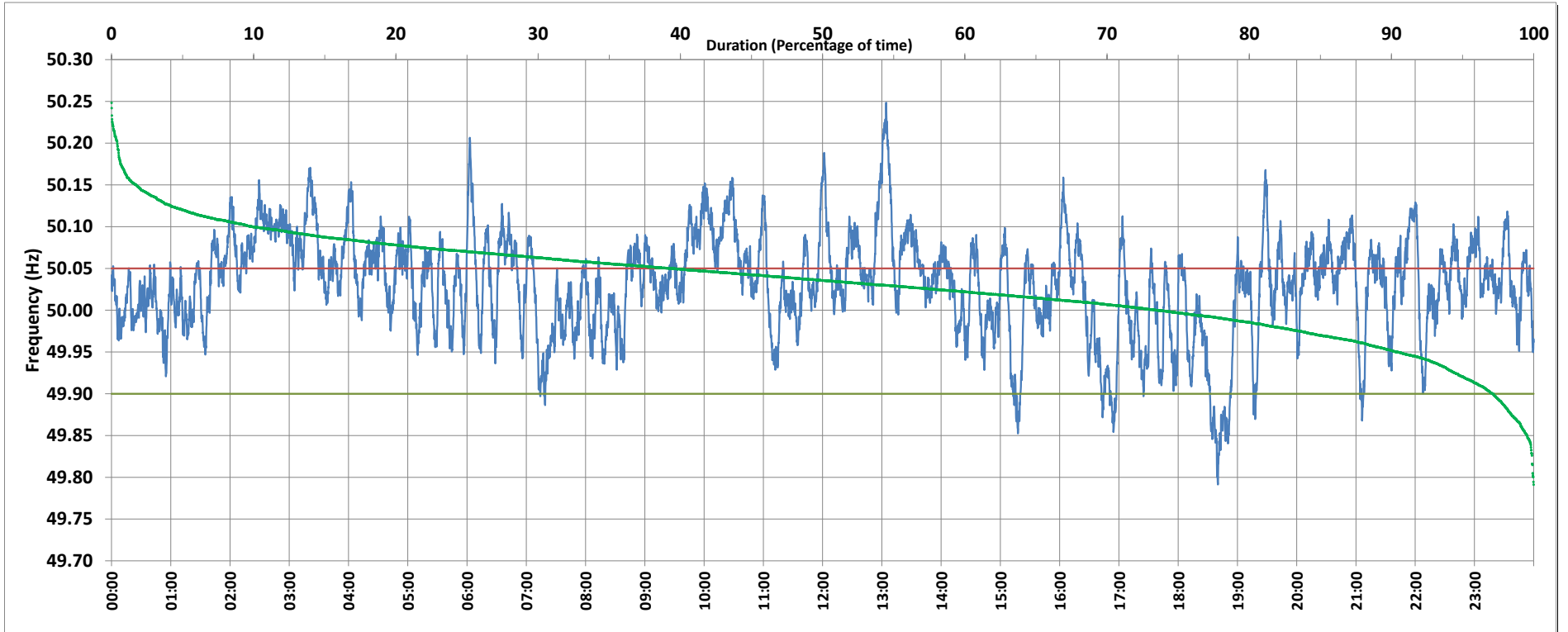


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Feb-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	2.88	14.97	0.02	2.86	23.55	63.61	9.55	57.71	99.59	30.74	29.54	73.52	54.29	39.41	0.41	9.58	51.01	6.70

Average Frequency : 50.031	Frequency Variation Index : 0.0457	Standard Deviation : 0.0602	Mileage: 50.2	FDI: 42.3
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Instantaneous Frequency		
Max	50.248	13:04:20
Min	49.791	18:40:10

15 minute Average Frequency		
Max	50.141	13:15:00
Min	49.860	18:45:00

No. of excursions	
above 50.03 Hz	185
below 49.97 Hz	78
above 50.00 Hz	126
below 50.00 Hz	127

Average time freq per excursion remains	
below 49.97	0:02:46
above 50.03	0:04:14

No. of hours freq outside 49.9-50.05 Hz	10:09:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)