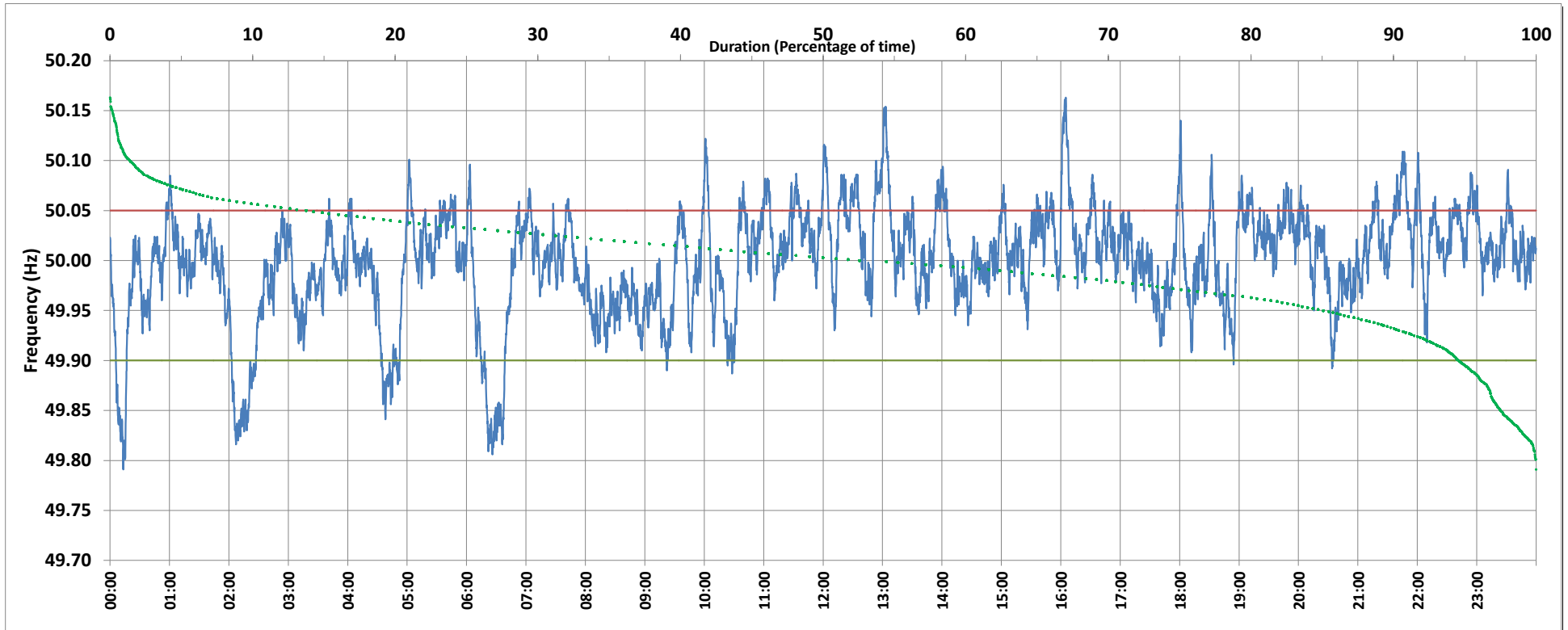


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Sep-2019 (Thursday)



<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	5.37	23.75	0.01	5.36	40.21	52.99	1.44	80.88	100.00	49.07	12.88	52.56	27.18	13.75	0.00	14.55	71.70	9.18

Average Frequency : 49.998	Frequency Variation Index : 0.0286	Standard Deviation : 0.0536	Mileage: 47.0	FDI: 19.1
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Instantaneous Frequency		
Max	50.163	16:05:00
Min	49.791	0:13:20

15 minute Average Frequency		
Max	50.087	16:15:00
Min	49.850	6:30:00

No. of excursions	
above 50.03 Hz	144
below 49.97 Hz	113
above 50.00 Hz	158
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:03:02
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	4:35:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)