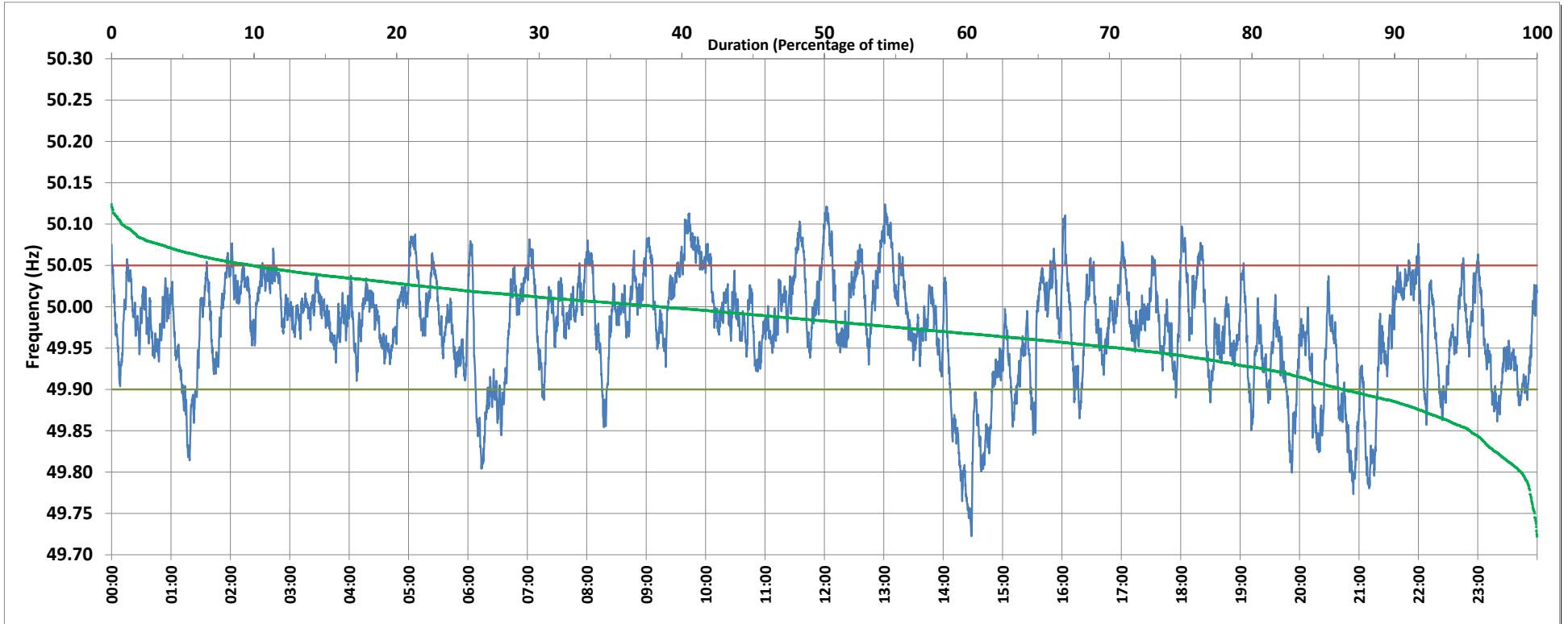


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jul-2018 (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
0.0	13.6	41.6	1.1	12.5	47.8	37.8	0.8	76.5	100.0	39.2	9.1	38.5	19.3	9.9	0.0	29.2	60.9	15.6

Average Frequency : 49.975	Frequency Variation Index : 0.048	Standard Deviation : 0.065	Mileage: 46.0	FDI: 23.5
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Instantaneous Frequency		
Max	50.124	13:01:10
Min	49.722	14:28:30

15 minute Average Frequency		
Max	50.069	9:45:00
Min	49.780	14:30:00

No. of excursions	
above 50.03 Hz	119
below 49.97 Hz	153
above 50.00 Hz	163
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:03:55
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:38:00
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)