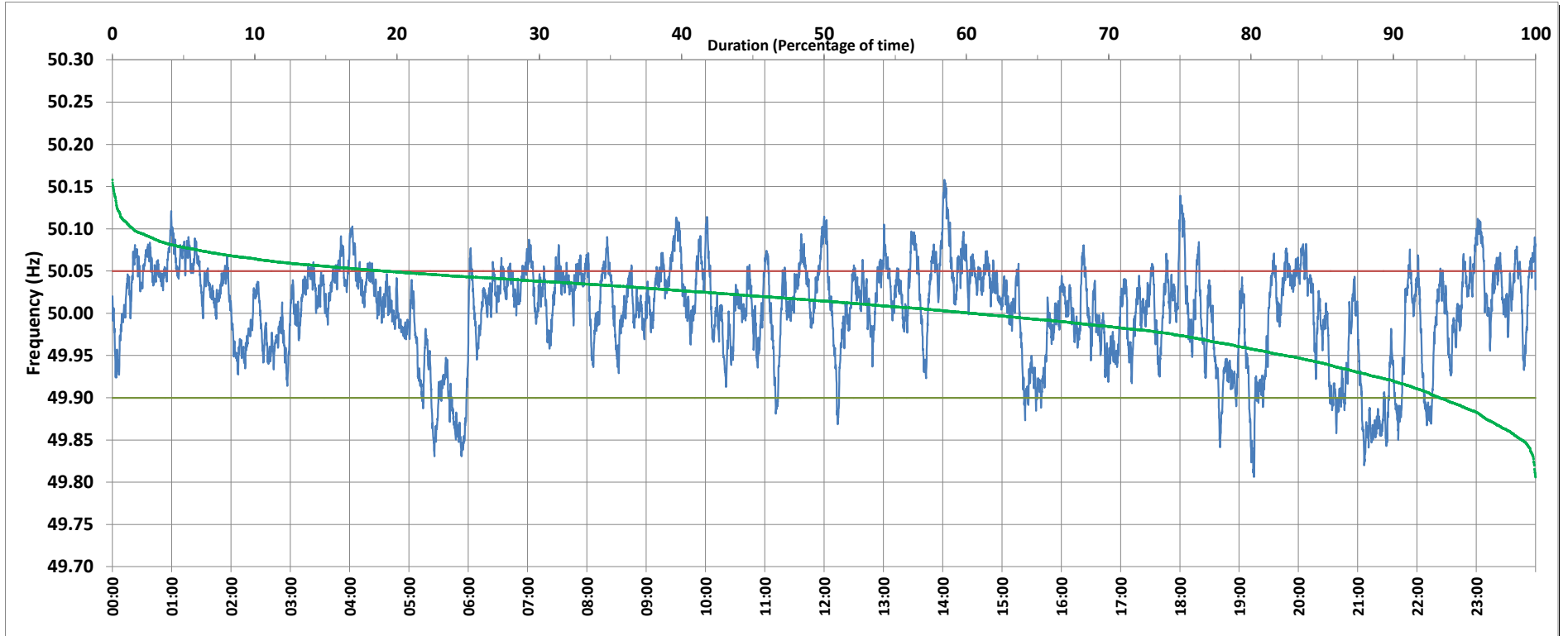


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-May-2019 (Sunday)



<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	6.75	23.67	0.00	6.75	32.71	59.07	1.47	74.11	100.00	38.95	17.77	60.44	37.38	19.14	0.00	17.52	63.33	10.78

Average Frequency : 50.003	Frequency Variation Index : 0.0324	Standard Deviation : 0.0568	Mileage: 45.4	FDI: 25.9
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Instantaneous Frequency		
Max	50.158	14:01:40
Min	49.806	19:14:50

15 minute Average Frequency		
Max	50.082	14:15:00
Min	49.867	6:00:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	80
above 50.00 Hz	160
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:04:16
above 50.03	0:02:50

No. of hours freq outside 49.9-50.05 Hz	6:12:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)