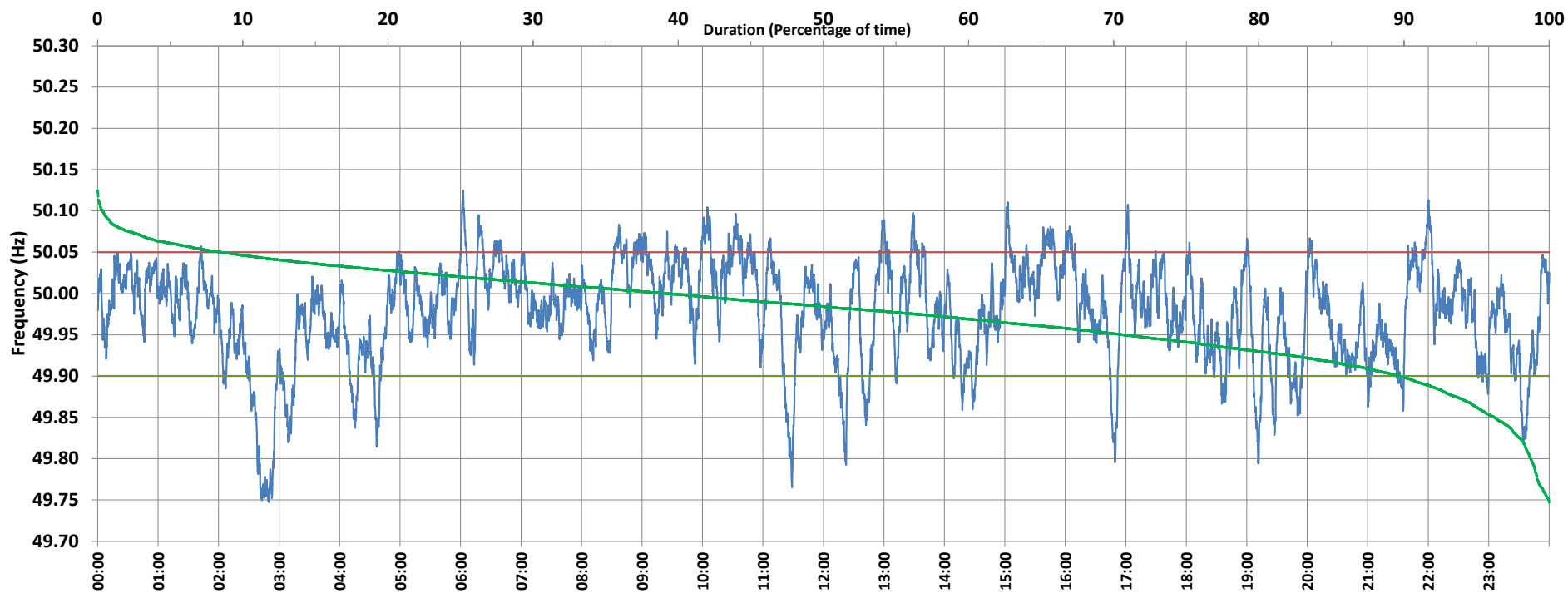


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	10.32	40.51	1.26	9.06	50.38	38.96	0.34	81.19	100.00	40.90	8.23	39.20	18.59	8.48	0.00	29.28	62.23	18.96

Average Frequency : 49.977	Frequency Variation Index : 0.0424	Standard Deviation : 0.0608	Mileage: 45.7	FDI: 18.8
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Instantaneous Frequency		
Max	50.125	6:02:30
Min	49.747	2:49:40

15 minute Average Frequency		
Max	50.054	8:45:00
Min	49.810	3:00:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	137
above 50.00 Hz	157
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:30:50
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)