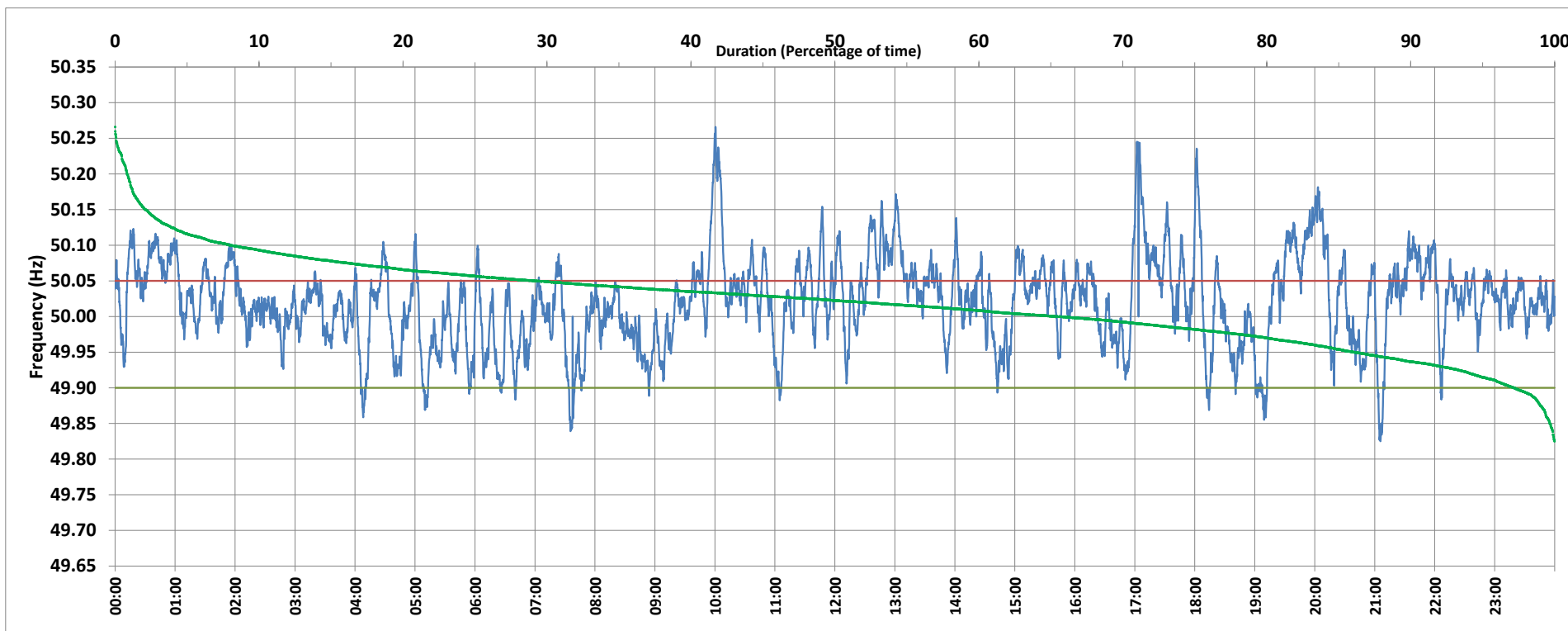


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 25-Mar-2020 (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	2.81	19.98	0.00	2.81	31.57	57.55	7.22	67.91	99.16	35.86	21.38	65.46	44.17	29.28	0.84	13.90	56.82	11.09

Average Frequency : 50.020	Frequency Variation Index : 0.0420	Standard Deviation : 0.0617	Mileage: 43.4	FDI: 32.1
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Instantaneous Frequency		
Max	50.266	10:00:30
Min	49.825	21:05:40

15 minute Average Frequency		
Max	50.150	17:15:00
Min	49.907	19:15:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	84
above 50.00 Hz	140
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:03:25
above 50.03	0:03:53

No. of hours freq outside 49.9-50.05 Hz	7:42:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)