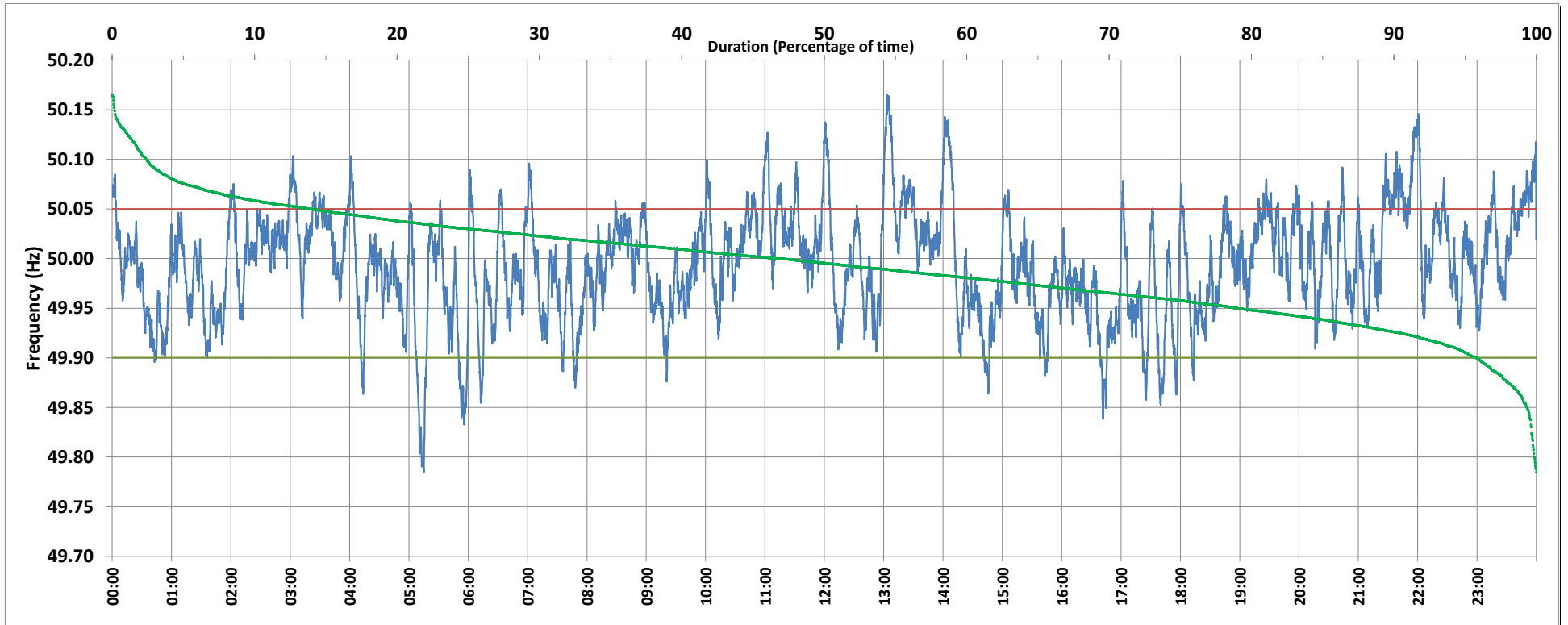


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Nov-2018 (Wednesday)



<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	4.19	32.89	0.13	4.06	48.85	44.54	2.42	81.91	100.00	42.14	11.57	46.84	24.97	13.90	0.00	20.96	65.14	16.77

Average Frequency : 49.993	Frequency Variation Index : 0.0296	Standard Deviation : 0.0540	Mileage: 46.6	FDI: 18.1
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Instantaneous Frequency		
Max	50.166	13:03:30
Min	49.785	5:15:00

15 minute Average Frequency		
Max	50.097	13:15:00
Min	49.901	6:00:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	149
above 50.00 Hz	167
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	4:20:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)