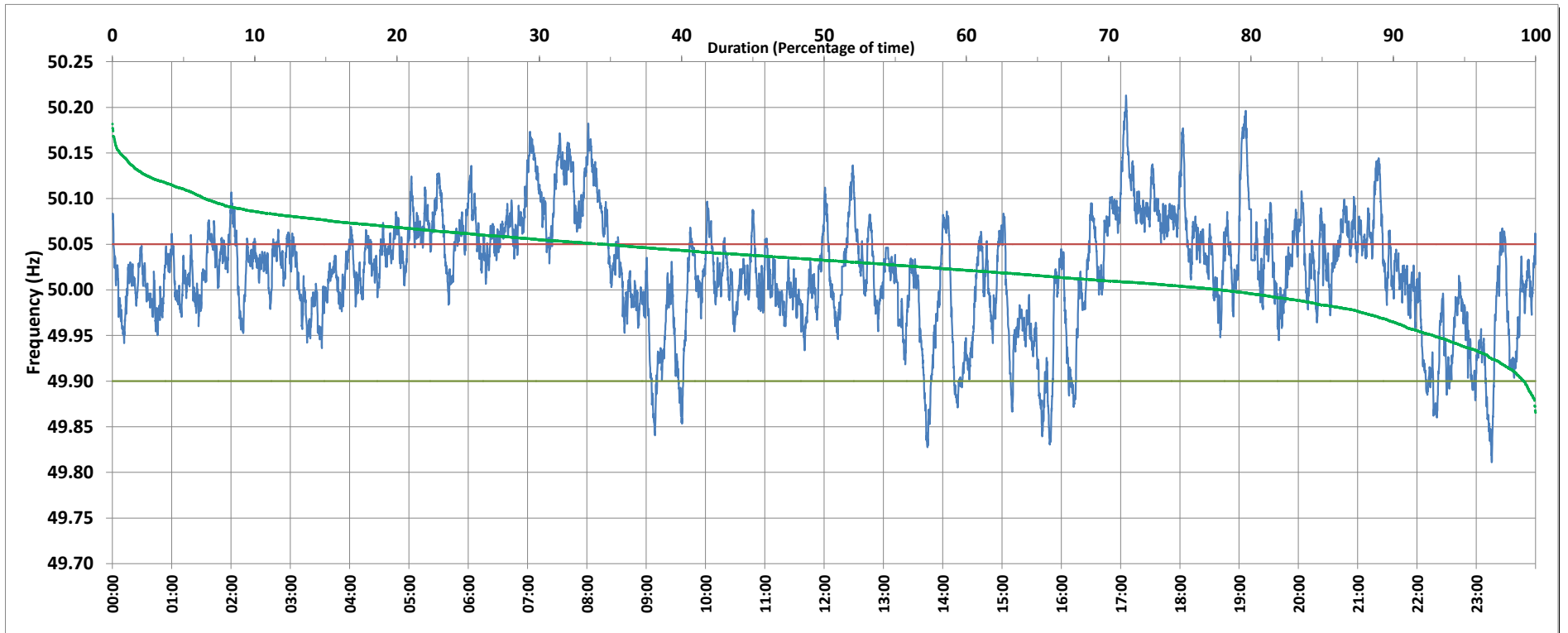


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-May-2019 (Thursday)



<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	4.56	17.63	0.00	4.56	29.19	58.39	7.80	64.11	99.94	37.33	23.55	66.17	45.05	31.33	0.06	12.13	56.54	7.57

Average Frequency : 50.020	Frequency Variation Index : 0.0426	Standard Deviation : 0.0620	Mileage: 43.7	FDI: 35.9
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Instantaneous Frequency	
Max	50.213 17:05:30
Min	49.811 23:15:30

15 minute Average Frequency	
Max	50.144 17:15:00
Min	49.905 23:15:00

No. of excursions	
above 50.03 Hz	158
below 49.97 Hz	69
above 50.00 Hz	147
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:03:41
above 50.03	0:04:06

No. of hours freq outside 49.9-50.05 Hz	8:36:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)