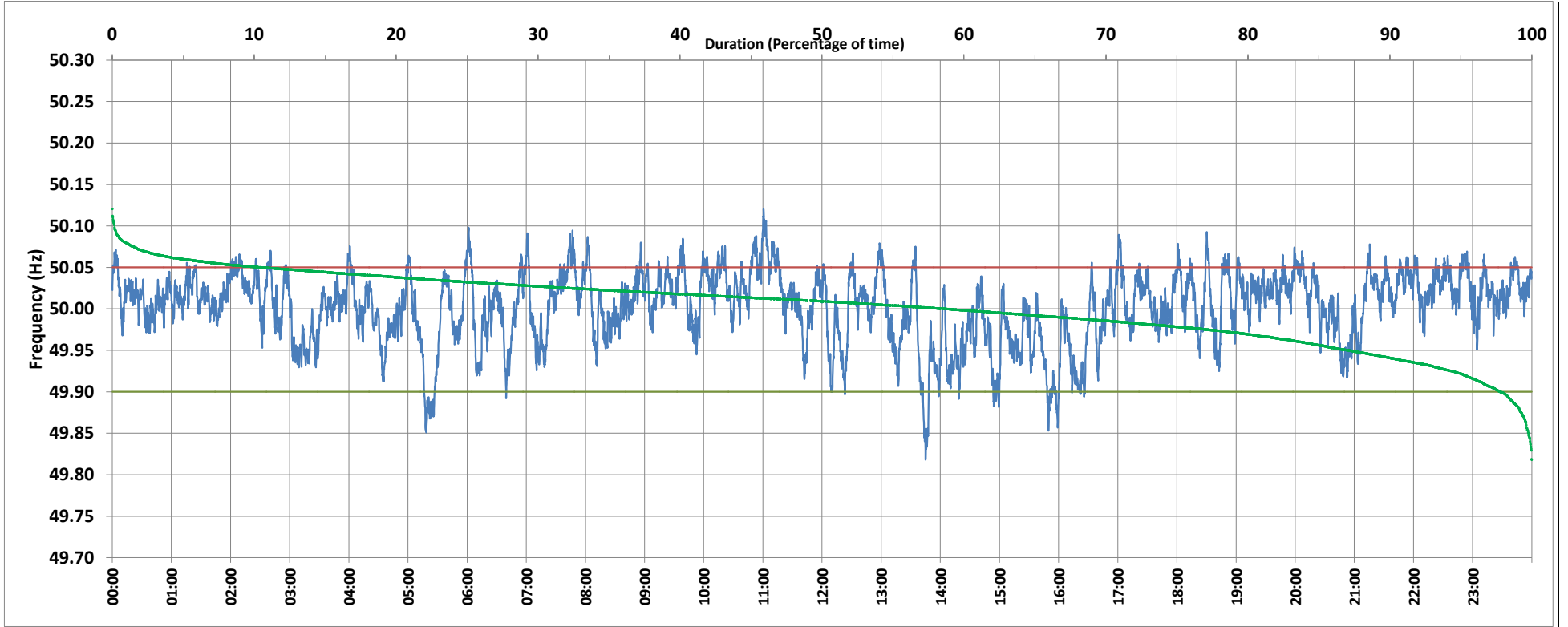


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-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	2.23	20.22	0.00	2.23	39.00	58.61	0.15	87.28	100.00	52.44	10.43	58.66	27.34	10.49	0.00	10.00	76.64	7.77

Average Frequency : 50.002	Frequency Variation Index : 0.0184	Standard Deviation : 0.0428	Mileage: 45.1	FDI: 12.7
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Instantaneous Frequency		
Max	50.121	11:00:40
Min	49.818	13:45:00

15 minute Average Frequency		
Max	50.070	11:15:00
Min	49.891	5:30:00

No. of excursions	
above 50.03 Hz	201
below 49.97 Hz	104
above 50.00 Hz	200
below 50.00 Hz	197

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	3:03:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)