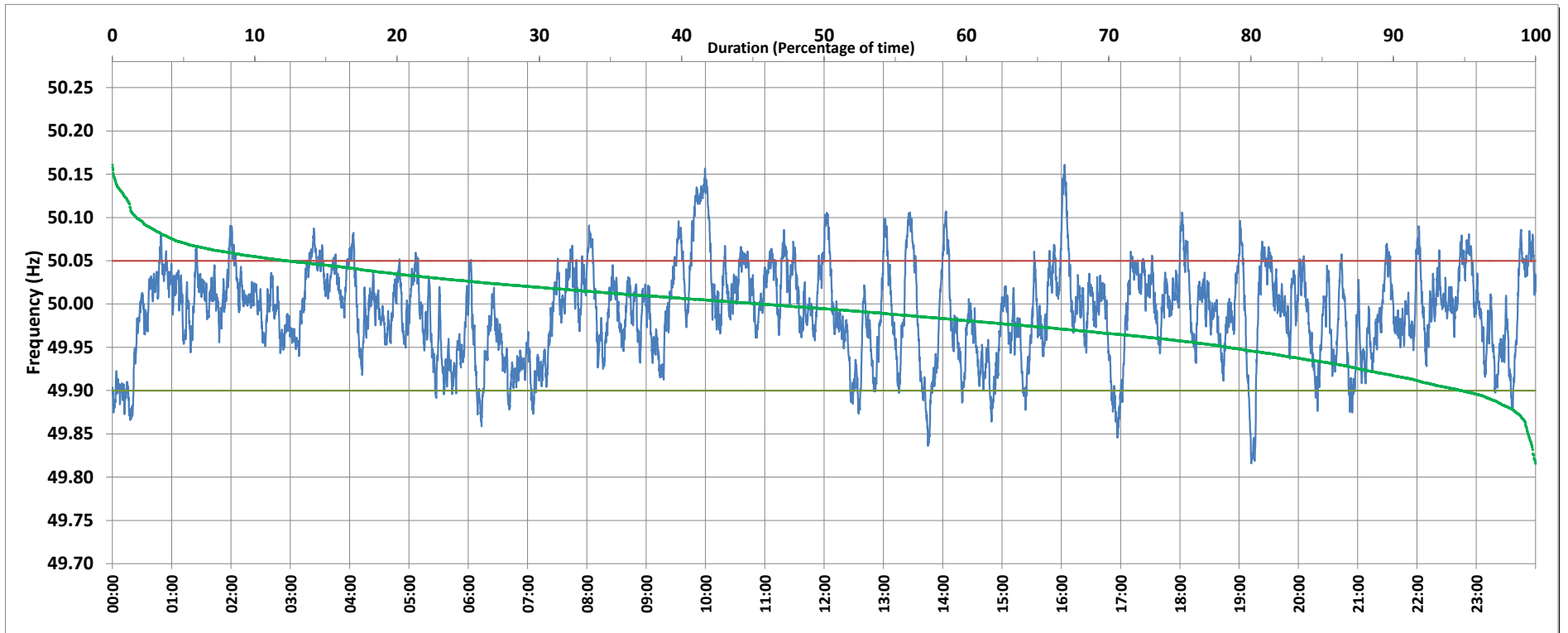


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-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	5.19	32.35	0.00	5.19	49.16	43.97	1.69	82.55	100.00	44.91	10.66	45.54	22.74	12.27	0.00	21.56	66.17	16.38

Average Frequency : 49.991	Frequency Variation Index : 0.0287	Standard Deviation : 0.0529	Mileage: 44.8	FDI: 17.5
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Instantaneous Frequency		
Max	50.161	16:03:20
Min	49.816	19:12:10

15 minute Average Frequency		
Max	50.116	10:00:00
Min	49.897	0:15:00

No. of excursions	
above 50.03 Hz	135
below 49.97 Hz	152
above 50.00 Hz	181
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:02:26

No. of hours freq outside 49.9-50.05 Hz	4:11:20
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Source : SLPR7:Frequency 10 Sec. (8640 samples)