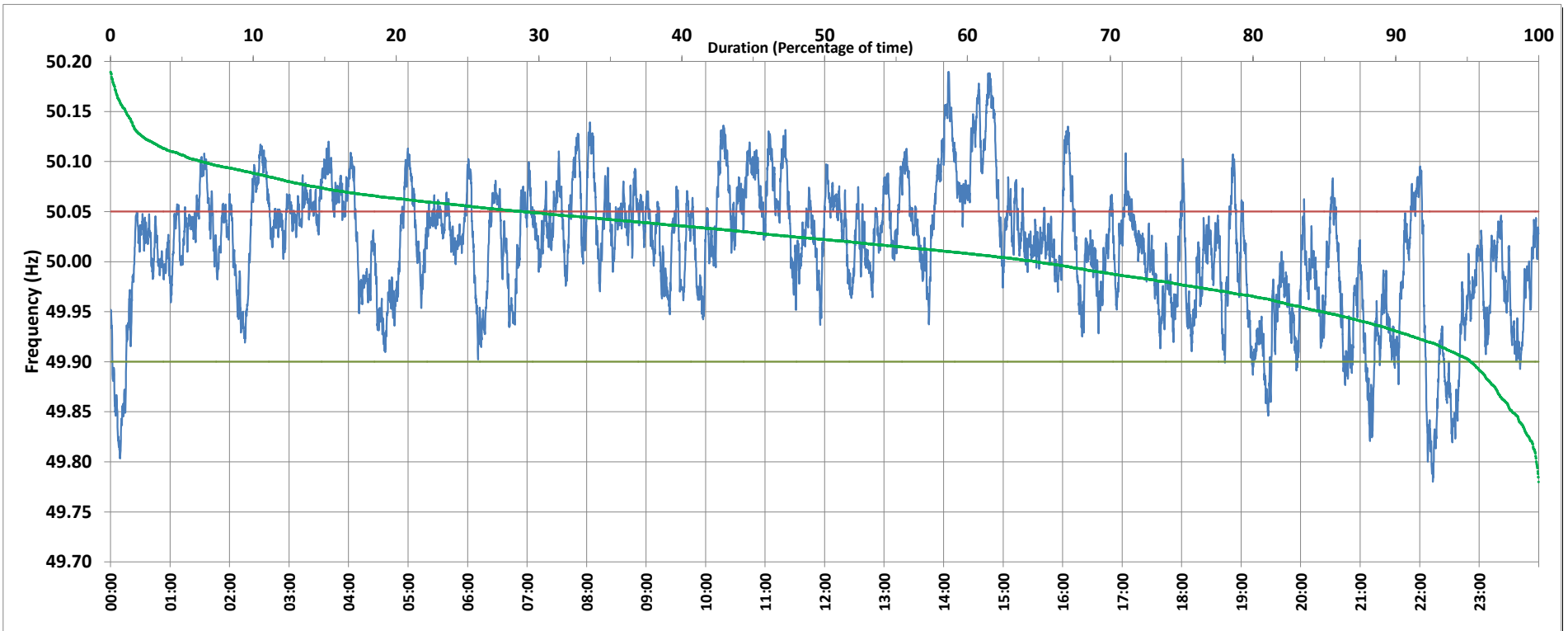


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jun-2019 (Sunday)



<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	4.75	21.79	0.15	4.59	30.38	58.47	6.40	66.32	100.00	33.85	22.65	64.84	44.35	28.94	0.00	15.08	55.98	10.34

Average Frequency : 50.014	Frequency Variation Index : 0.0418	Standard Deviation : 0.0631	Mileage: 47.9	FDI: 33.7
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Instantaneous Frequency		
Max	50.190	14:05:10
Min	49.780	22:13:20

15 minute Average Frequency		
Max	50.136	14:45:00
Min	49.859	0:15:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	102
above 50.00 Hz	125
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:03:48

No. of hours freq outside 49.9-50.05 Hz	8:05:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)