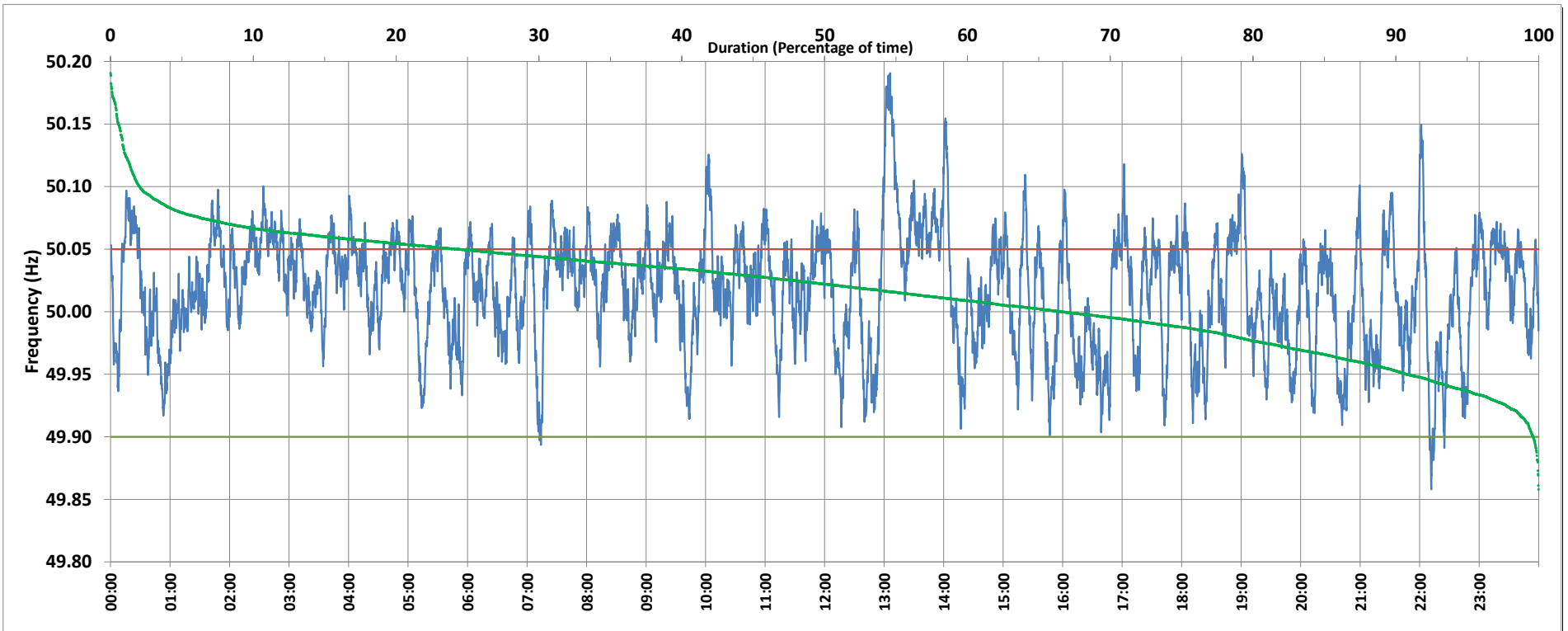


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jun-2019 (Friday)



<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	0.38	17.01	0.00	0.38	32.95	64.64	2.03	75.31	100.00	39.25	22.37	66.61	43.74	24.31	0.00	9.24	66.46	8.85

Average Frequency : 50.017	Frequency Variation Index : 0.0234	Standard Deviation : 0.0453	Mileage: 45.0	FDI: 24.7
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Instantaneous Frequency		
Max	50.191	13:06:00
Min	49.858	22:11:40

15 minute Average Frequency		
Max	50.140	13:15:00
Min	49.952	22:30:00

No. of excursions	
above 50.03 Hz	187
below 49.97 Hz	99
above 50.00 Hz	176
below 50.00 Hz	176

Average time freq per excursion remains	
below 49.97	0:02:28
above 50.03	0:03:22

No. of hours freq outside 49.9-50.05 Hz	5:55:30
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)