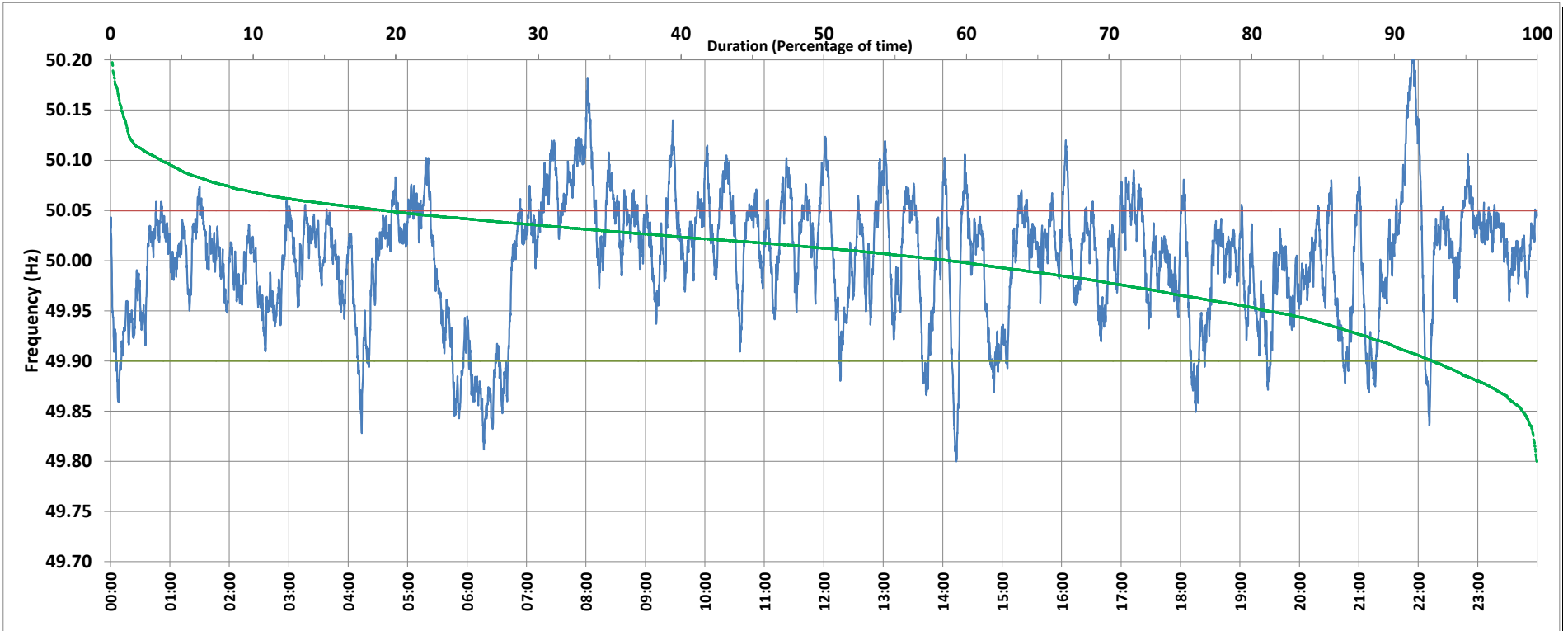


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Jul-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	7.31	26.60	0.00	7.31	33.84	55.29	3.43	73.53	99.87	38.98	15.68	58.78	34.42	19.16	0.13	18.89	61.96	11.57

Average Frequency : 50.002	Frequency Variation Index : 0.0369	Standard Deviation : 0.0608	Mileage: 43.0	FDI: 26.5
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Instantaneous Frequency		
Max	50.211	21:54:30
Min	49.800	14:13:40

15 minute Average Frequency		
Max	50.155	22:00:00
Min	49.858	6:30:00

No. of excursions	
above 50.03 Hz	161
below 49.97 Hz	91
above 50.00 Hz	142
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:03:05

No. of hours freq outside 49.9-50.05 Hz	6:21:10
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Source : MPPTCL BINA:Frequency 10 Sec. (8640 samples)