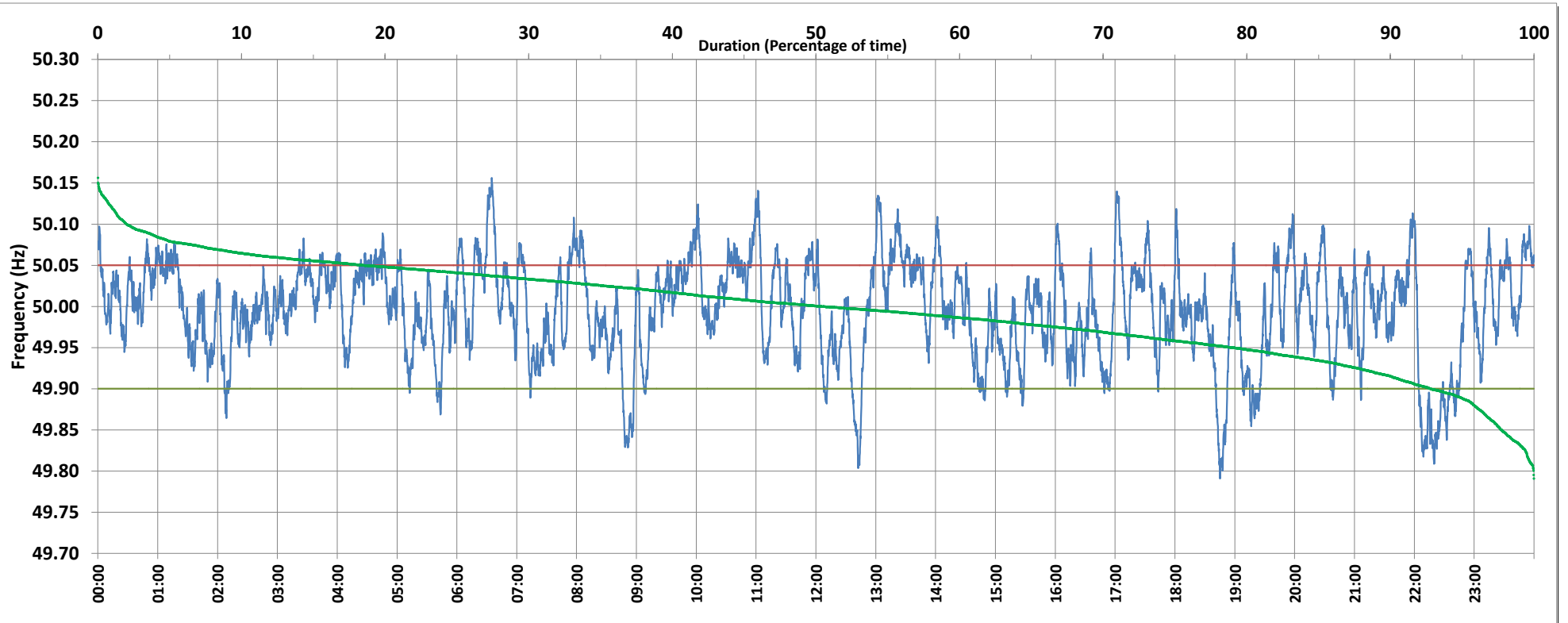


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-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	7.16	30.46	0.02	7.14	42.34	48.48	2.01	74.41	100.00	37.27	16.50	50.35	32.27	18.43	0.00	20.90	60.67	13.74

Average Frequency : 49.996	Frequency Variation Index : 0.0362	Standard Deviation : 0.0600	Mileage: 46.7	FDI: 25.6
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Instantaneous Frequency		
Max	50.156	6:35:00
Min	49.791	18:45:10

15 minute Average Frequency		
Max	50.076	6:45:00
Min	49.854	22:30:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	120
above 50.00 Hz	175
below 50.00 Hz	173

Average time freq per excursion remains	
below 49.97	0:03:39
above 50.03	0:03:12

No. of hours freq outside 49.9-50.05 Hz	6:08:30
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Source : HISSAR:Frequency 10 Sec. (8640 samples)