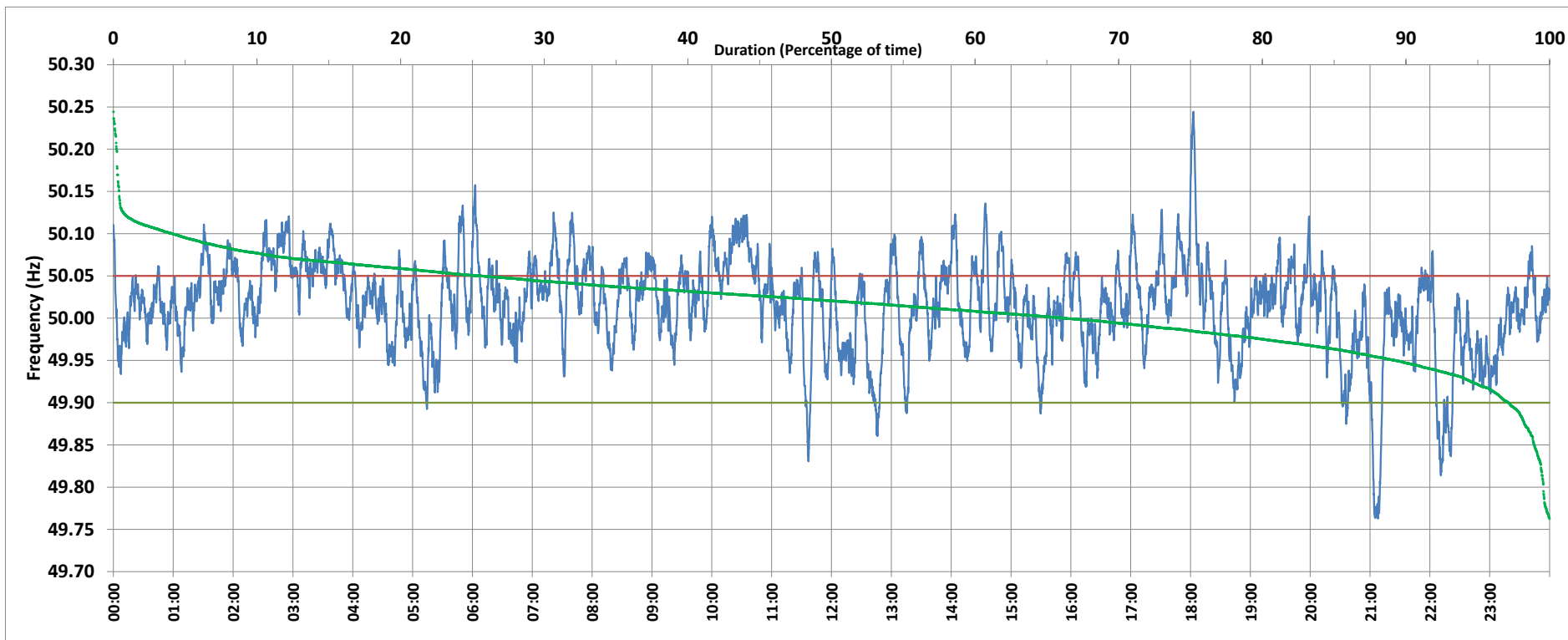


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Mar-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	2.86	17.62	0.43	2.43	30.91	62.09	3.90	71.48	99.77	40.72	21.60	66.11	41.67	25.66	0.23	10.69	63.65	7.84

Average Frequency : 50.015	Frequency Variation Index : 0.0323	Standard Deviation : 0.0547	Mileage: 45.8	FDI: 28.5
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Instantaneous Frequency		
Max	50.244	18:02:50
Min	49.763	21:07:50

15 minute Average Frequency		
Max	50.102	18:15:00
Min	49.847	21:15:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	91
above 50.00 Hz	152
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:02:51

No. of hours freq outside 49.9-50.05 Hz	6:50:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)