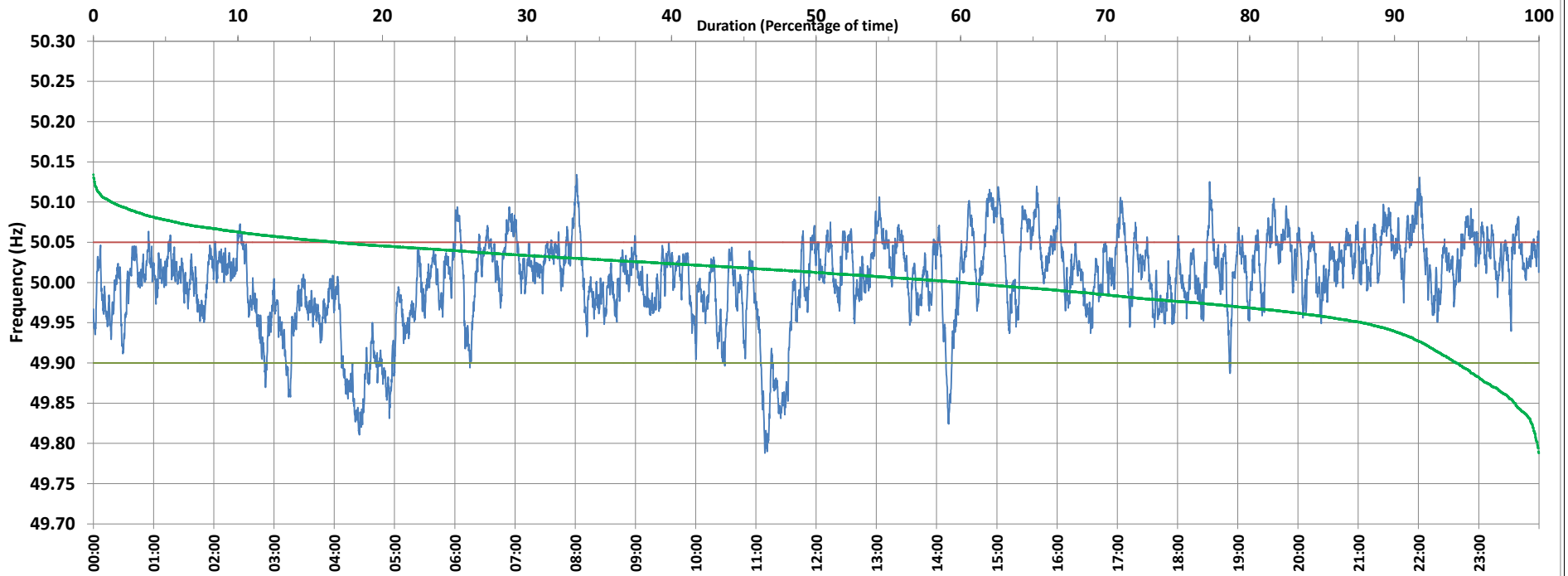


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Aug-2020 (Tuesday)



<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	5.69	20.88	0.10	5.59	34.20	58.83	1.27	77.51	100.00	45.56	15.61	60.08	33.56	16.79	0.00	12.20	71.01	6.50

Average Frequency : 50.004	Frequency Variation Index : 0.0288	Standard Deviation : 0.0536	Mileage: 44.4	FDI: 22.5
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Instantaneous Frequency		
Max	50.134	8:01:20
Min	49.788	11:08:50

15 minute Average Frequency		
Max	50.080	15:00:00
Min	49.846	4:30:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	131
above 50.00 Hz	172
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:02:18
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	5:23:50
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)