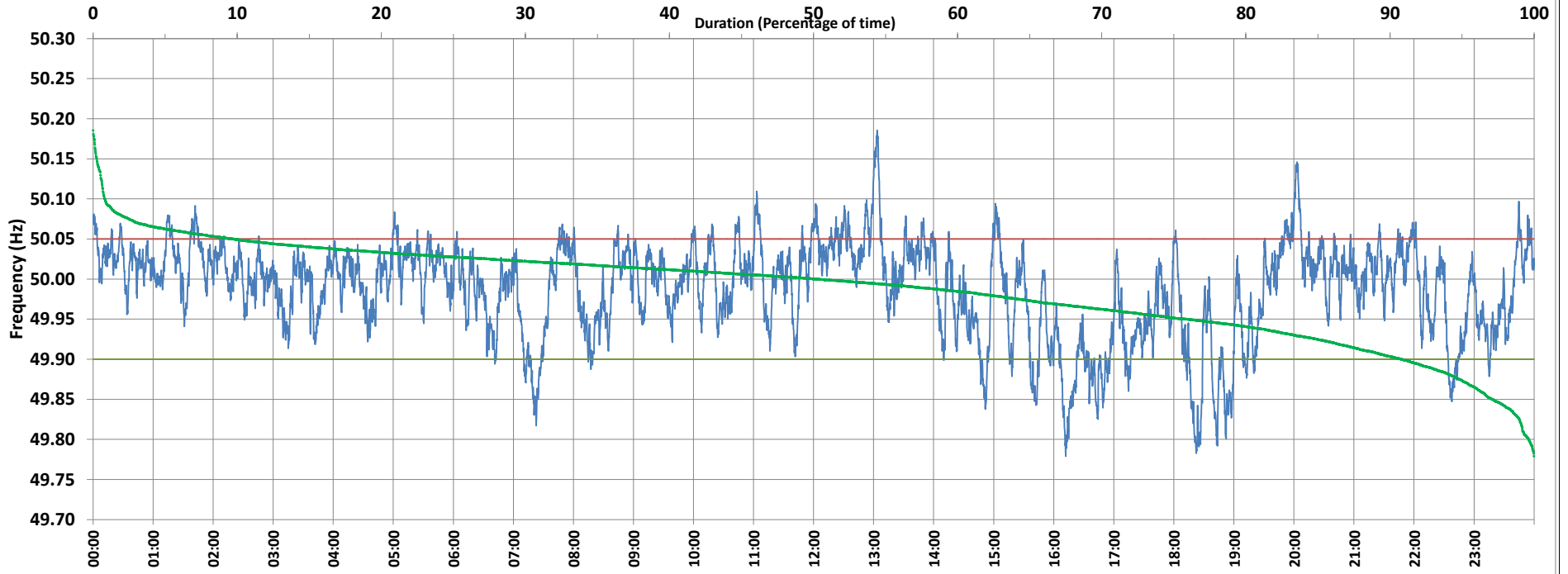


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-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	9.19	33.81	0.38	8.81	40.53	49.47	0.81	81.08	100.00	43.44	8.94	50.19	22.75	9.73	0.00	24.04	66.23	14.85

Average Frequency : 49.987	Frequency Variation Index : 0.0363	Standard Deviation : 0.0588	Mileage: 48.1	FDI: 18.9
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Instantaneous Frequency		
Max	50.185	13:03:30
Min	49.779	16:11:50

15 minute Average Frequency		
Max	50.072	13:15:00
Min	49.838	18:30:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	109
above 50.00 Hz	189
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:04:28
above 50.03	0:01:39

No. of hours freq outside 49.9-50.05 Hz	4:32:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)