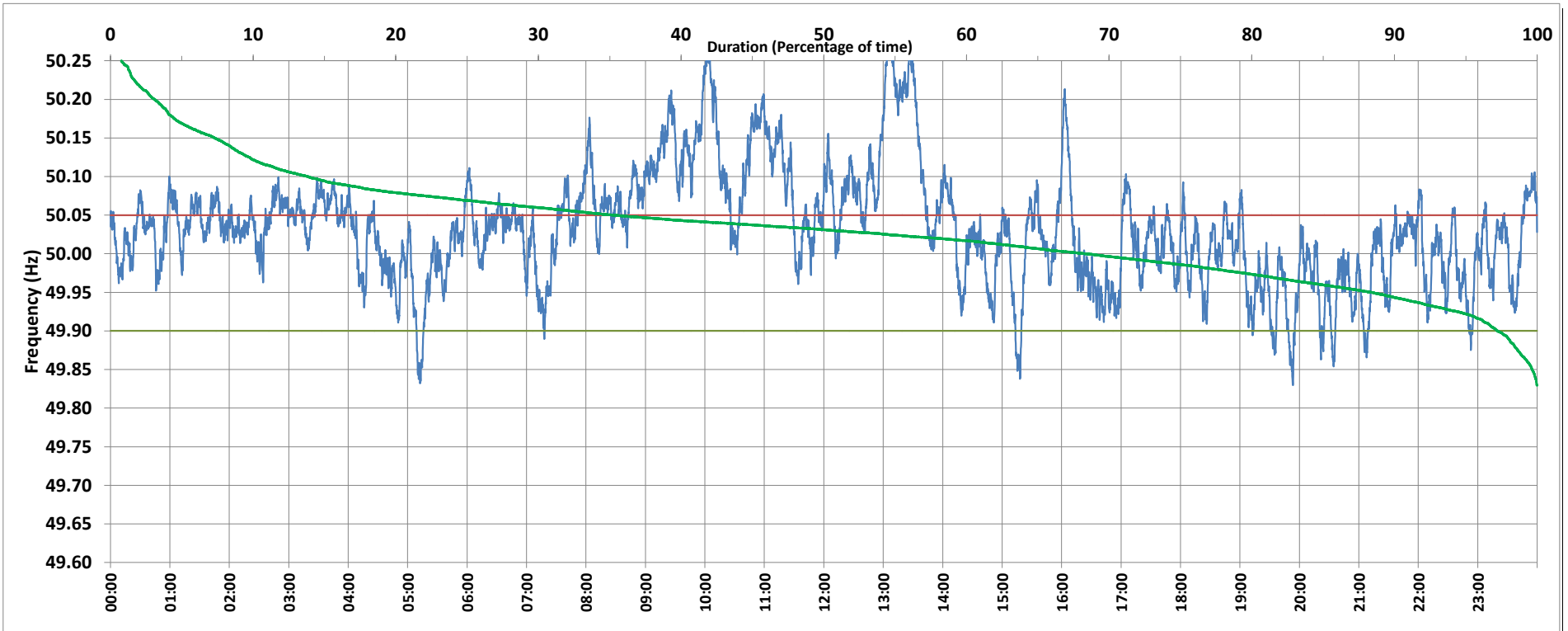


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 07-Jul-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	2.75	18.65	0.00	2.75	28.80	54.59	10.76	61.89	96.91	30.56	21.61	68.40	50.80	35.36	3.09	11.54	53.10	8.78

Average Frequency : 50.032	Frequency Variation Index : 0.0634	Standard Deviation : 0.0731	Mileage: 45.5	FDI: 38.1
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Instantaneous Frequency	
Max	50.315 13:06:00
Min	49.830 19:53:30

15 minute Average Frequency	
Max	50.244 13:15:00
Min	49.907 20:00:00

No. of excursions	
above 50.03 Hz	147
below 49.97 Hz	87
above 50.00 Hz	120
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:04:59

No. of hours freq outside 49.9-50.05 Hz	9:08:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)