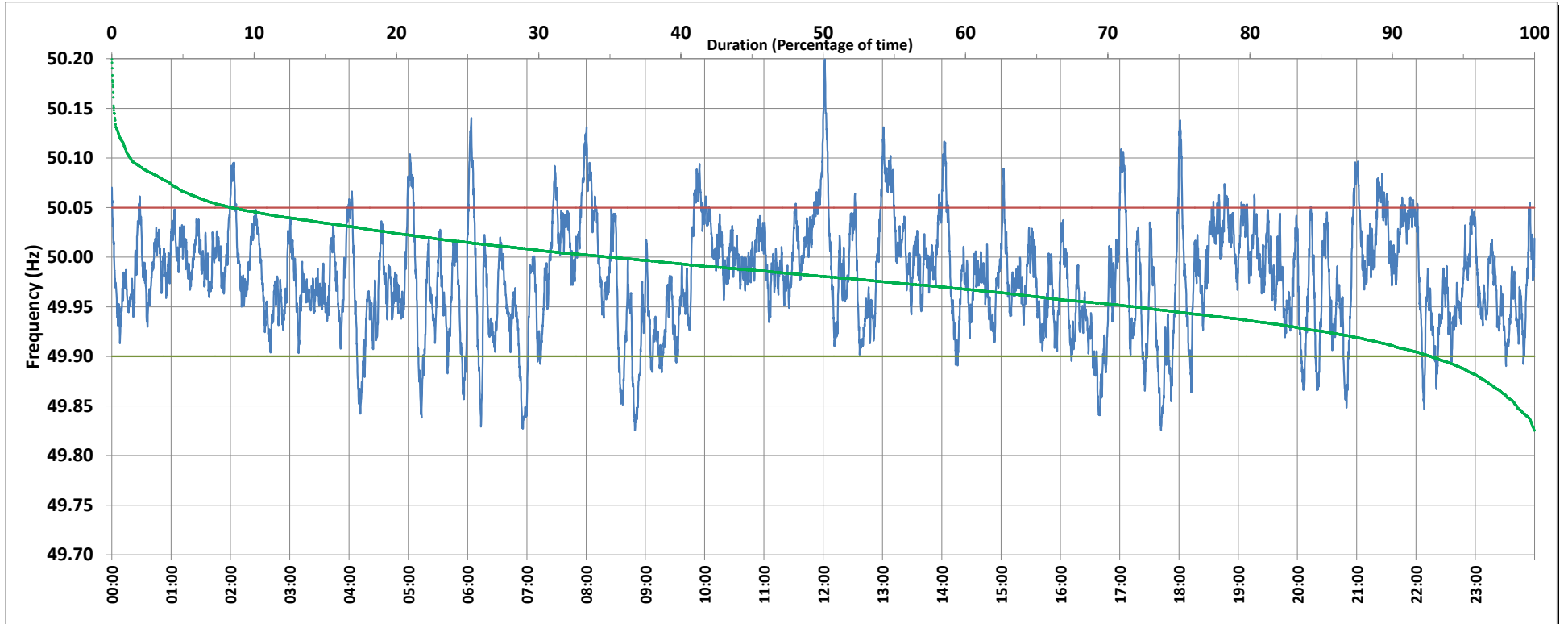


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Nov-2018 (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	7.26	41.53	0.00	7.26	57.63	33.81	1.31	84.36	100.00	41.23	7.13	35.06	17.25	8.38	0.00	28.06	63.56	20.80

Average Frequency : 49.980	Frequency Variation Index : 0.0333	Standard Deviation : 0.0540	Mileage: 46.9	FDI: 15.6
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Instantaneous Frequency		
Max	50.199	12:01:30
Min	49.825	8:49:20

15 minute Average Frequency		
Max	50.072	13:15:00
Min	49.889	16:45:00

No. of excursions	
above 50.03 Hz	104
below 49.97 Hz	154
above 50.00 Hz	186
below 50.00 Hz	186

Average time freq per excursion remains	
below 49.97	0:03:53
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	3:45:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)