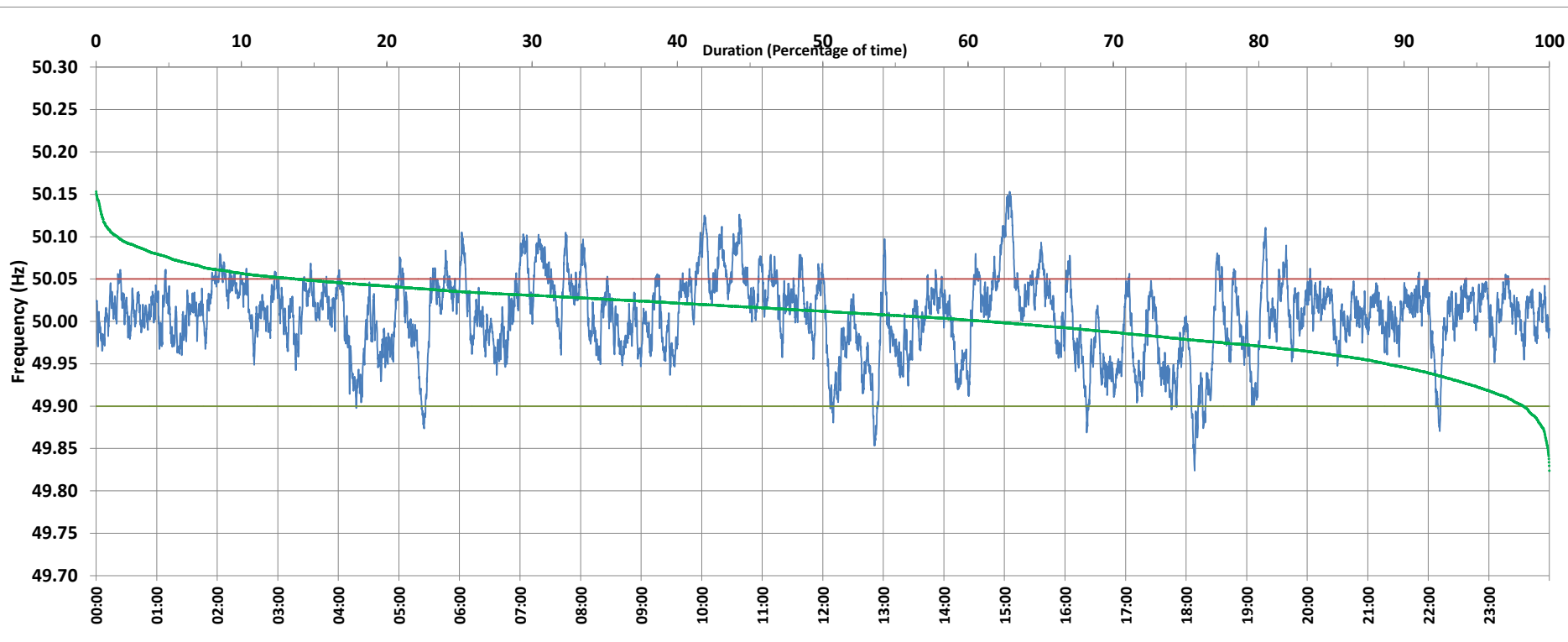


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Sep-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	1.76	19.42	0.00	1.76	36.81	59.98	1.46	84.50	100.00	49.53	12.38	61.35	31.05	13.74	0.00	10.00	75.06	8.24

Average Frequency : 50.007	Frequency Variation Index : 0.0208	Standard Deviation : 0.0451	Mileage: 45.6	FDI: 15.5
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Instantaneous Frequency		
Max	50.153	15:05:10
Min	49.824	18:08:20

15 minute Average Frequency		
Max	50.095	15:15:00
Min	49.914	18:15:00

No. of excursions	
above 50.03 Hz	242
below 49.97 Hz	125
above 50.00 Hz	185
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:02:14
above 50.03	0:01:51

No. of hours freq outside 49.9-50.05 Hz	3:43:10
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Source : BINAGURI:Frequency 10 Sec. (8640 samples)