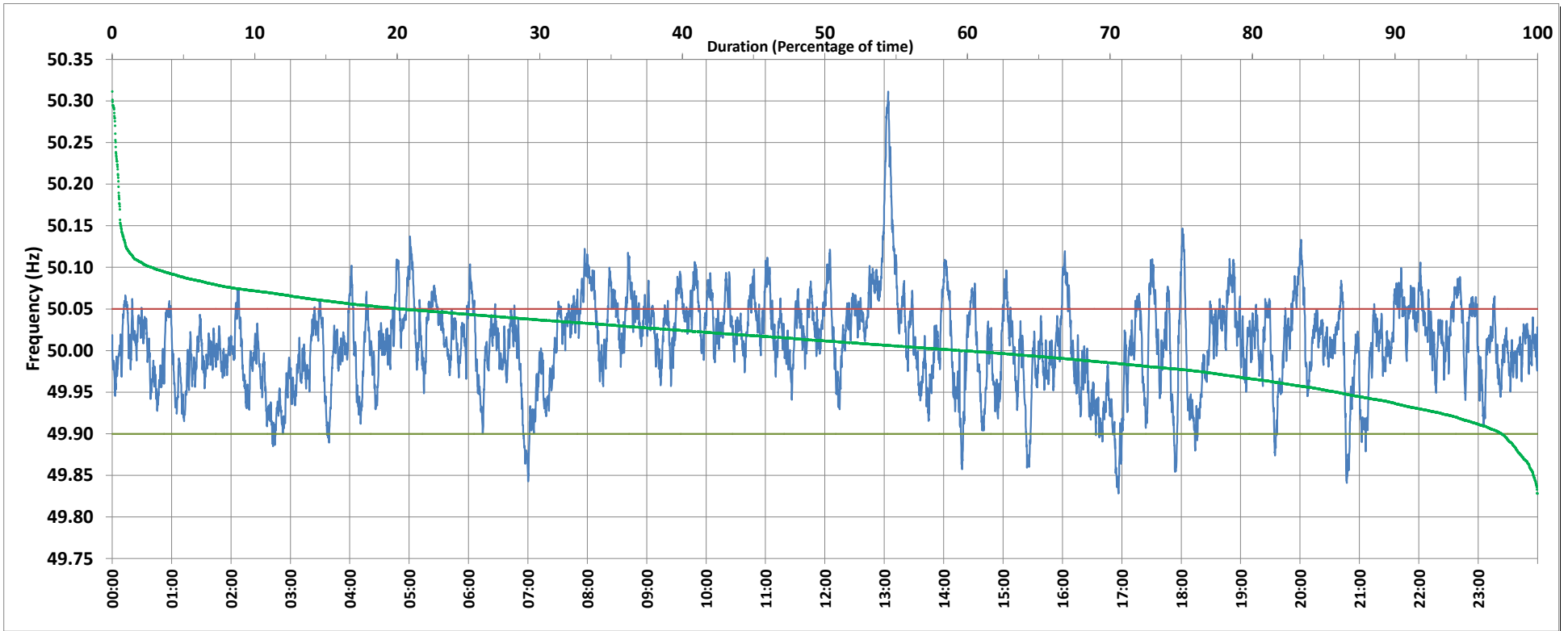


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Oct-2019 (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	2.51	21.62	0.00	2.51	37.70	56.99	2.36	77.16	99.56	42.86	17.62	59.59	35.52	20.32	0.44	14.04	65.64	11.53

Average Frequency : 50.009	Frequency Variation Index : 0.0301	Standard Deviation : 0.0541	Mileage: 52.9	FDI: 22.8
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Instantaneous Frequency		
Max	50.311	13:03:50
Min	49.828	16:56:30

15 minute Average Frequency		
Max	50.173	13:15:00
Min	49.899	17:00:00

No. of excursions	
above 50.03 Hz	204
below 49.97 Hz	122
above 50.00 Hz	204
below 50.00 Hz	206

Average time freq per excursion remains	
below 49.97	0:02:33
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:28:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)