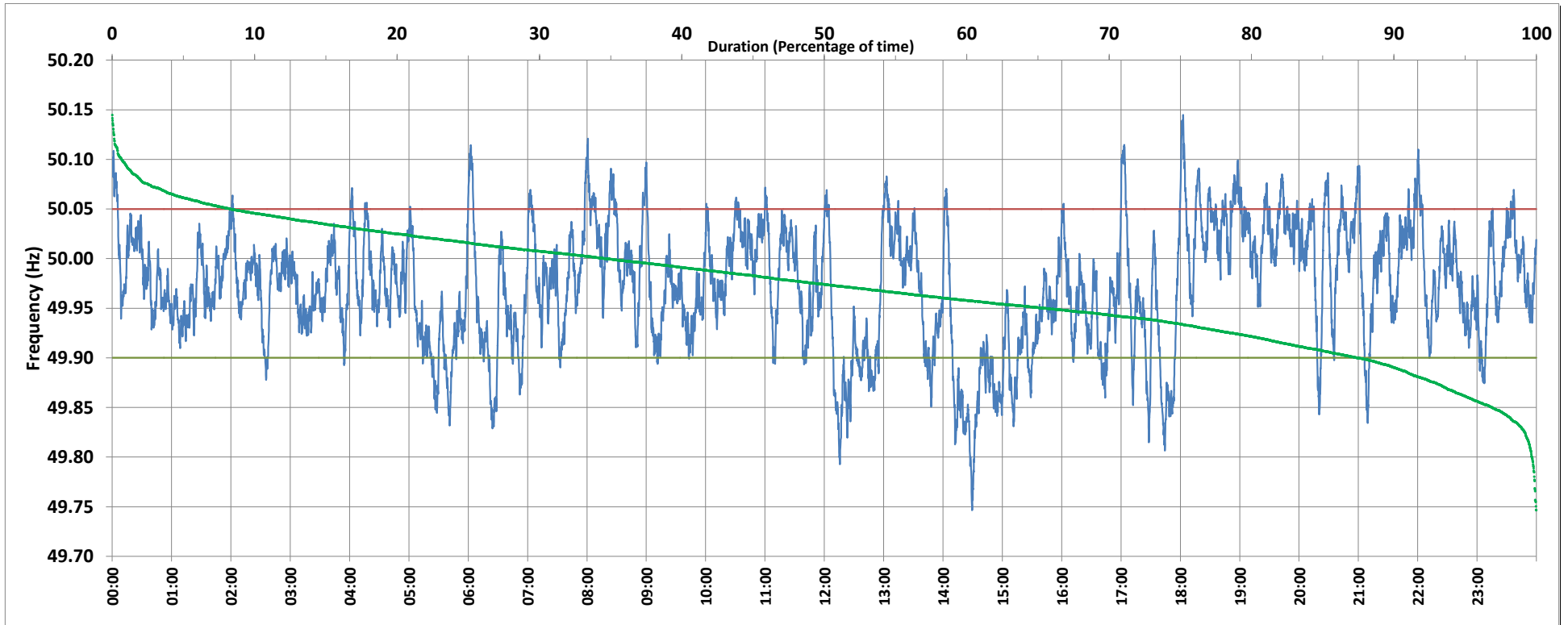


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Nov-2018 (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
0.00	12.53	47.37	0.31	12.22	52.77	34.04	0.66	79.19	100.00	35.35	7.66	34.64	17.28	8.28	0.00	34.47	57.26	21.93

Average Frequency : 49.971	Frequency Variation Index : 0.0443	Standard Deviation : 0.0601	Mileage: 47.1	FDI: 20.8
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Instantaneous Frequency		
Max	50.145	18:02:50
Min	49.747	14:29:20

15 minute Average Frequency		
Max	50.048	19:00:00
Min	49.833	14:30:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	144
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:04:44
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	4:59:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)