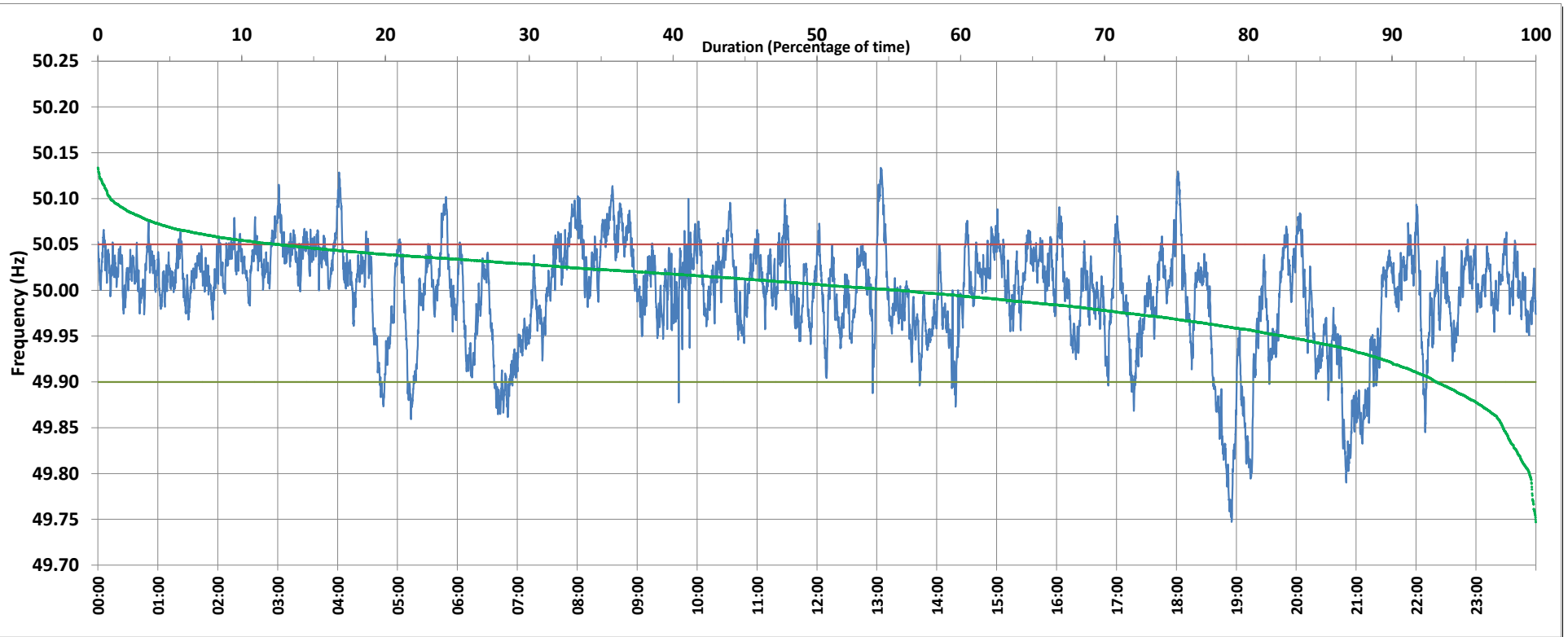


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Sep-2019 (Monday)



<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	6.90	25.65	0.44	6.46	37.27	54.98	0.86	80.58	100.00	46.00	11.70	55.68	28.36	12.52	0.00	17.47	70.01	10.57

Average Frequency : 49.996	Frequency Variation Index : 0.0317	Standard Deviation : 0.0562	Mileage: 50.3	FDI: 19.4
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Instantaneous Frequency		
Max	50.134	13:03:50
Min	49.747	18:55:20

15 minute Average Frequency		
Max	50.076	8:45:00
Min	49.808	19:00:00

No. of excursions	
above 50.03 Hz	222
below 49.97 Hz	120
above 50.00 Hz	195
below 50.00 Hz	196

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:01:50

No. of hours freq outside 49.9-50.05 Hz	4:39:40
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)