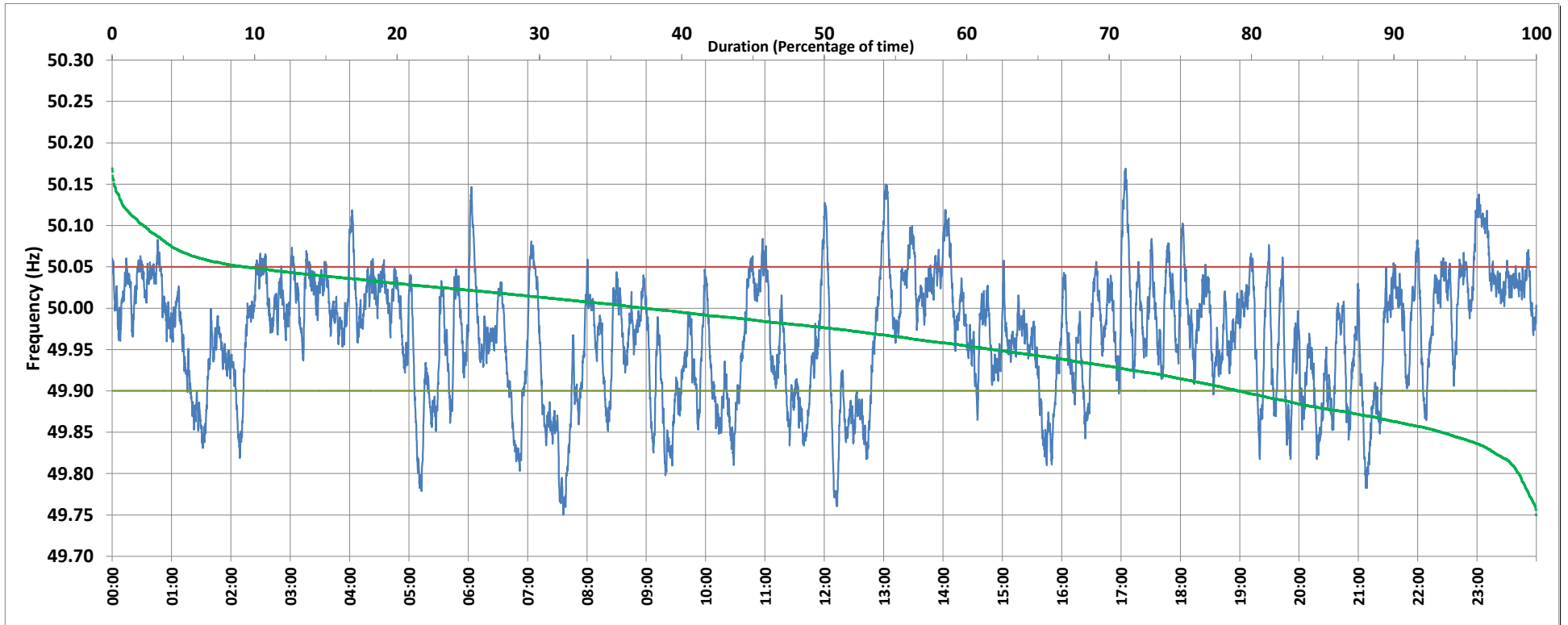


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Jan-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	20.87	46.90	1.23	19.64	41.68	35.24	2.21	69.80	100.00	33.14	7.14	37.42	19.97	9.33	0.00	38.10	52.57	17.23

Average Frequency : 49.966	Frequency Variation Index : 0.0641	Standard Deviation : 0.0727	Mileage: 49.3	FDI: 30.2
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Instantaneous Frequency	
Max	50.169 17:04:40
Min	49.750 7:36:00

15 minute Average Frequency	
Max	50.094 23:15:00
Min	49.807 7:45:00

No. of excursions	
above 50.03 Hz	154
below 49.97 Hz	117
above 50.00 Hz	126
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:46
above 50.03	0:01:52

No. of hours freq outside 49.9-50.05 Hz	7:14:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)