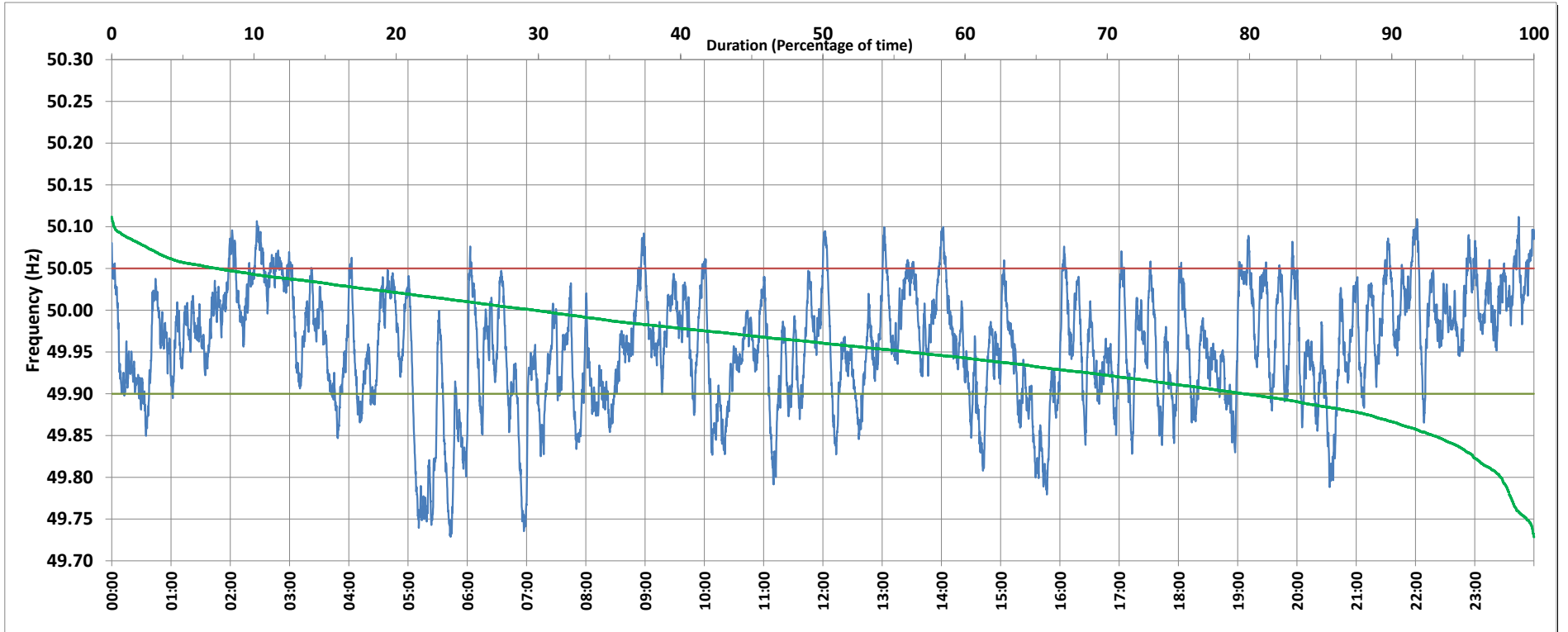


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Jan-2019 (Friday)



<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	20.36	55.28	2.34	18.02	49.83	29.65	0.16	72.25	100.00	28.87	7.27	29.77	15.86	7.40	0.00	43.89	48.72	23.53

Average Frequency : 49.957	Frequency Variation Index : 0.0677	Standard Deviation : 0.0699	Mileage: 49.4	FDI: 27.8
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Instantaneous Frequency		
Max	50.112	23:44:30
Min	49.729	5:43:00

15 minute Average Frequency		
Max	50.049	2:45:00
Min	49.793	5:30:00

No. of excursions	
above 50.03 Hz	96
below 49.97 Hz	136
above 50.00 Hz	115
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:05:51
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	6:39:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)