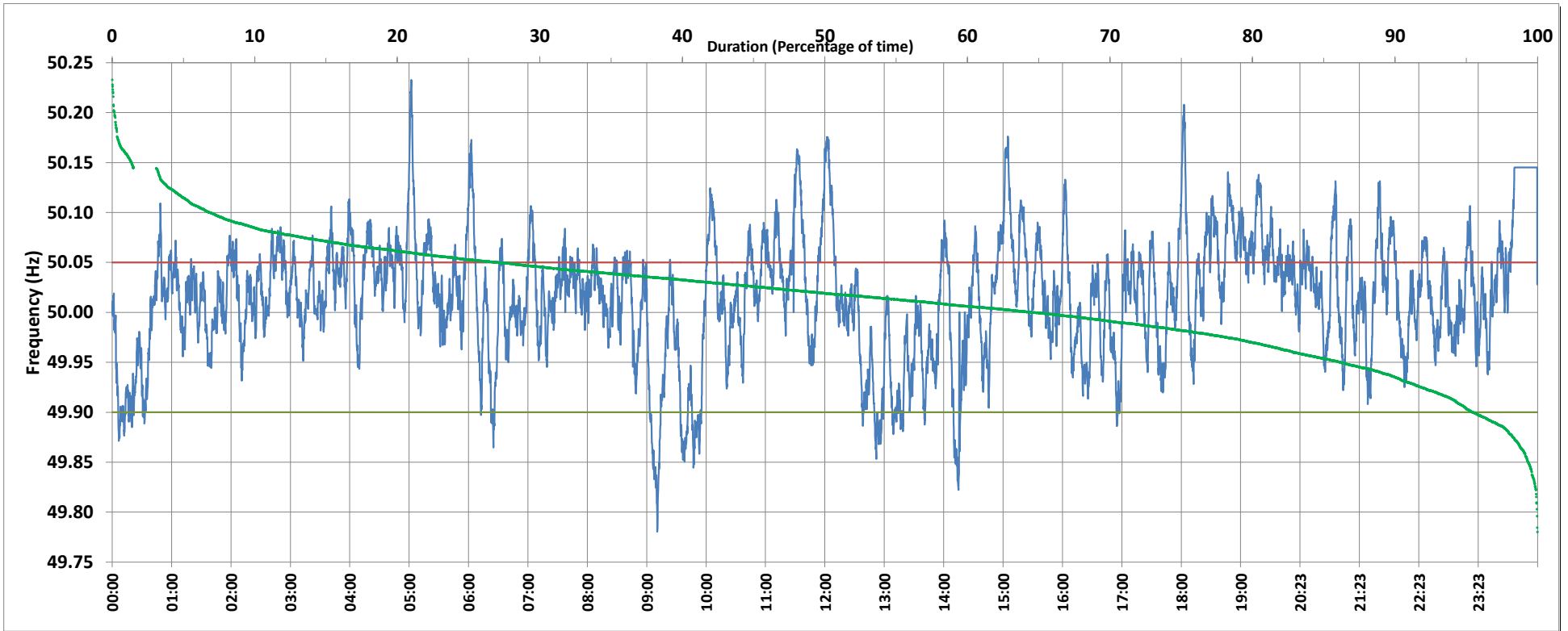


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Nov-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	4.53	20.02	0.03	4.49	30.81	57.79	6.71	68.43	99.84	38.03	20.30	64.49	41.94	27.05	0.16	13.77	59.18	9.25

Average Frequency : 50.016	Frequency Variation Index : 0.0394	Standard Deviation : 0.0608	Mileage: 51.0	FDI: 31.6
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Instantaneous Frequency		
Max	50.233	5:02:10
Min	49.780	9:10:40

15 minute Average Frequency		
Max	50.142	0:00:00
Min	49.876	9:15:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	91
above 50.00 Hz	171
below 50.00 Hz	171

Average time freq per excursion remains	
below 49.97	0:03:10
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	7:34:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)