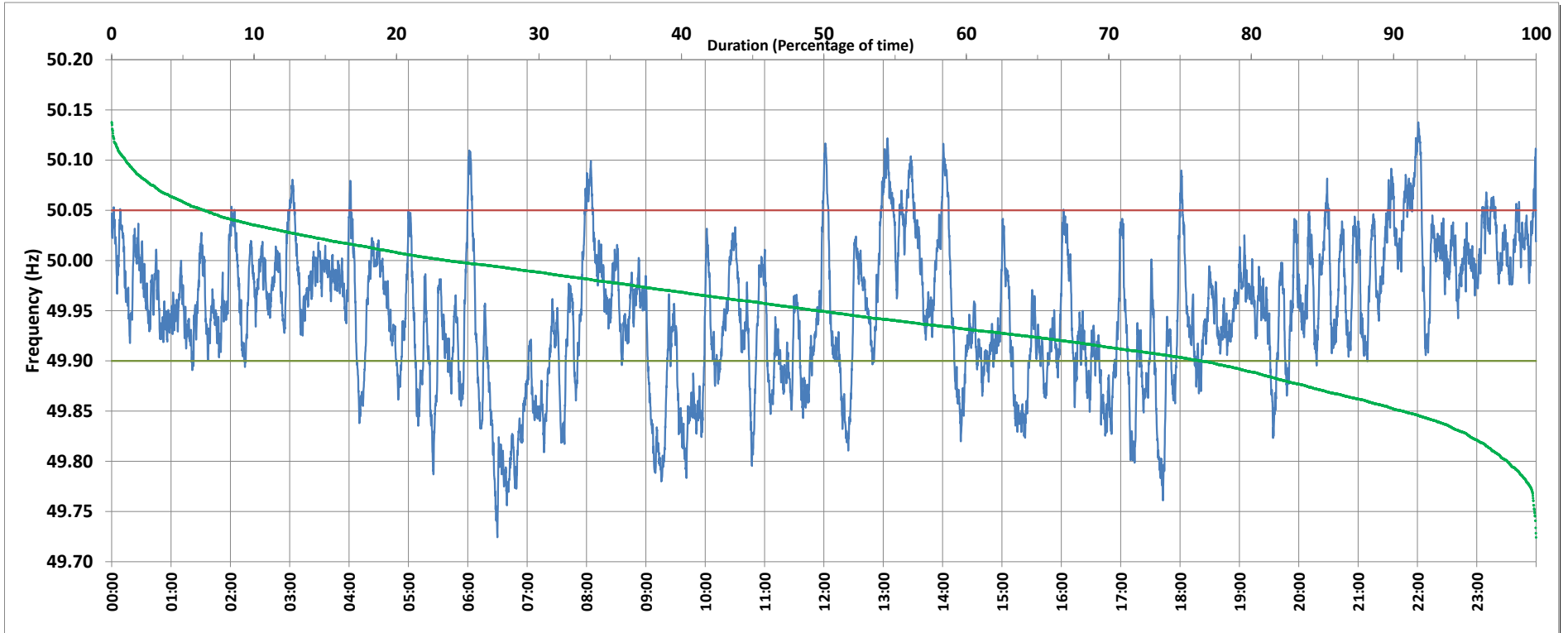


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	23.52	60.76	2.01	21.50	52.87	22.64	0.97	69.97	100.00	27.45	5.54	23.58	11.78	6.52	0.00	50.42	43.07	26.90

Average Frequency : 49.948	Frequency Variation Index : 0.0756	Standard Deviation : 0.0696	Mileage: 47.4	FDI: 30.0
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Instantaneous Frequency		
Max	50.138	22:01:00
Min	49.724	6:29:50

15 minute Average Frequency		
Max	50.073	22:00:00
Min	49.792	6:45:00

No. of excursions	
above 50.03 Hz	86
below 49.97 Hz	111
above 50.00 Hz	121
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:07:53
above 50.03	0:01:58

No. of hours freq outside 49.9-50.05 Hz	7:12:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)