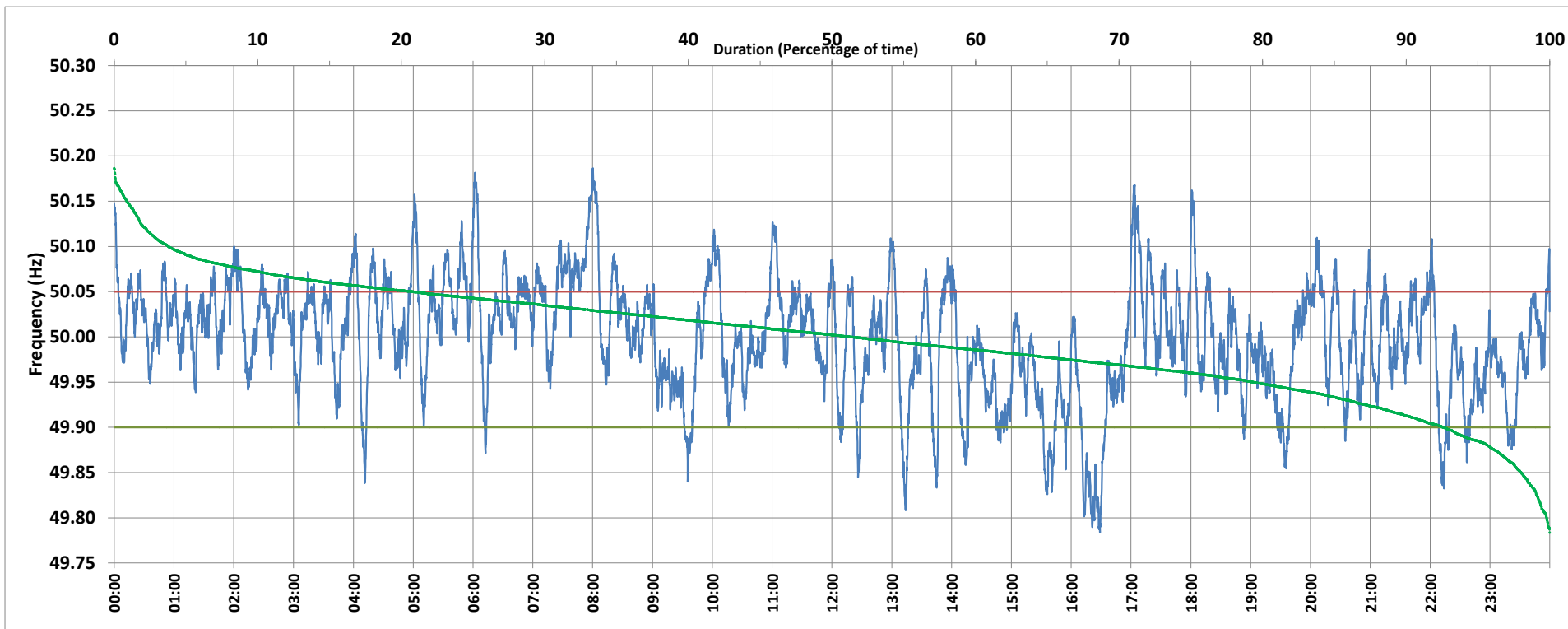


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 18-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	7.37	30.57	0.21	7.16	41.25	47.59	3.78	71.88	100.00	36.45	17.06	51.22	32.99	20.75	0.00	20.68	58.56	13.31

Average Frequency : 49.998	Frequency Variation Index : 0.0408	Standard Deviation : 0.0638	Mileage: 49.0	FDI: 28.1
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Instantaneous Frequency		
Max	50.187	8:00:10
Min	49.784	16:29:00

15 minute Average Frequency		
Max	50.102	8:00:00
Min	49.821	16:30:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	141
above 50.00 Hz	146
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:03:07
above 50.03	0:03:17

No. of hours freq outside 49.9-50.05 Hz	6:45:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)