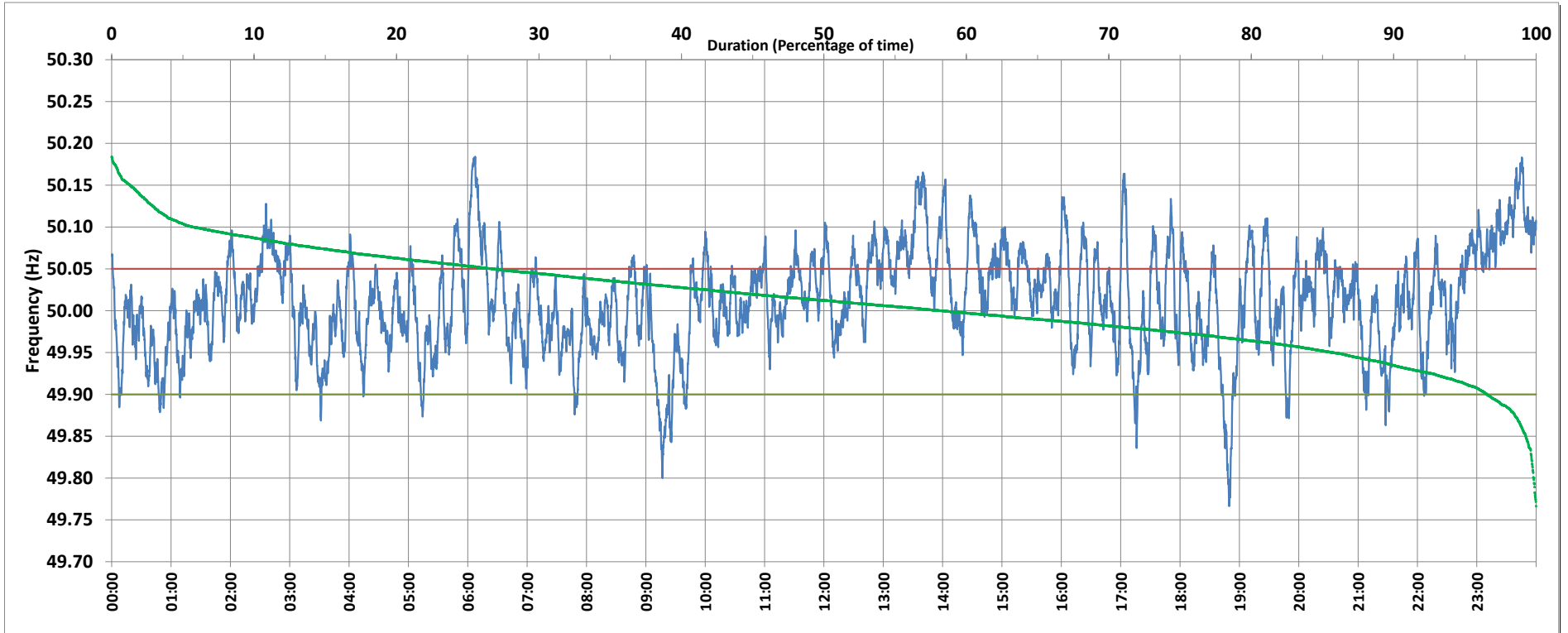


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Feb-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	3.44	22.81	0.17	3.26	38.26	52.55	5.75	69.77	100.00	38.56	21.12	58.21	38.62	26.79	0.00	14.21	58.99	10.78

Average Frequency : 50.012	Frequency Variation Index : 0.0375	Standard Deviation : 0.0601	Mileage: 46.8	FDI: 30.2
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Instantaneous Frequency		
Max	50.184	6:07:20
Min	49.767	18:49:40

15 minute Average Frequency		
Max	50.134	13:45:00
Min	49.876	19:00:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	121
above 50.00 Hz	161
below 50.00 Hz	158

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:04:02

No. of hours freq outside 49.9-50.05 Hz	7:15:20
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Source : HISSAR:Frequency 10 Sec. (8640 samples)