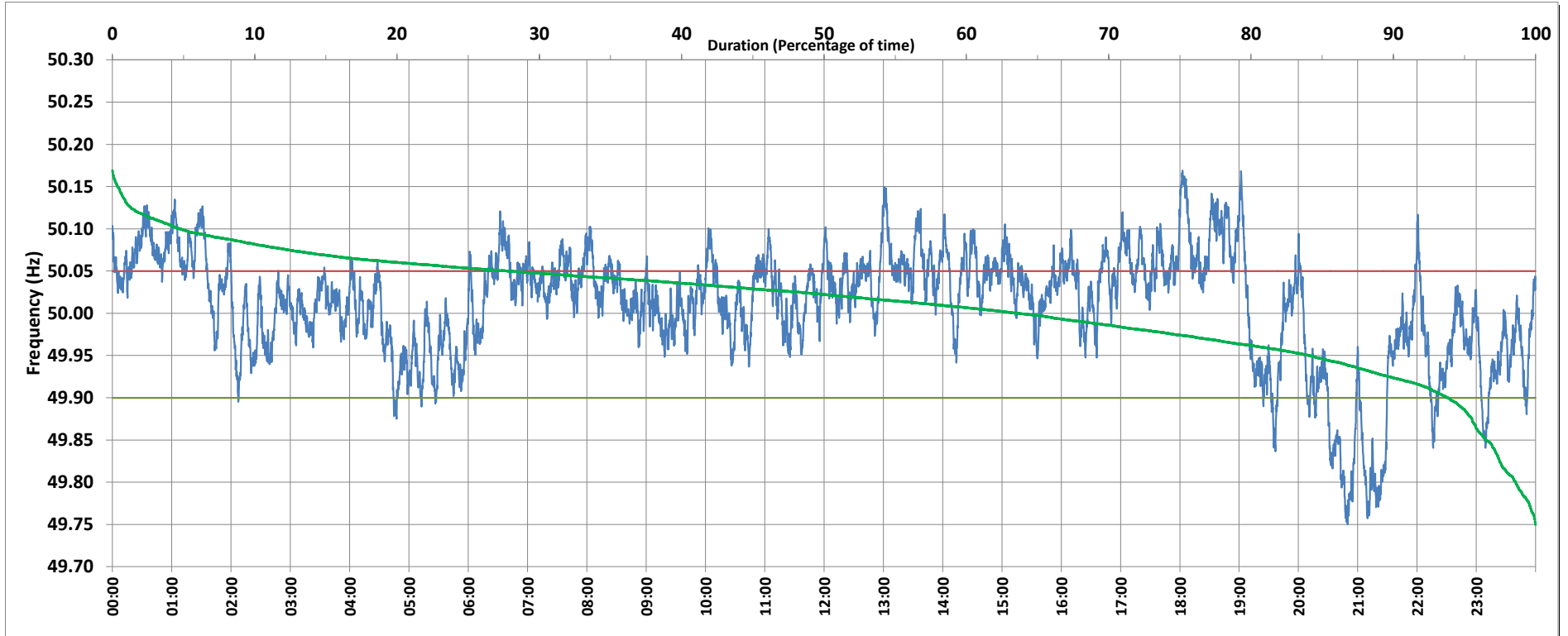


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-May-2019 (Friday)



<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	6.15	23.26	1.39	4.76	30.17	58.89	4.79	65.96	100.00	32.35	23.17	63.62	44.39	27.89	0.00	15.84	56.26	9.70

Average Frequency : 50.010	Frequency Variation Index : 0.0459	Standard Deviation : 0.0671	Mileage: 45.8	FDI: 34.0
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Instantaneous Frequency		
Max	50.169	18:02:40
Min	49.750	20:49:40

15 minute Average Frequency		
Max	50.114	18:15:00
Min	49.807	21:30:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	91
above 50.00 Hz	111
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:03:47

No. of hours freq outside 49.9-50.05 Hz	8:10:10
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Source : HISSAR:Frequency 10 Sec. (8640 samples)