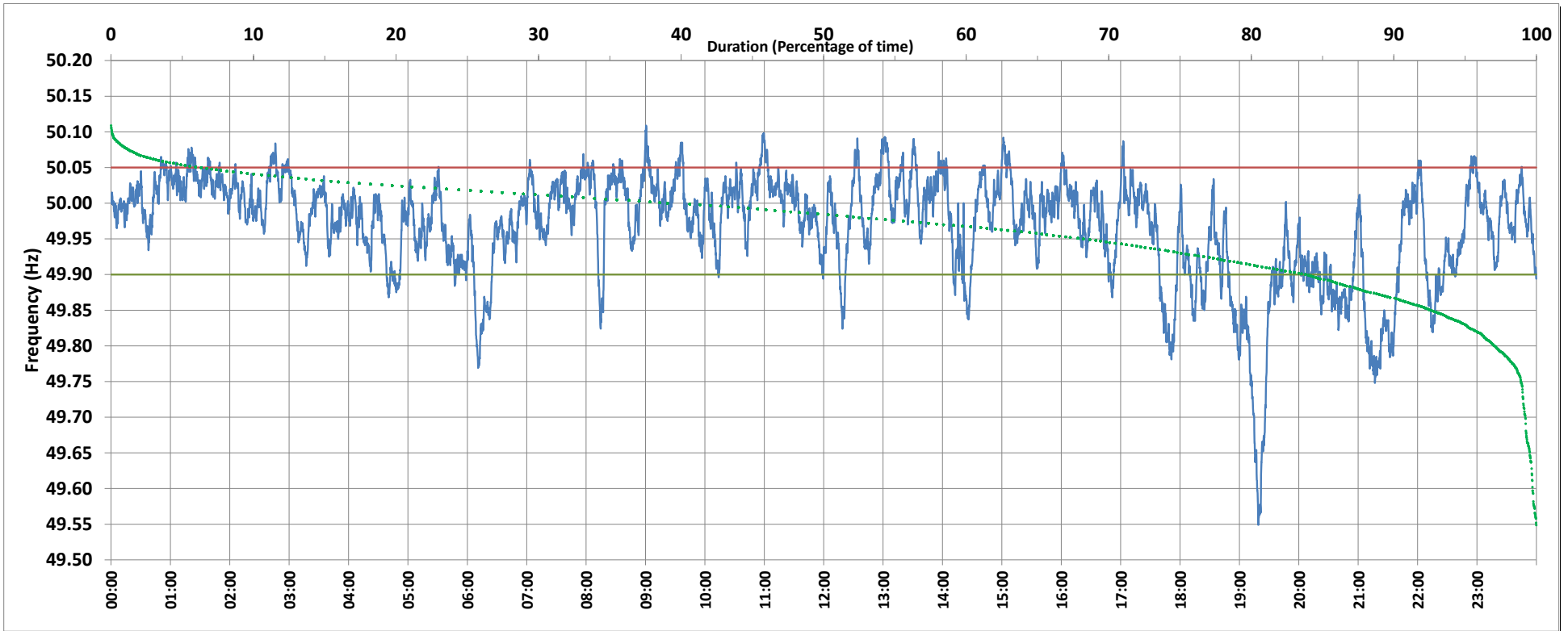


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Aug-2019 (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
0.78	15.98	40.90	2.09	13.11	43.40	40.54	0.07	77.69	99.22	43.15	6.67	39.04	15.95	6.33	0.00	31.32	62.35	15.34

Average Frequency : 49.968	Frequency Variation Index : 0.0645	Standard Deviation : 0.0734	Mileage: 45.6	FDI: 22.3
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Instantaneous Frequency		
Max	50.109	9:00:30
Min	49.549	19:19:00

15 minute Average Frequency		
Max	50.045	1:30:00
Min	49.670	19:30:00

No. of excursions	
above 50.03 Hz	120
below 49.97 Hz	103
above 50.00 Hz	98
below 50.00 Hz	106

Average time freq per excursion remains	
below 49.97	0:05:43
above 50.03	0:01:55

No. of hours freq outside 49.9-50.05 Hz	5:21:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)