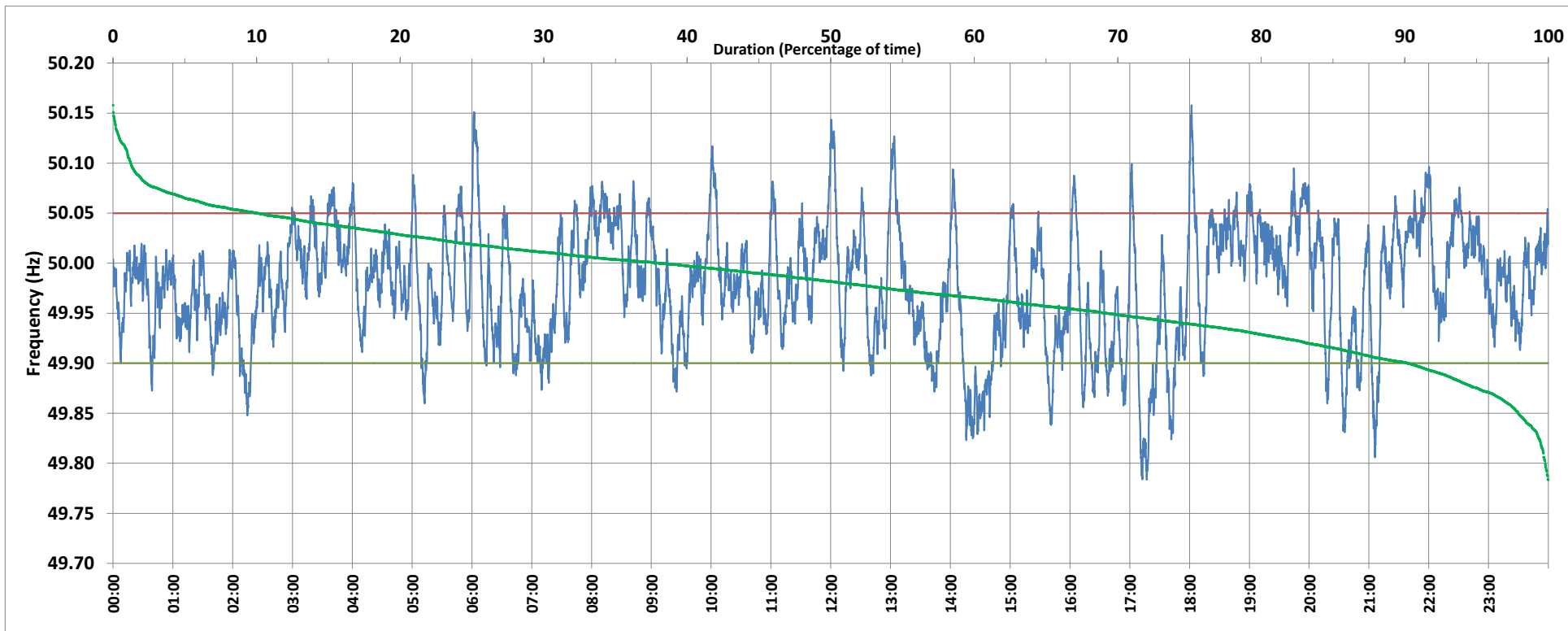


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Nov-2018 (Tuesday)



<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	9.77	43.18	0.21	9.56	52.09	36.91	1.23	80.19	100.00	37.48	8.87	38.06	19.34	10.05	0.00	30.68	59.27	20.91

Average Frequency : 49.978	Frequency Variation Index : 0.0391	Standard Deviation : 0.0585	Mileage: 47.3	FDI: 19.8
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Instantaneous Frequency		
Max	50.158	18:02:00
Min	49.784	17:17:00

15 minute Average Frequency		
Max	50.055	20:00:00
Min	49.853	14:30:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	142
above 50.00 Hz	173
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:04:23
above 50.03	0:02:16

No. of hours freq outside 49.9-50.05 Hz	4:45:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)