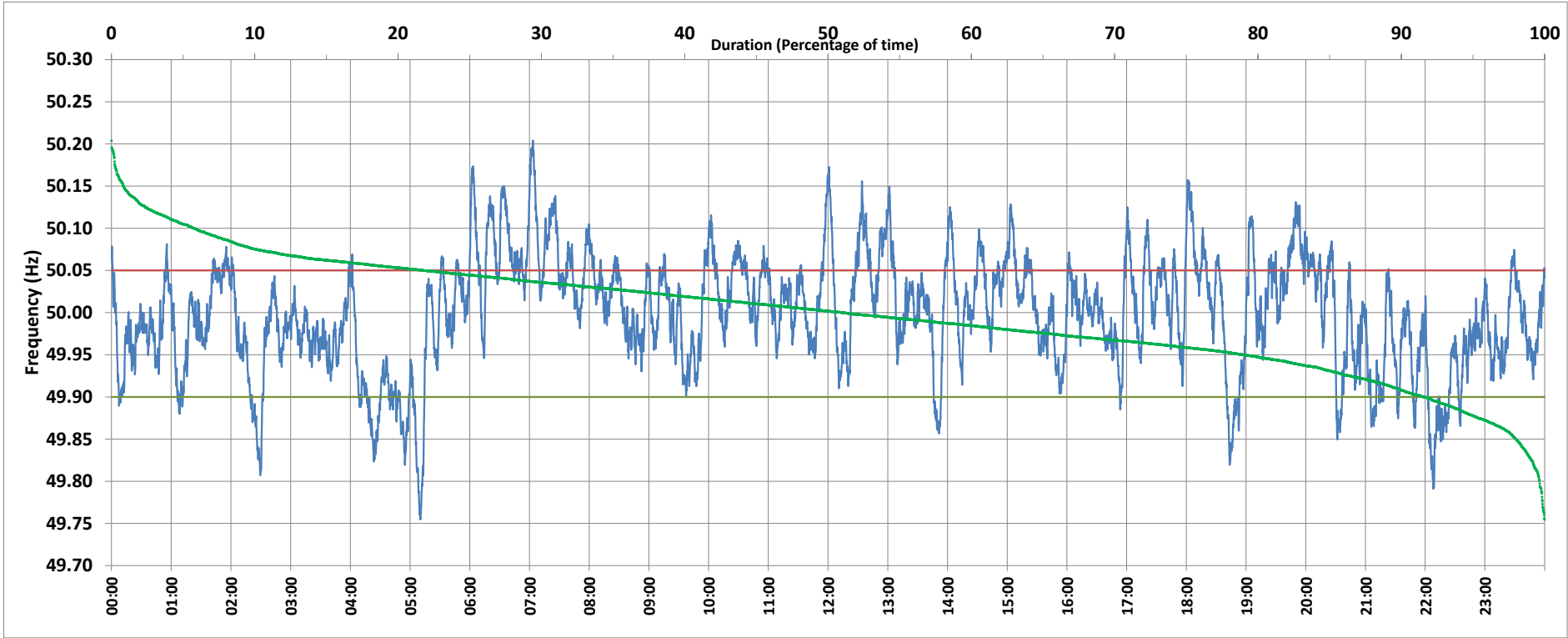


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-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	8.36	31.63	0.35	8.01	40.56	45.30	5.78	69.86	99.99	34.78	16.04	51.04	33.59	21.78	0.01	20.97	57.25	12.62

Average Frequency : 49.998	Frequency Variation Index : 0.0447	Standard Deviation : 0.0668	Mileage: 47.5	FDI: 30.1
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Instantaneous Frequency	
Max	50.204 7:03:20
Min	49.755 5:10:20

15 minute Average Frequency	
Max	50.107 7:15:00
Min	49.847 5:15:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	157
above 50.00 Hz	145
below 50.00 Hz	144

Average time freq per excursion remains	
below 49.97	0:02:54
above 50.03	0:03:27

No. of hours freq outside 49.9-50.05 Hz	7:14:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)