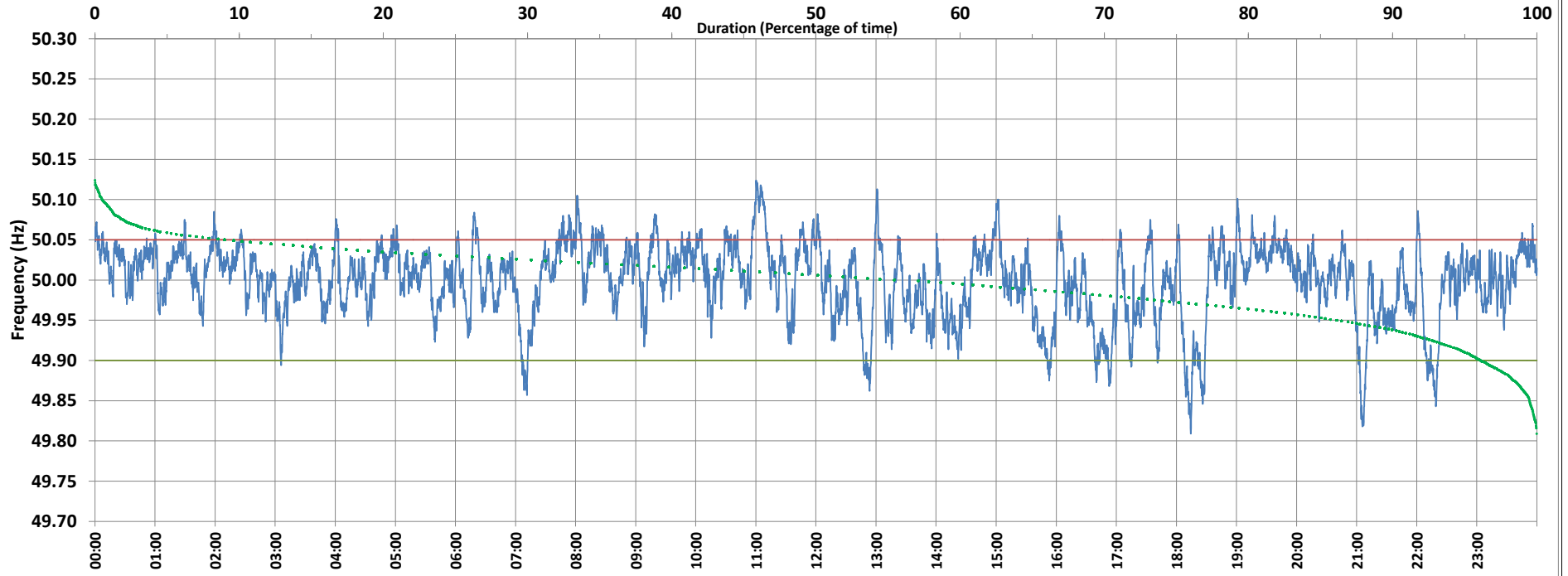


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 23-Sep-2020 (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
0.00	3.83	22.86	0.00	3.83	39.07	56.56	0.53	87.19	100.00	52.04	9.12	55.43	25.10	8.98	0.00	10.00	77.47	6.17

Average Frequency : 49.999	Frequency Variation Index : 0.0209	Standard Deviation : 0.0457	Mileage: 48.5	FDI: 12.8
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Instantaneous Frequency		
Max	50.124	11:00:20
Min	49.809	18:14:20

15 minute Average Frequency		
Max	50.078	11:15:00
Min	49.895	18:30:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	110
above 50.00 Hz	160
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:01:55

No. of hours freq outside 49.9-50.05 Hz	3:04:30
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Source : SARUSUJAI:Frequency 10 Sec. (8640 samples)