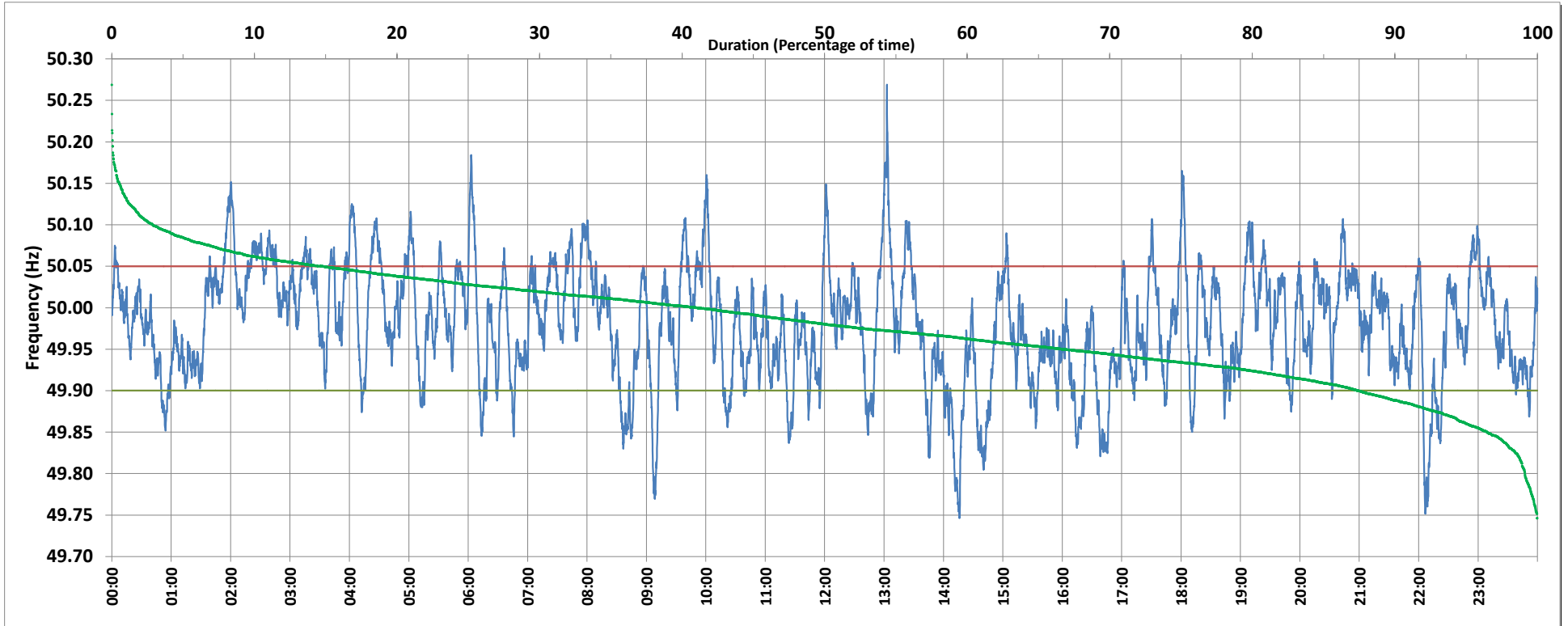


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Mar-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	12.57	44.09	0.88	11.69	46.35	38.21	2.81	72.65	99.94	31.88	11.94	41.05	24.04	14.78	0.06	33.22	52.00	20.65

Average Frequency : 49.979	Frequency Variation Index : 0.0515	Standard Deviation : 0.0687	Mileage: 47.8	FDI: 27.3
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Instantaneous Frequency		
Max	50.269	13:02:50
Min	49.746	14:16:00

15 minute Average Frequency		
Max	50.065	13:15:00
Min	49.853	14:15:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	141
above 50.00 Hz	126
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:04:30
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	6:33:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)