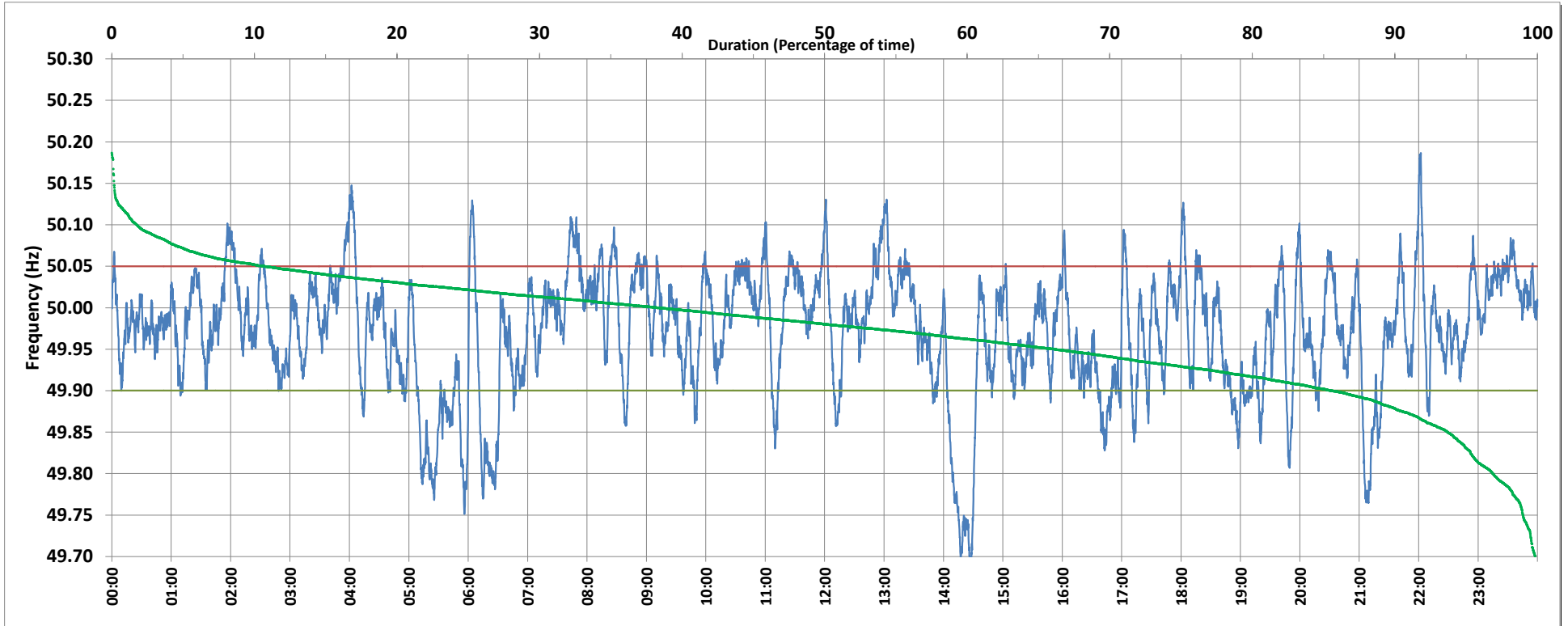


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Mar-2019 (Monday)



<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
0.15	14.40	43.89	2.99	11.26	47.19	36.64	1.77	74.88	99.85	35.87	8.97	38.31	20.24	10.72	0.00	33.83	55.45	19.43

Average Frequency : 49.971	Frequency Variation Index : 0.0618	Standard Deviation : 0.0731	Mileage: 46.5	FDI: 25.1
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Instantaneous Frequency		
Max	50.187	22:02:00
Min	49.687	14:27:50

15 minute Average Frequency		
Max	50.056	13:00:00
Min	49.723	14:30:00

No. of excursions	
above 50.03 Hz	112
below 49.97 Hz	128
above 50.00 Hz	146
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:04:56
above 50.03	0:02:36

No. of hours freq outside 49.9-50.05 Hz	6:01:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)