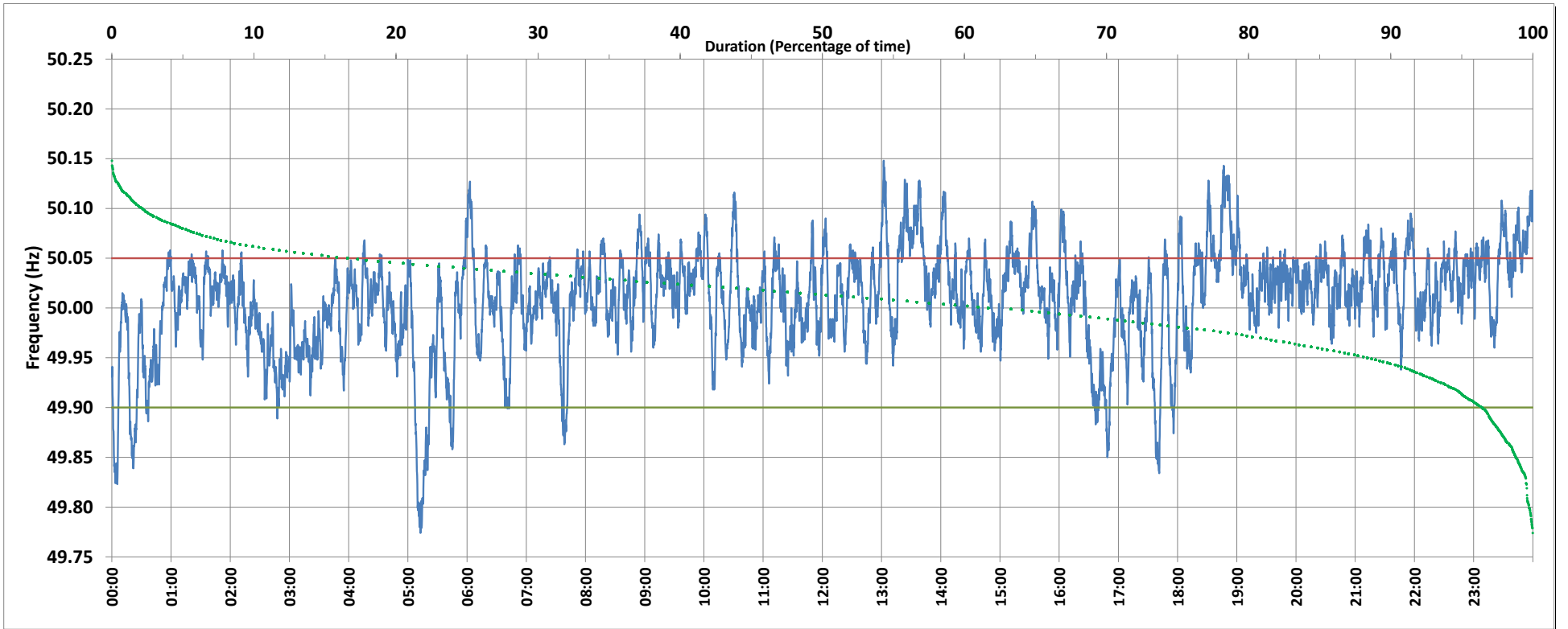


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Oct-2019 (Sunday)



<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	3.52	18.76	0.25	3.26	33.21	61.06	2.21	79.91	100.00	46.97	15.15	61.68	34.27	16.57	0.00	11.35	72.07	7.84

Average Frequency : 50.008	Frequency Variation Index : 0.0265	Standard Deviation : 0.0510	Mileage: 51.5	FDI: 20.1
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Instantaneous Frequency		
Max	50.148	13:02:10
Min	49.774	5:12:40

15 minute Average Frequency		
Max	50.093	19:00:00
Min	49.902	5:15:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	92
above 50.00 Hz	149
below 50.00 Hz	140

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	4:49:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)