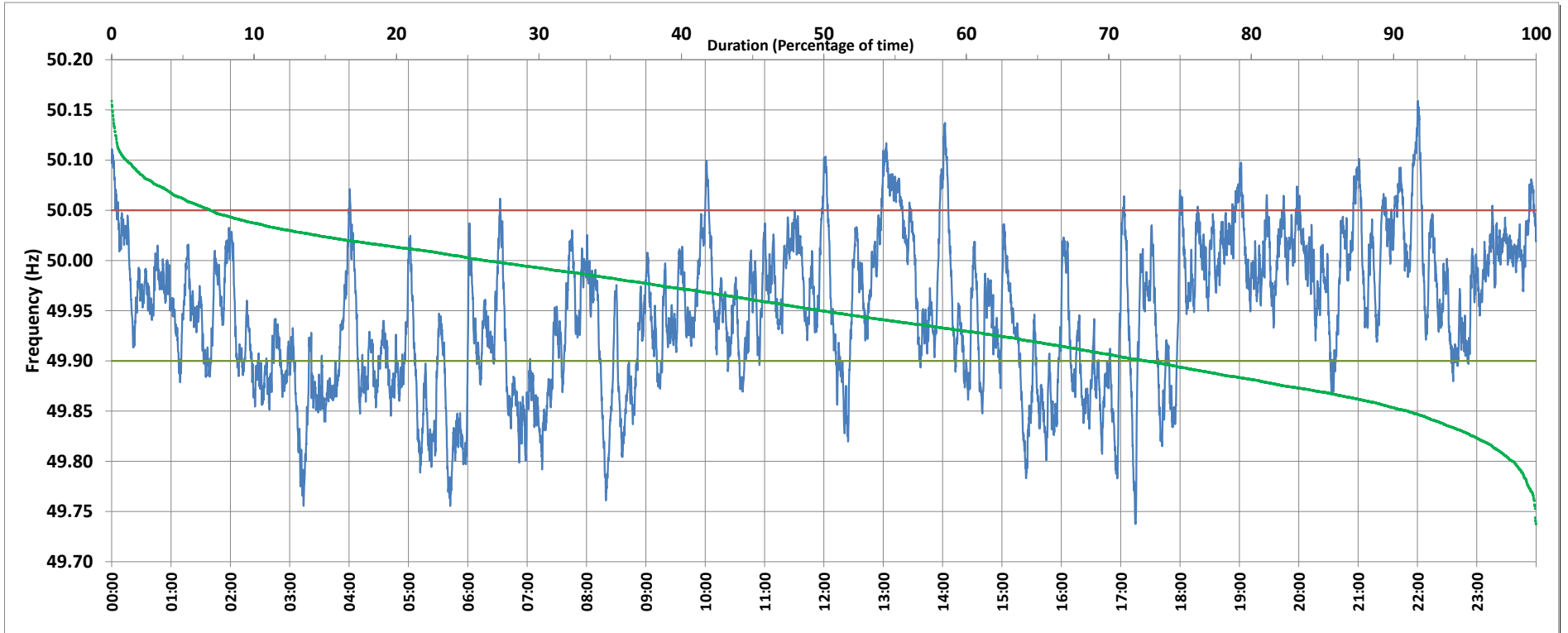


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Nov-2018 (Thursday)



<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	27.35	58.98	1.61	25.74	46.37	25.24	1.04	65.72	100.00	28.58	5.90	26.24	12.44	6.93	0.00	50.13	42.94	22.78

Average Frequency : 49.948	Frequency Variation Index : 0.0785	Standard Deviation : 0.0718	Mileage: 48.3	FDI: 34.3
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Instantaneous Frequency		
Max	50.159	22:00:30
Min	49.738	17:15:00

15 minute Average Frequency		
Max	50.083	13:15:00
Min	49.824	6:00:00

No. of excursions	
above 50.03 Hz	93
below 49.97 Hz	109
above 50.00 Hz	119
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:07:48
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	8:13:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)