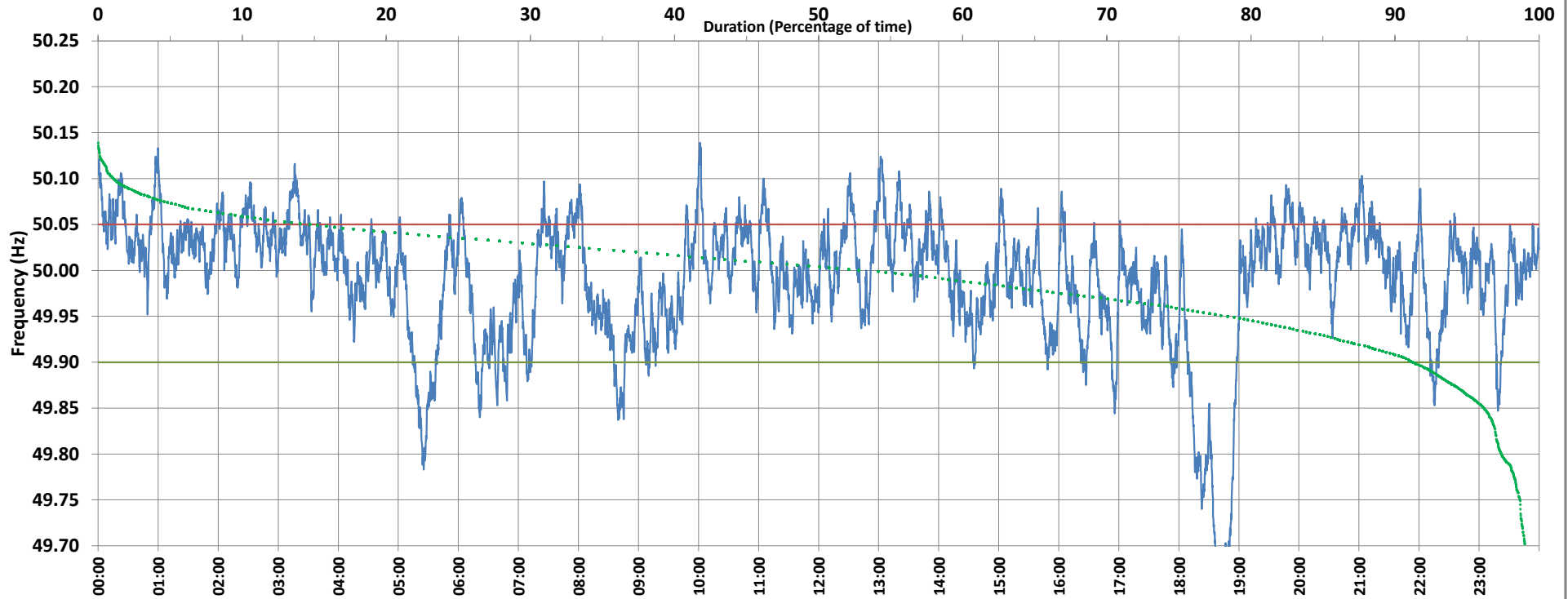


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Sep-2019 (Wednesday)



<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
0.97	8.63	29.94	1.63	6.03	37.25	53.00	1.12	76.67	99.03	40.63	14.14	52.78	29.43	14.70	0.00	21.17	64.13	12.53

Average Frequency : 49.990	Frequency Variation Index : 0.0506	Standard Deviation : 0.0704	Mileage: 47.2	FDI: 23.3
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Instantaneous Frequency		
Max	50.139	10:01:30
Min	49.623	18:44:10

15 minute Average Frequency		
Max	50.065	0:30:00
Min	49.703	18:45:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	108
above 50.00 Hz	111
below 50.00 Hz	111

Average time freq per excursion remains	
below 49.97	0:04:00
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	5:36:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)