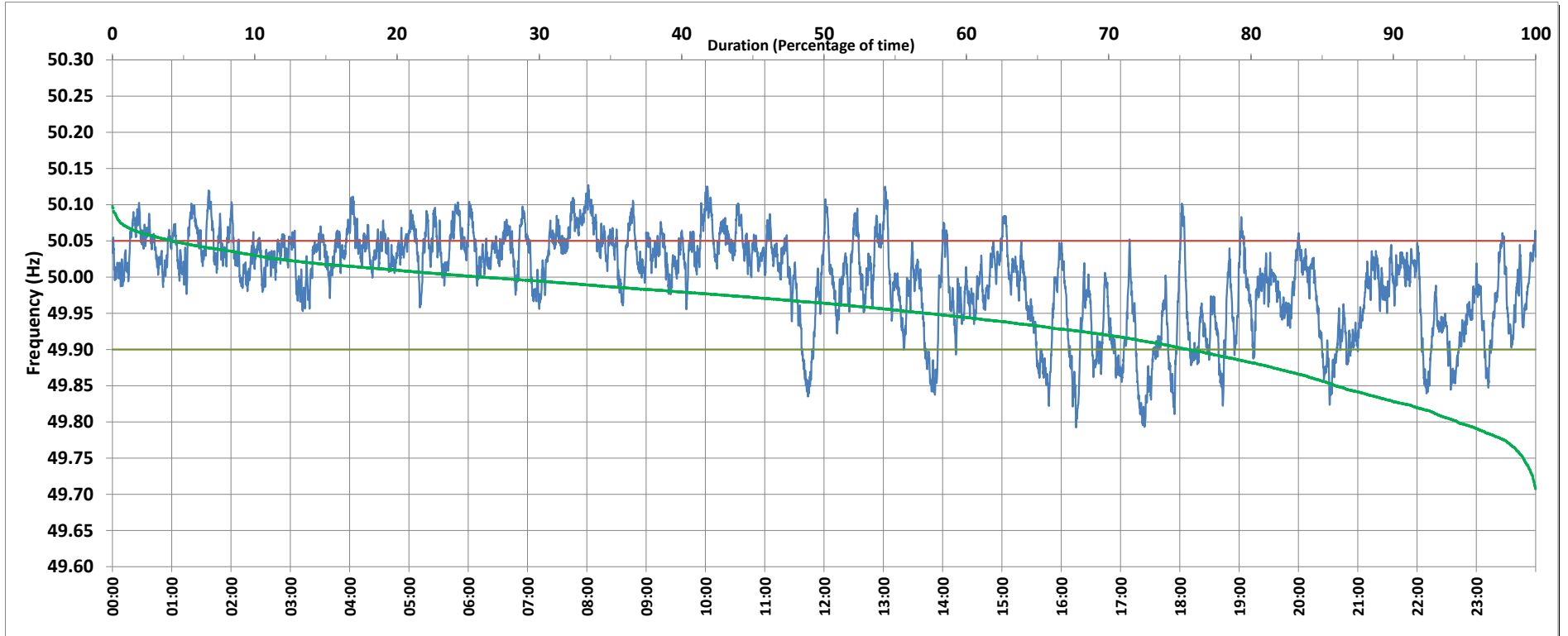


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-May-2019 (Saturday)



<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	10.93	28.41	0.10	10.82	31.75	56.05	1.27	68.44	100.00	35.42	19.49	57.20	36.17	20.64	0.00	22.25	57.12	11.32

Average Frequency : 49.997	Frequency Variation Index : 0.0418	Standard Deviation : 0.0646	Mileage: 46.5	FDI: 31.6
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Instantaneous Frequency		
Max	50.127	8:01:30
Min	49.792	16:15:00

15 minute Average Frequency		
Max	50.084	8:00:00
Min	49.836	17:30:00

No. of excursions	
above 50.03 Hz	172
below 49.97 Hz	91
above 50.00 Hz	137
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:04:30
above 50.03	0:03:02

No. of hours freq outside 49.9-50.05 Hz	7:34:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)