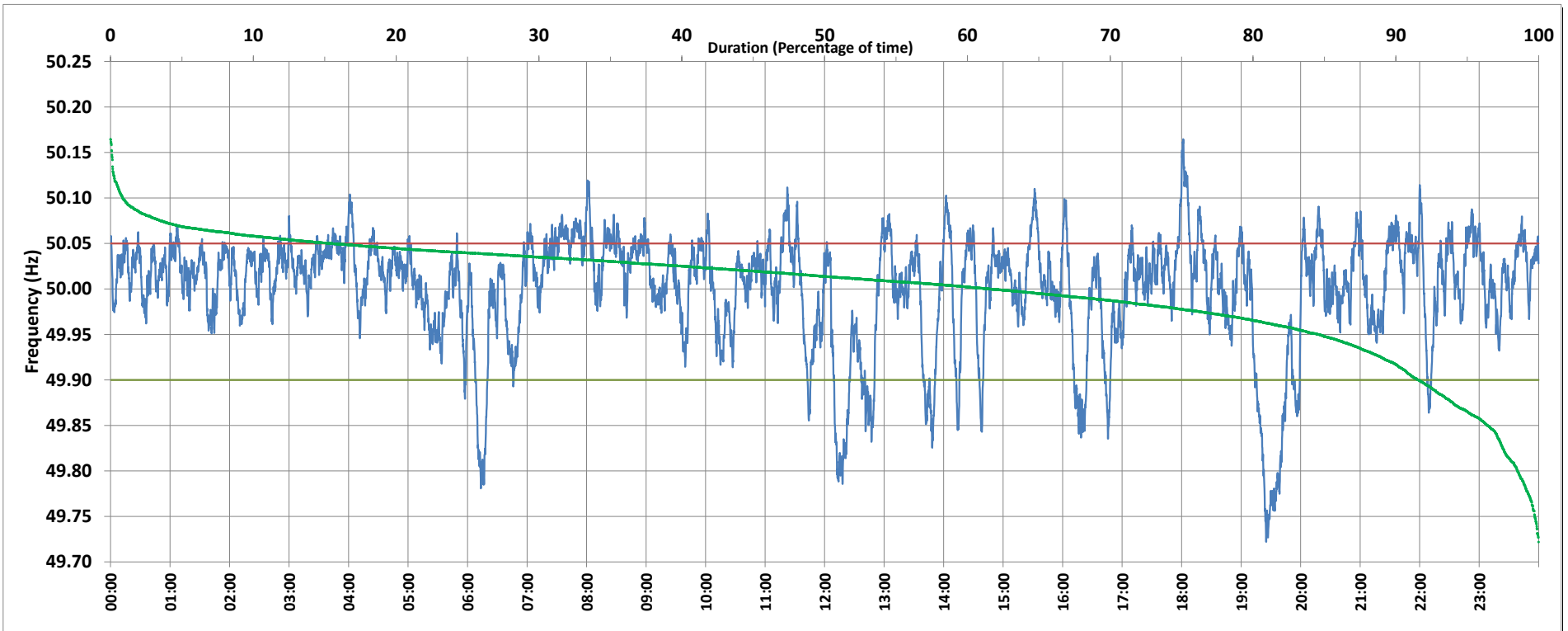


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Jun-2019 (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	8.40	21.59	1.48	6.92	29.93	60.81	0.86	76.12	100.00	43.07	14.68	61.57	35.35	15.47	0.00	15.37	69.16	6.97

Average Frequency : 50.000	Frequency Variation Index : 0.0383	Standard Deviation : 0.0619	Mileage: 44.2	FDI: 23.9
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Instantaneous Frequency		
Max	50.165	18:01:40
Min	49.722	19:25:30

15 minute Average Frequency		
Max	50.073	18:15:00
Min	49.803	19:45:00

No. of excursions	
above 50.03 Hz	207
below 49.97 Hz	86
above 50.00 Hz	164
below 50.00 Hz	162

Average time freq per excursion remains	
below 49.97	0:03:37
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:43:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)