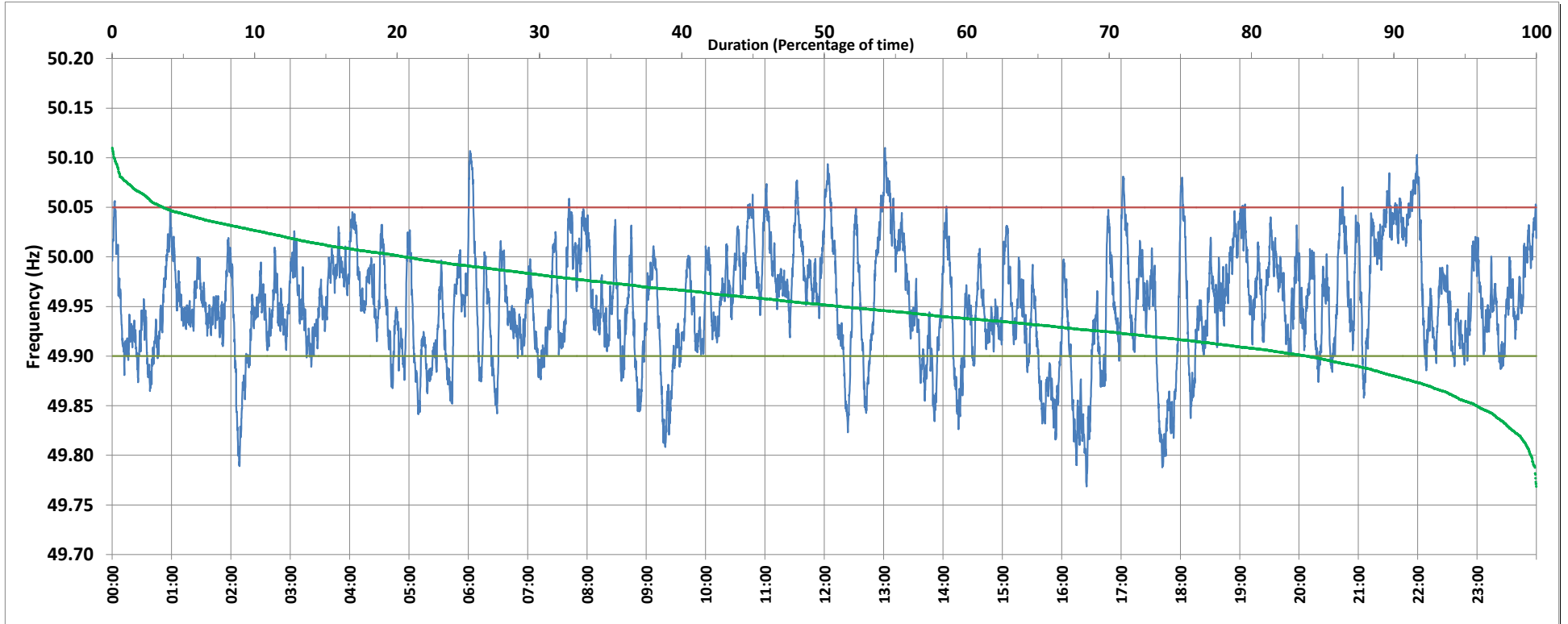


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Nov-2018 (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	16.04	62.70	0.38	15.66	63.34	20.49	0.13	80.38	100.00	28.40	3.46	20.58	8.90	3.58	0.00	48.81	47.62	32.77

Average Frequency : 49.952	Frequency Variation Index : 0.0541	Standard Deviation : 0.0561	Mileage: 47.4	FDI: 19.6
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Instantaneous Frequency	
Max	50.110 13:01:20
Min	49.769 16:25:10

15 minute Average Frequency	
Max	50.052 22:00:00
Min	49.826 16:30:00

No. of excursions	
above 50.03 Hz	85
below 49.97 Hz	162
above 50.00 Hz	117
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:05:34
above 50.03	0:01:30

No. of hours freq outside 49.9-50.05 Hz	
	4:42:30

Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)