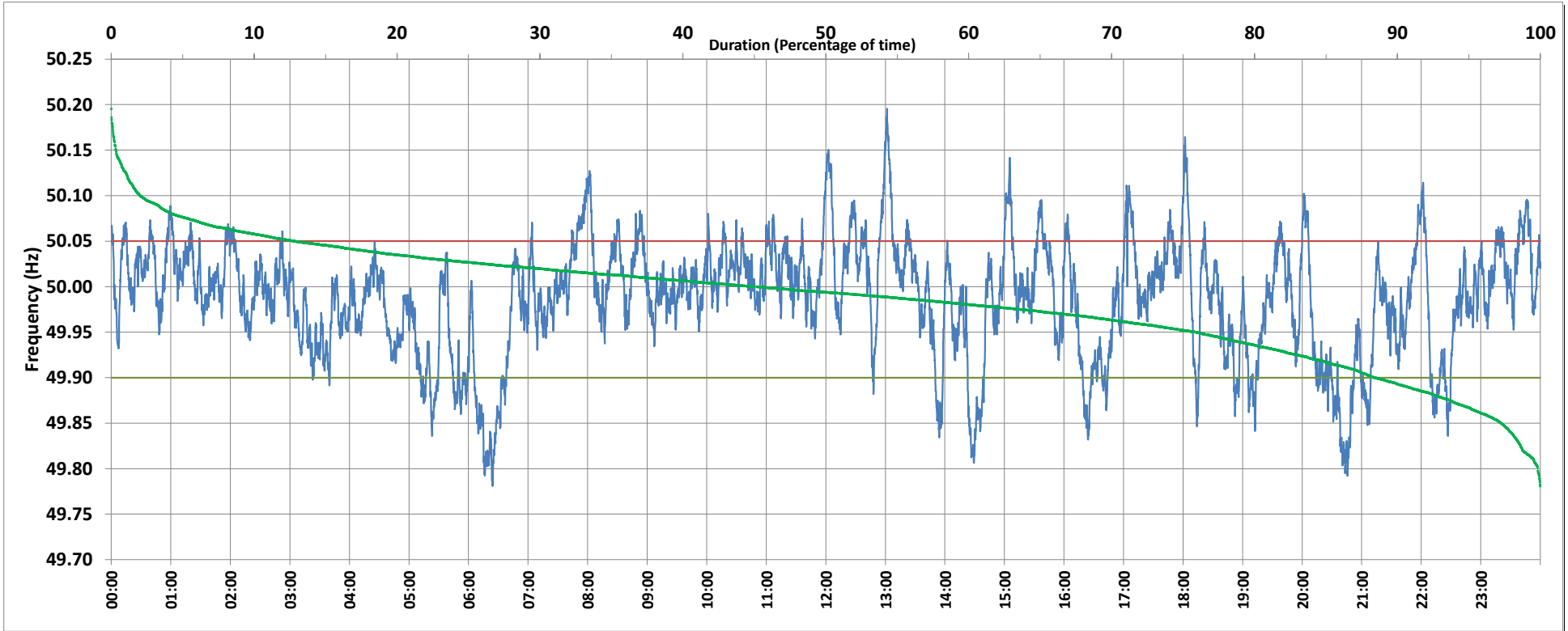


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jul-2019 (Tuesday)



<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	11.57	33.39	0.17	11.40	43.24	43.18	2.00	75.61	100.00	43.80	10.84	44.98	22.81	12.81	0.00	24.06	63.13	12.49

Average Frequency : 49.986	Frequency Variation Index : 0.0417	Standard Deviation : 0.0630	Mileage: 47.5	FDI: 24.4
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Instantaneous Frequency		
Max	50.195	13:01:40
Min	49.781	6:24:10

15 minute Average Frequency		
Max	50.084	13:15:00
Min	49.821	6:30:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	142
above 50.00 Hz	180
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:03:23
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	5:51:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)