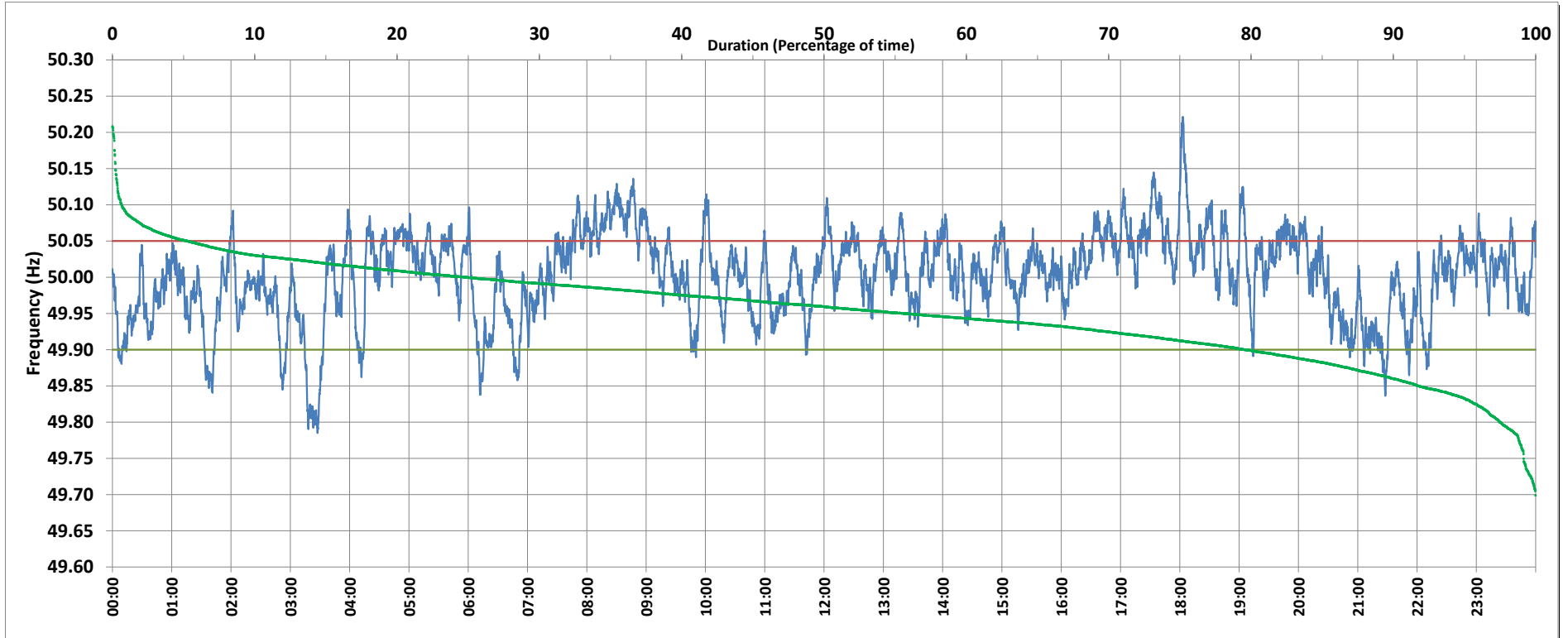


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-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	5.06	25.95	0.19	4.87	39.13	53.08	2.59	74.59	99.86	39.72	17.70	55.71	34.33	20.35	0.14	17.64	62.01	12.58

Average Frequency : 50.002	Frequency Variation Index : 0.0342	Standard Deviation : 0.0584	Mileage: 47.4	FDI: 25.4
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Instantaneous Frequency		
Max	50.221	18:03:00
Min	49.785	3:27:30

15 minute Average Frequency		
Max	50.107	18:15:00
Min	49.818	3:30:00

No. of excursions	
above 50.03 Hz	160
below 49.97 Hz	114
above 50.00 Hz	170
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:17
above 50.03	0:03:05

No. of hours freq outside 49.9-50.05 Hz	6:05:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)