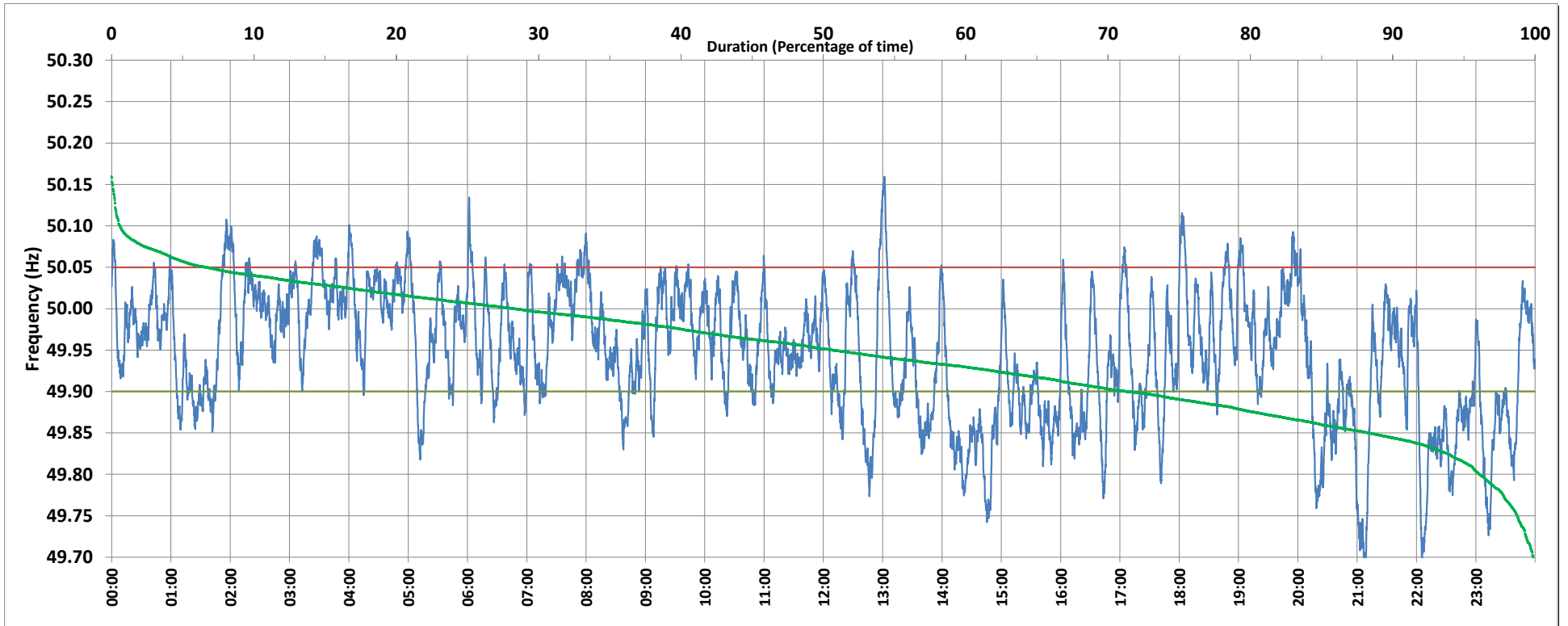


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Mar-2019 (Saturday)



<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
0.14	28.63	57.95	3.74	24.76	43.02	27.75	0.59	64.68	99.86	27.75	6.10	28.32	14.29	6.69	0.00	49.29	44.02	20.66

Average Frequency : 49.946	Frequency Variation Index : 0.0900	Standard Deviation : 0.0779	Mileage: 48.5	FDI: 35.3
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Instantaneous Frequency		
Max	50.160	13:01:50
Min	49.689	21:07:20

15 minute Average Frequency		
Max	50.040	20:00:00
Min	49.769	21:15:00

No. of excursions	
above 50.03 Hz	104
below 49.97 Hz	108
above 50.00 Hz	128
below 50.00 Hz	128

Average time freq per excursion remains	
below 49.97	0:07:44
above 50.03	0:01:59

No. of hours freq outside 49.9-50.05 Hz	8:28:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)