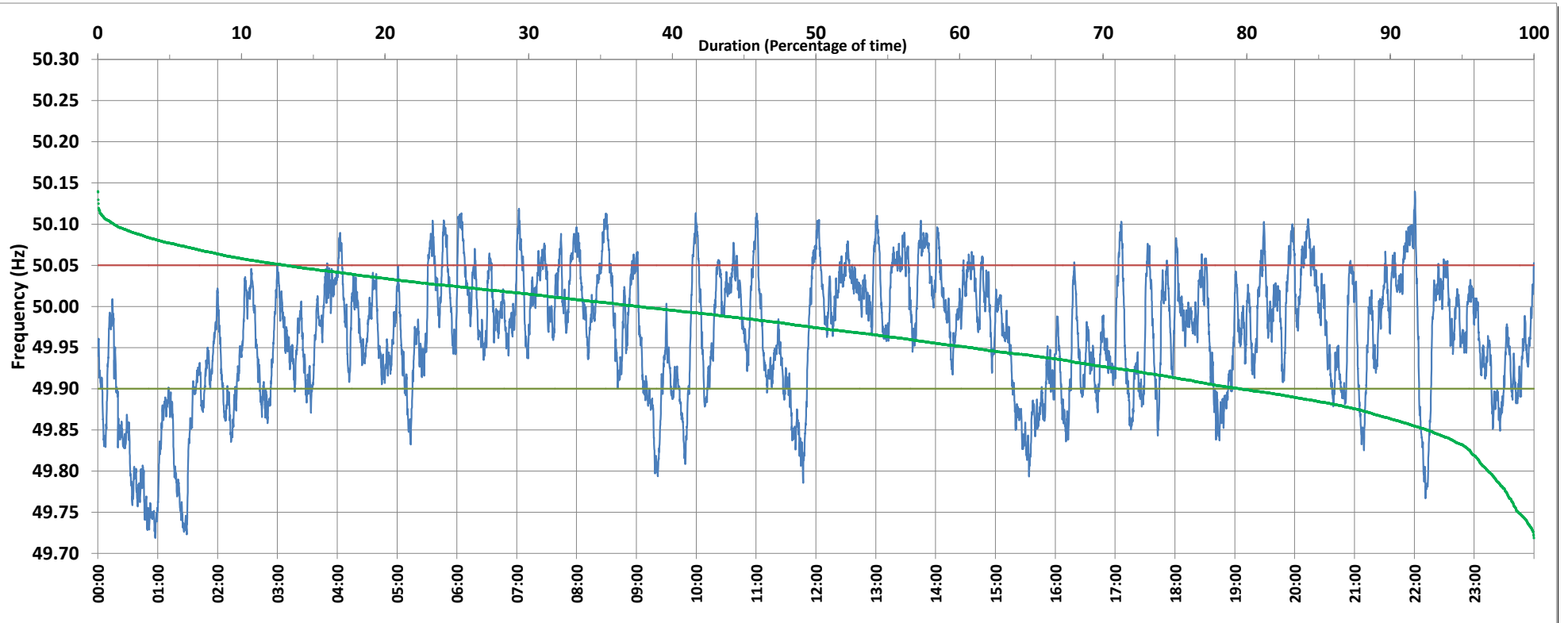


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Feb-2019 (Thursday)



<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	20.46	48.00	3.18	17.28	41.89	36.54	1.11	66.53	100.00	30.10	11.98	37.55	21.90	13.01	0.00	39.12	47.87	18.66

Average Frequency : 49.966	Frequency Variation Index : 0.0713	Standard Deviation : 0.0771	Mileage: 48.2	FDI: 33.5
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Instantaneous Frequency		
Max	50.140	22:00:30
Min	49.719	0:57:30

15 minute Average Frequency		
Max	50.068	22:00:00
Min	49.750	1:00:00

No. of excursions	
above 50.03 Hz	116
below 49.97 Hz	108
above 50.00 Hz	127
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:06:24
above 50.03	0:02:43

No. of hours freq outside 49.9-50.05 Hz	8:02:00
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Source : HISSAR:Frequency 10 Sec. (8640 samples)