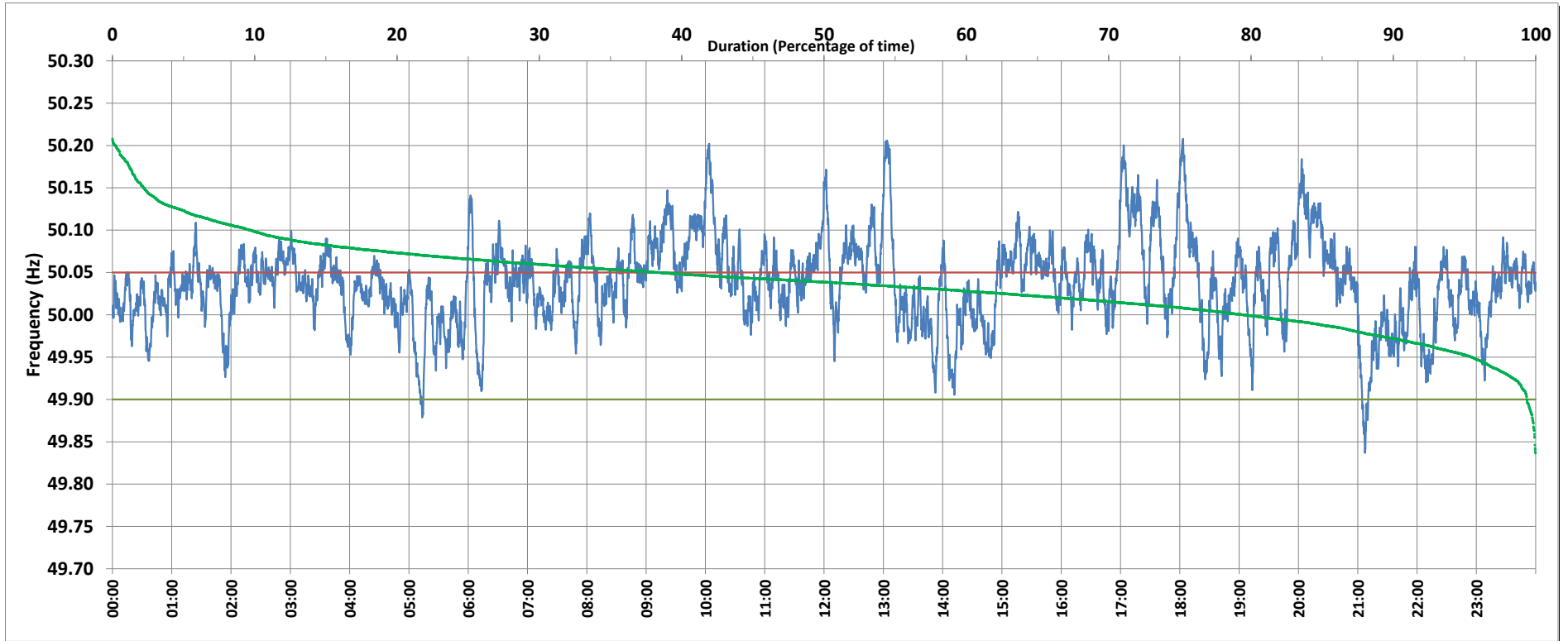


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Apr-2019 (Tuesday)



<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	0.60	9.41	0.00	0.60	19.83	69.87	9.48	60.95	99.78	32.23	28.83	79.50	58.36	38.45	0.22	4.48	57.07	3.88

Average Frequency : 50.037	Frequency Variation Index : 0.0397	Standard Deviation : 0.0507	Mileage: 46.1	FDI: 39.1
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Instantaneous Frequency		
Max	50.208	18:03:40
Min	49.837	21:07:50

15 minute Average Frequency		
Max	50.143	17:15:00
Min	49.913	21:15:00

No. of excursions	
above 50.03 Hz	199
below 49.97 Hz	70
above 50.00 Hz	122
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:01:56
above 50.03	0:04:13

No. of hours freq outside 49.9-50.05 Hz	9:22:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)