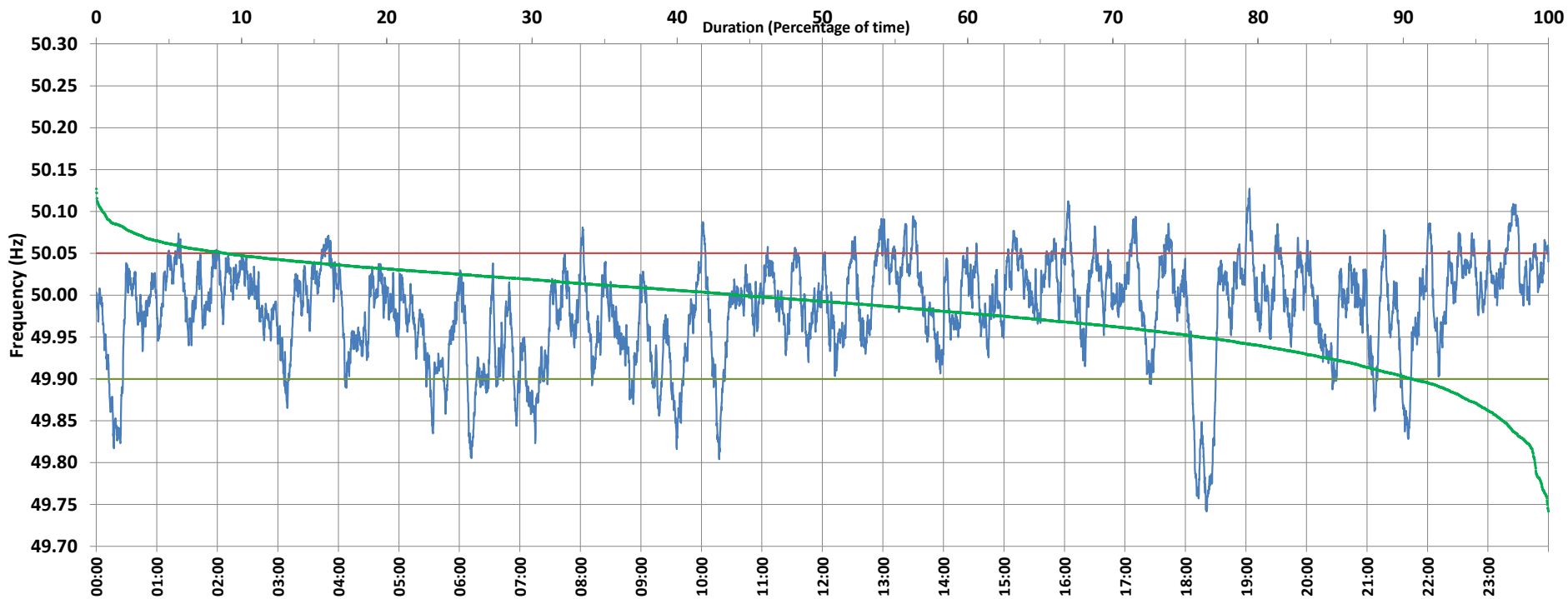


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jul-2020 (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	9.39	34.47	0.93	8.46	46.28	43.90	0.43	81.78	100.00	44.57	8.44	44.19	20.96	8.83	0.00	23.98	67.19	14.59

Average Frequency : 49.983	Frequency Variation Index : 0.0373	Standard Deviation : 0.0588	Mileage: 43.8	FDI: 18.2
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Instantaneous Frequency		
Max	50.127	19:03:20
Min	49.742	18:21:00

15 minute Average Frequency		
Max	50.076	23:30:00
Min	49.798	18:30:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	127
above 50.00 Hz	166
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:03:54
above 50.03	0:02:00

No. of hours freq outside 49.9-50.05 Hz	4:22:20
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)