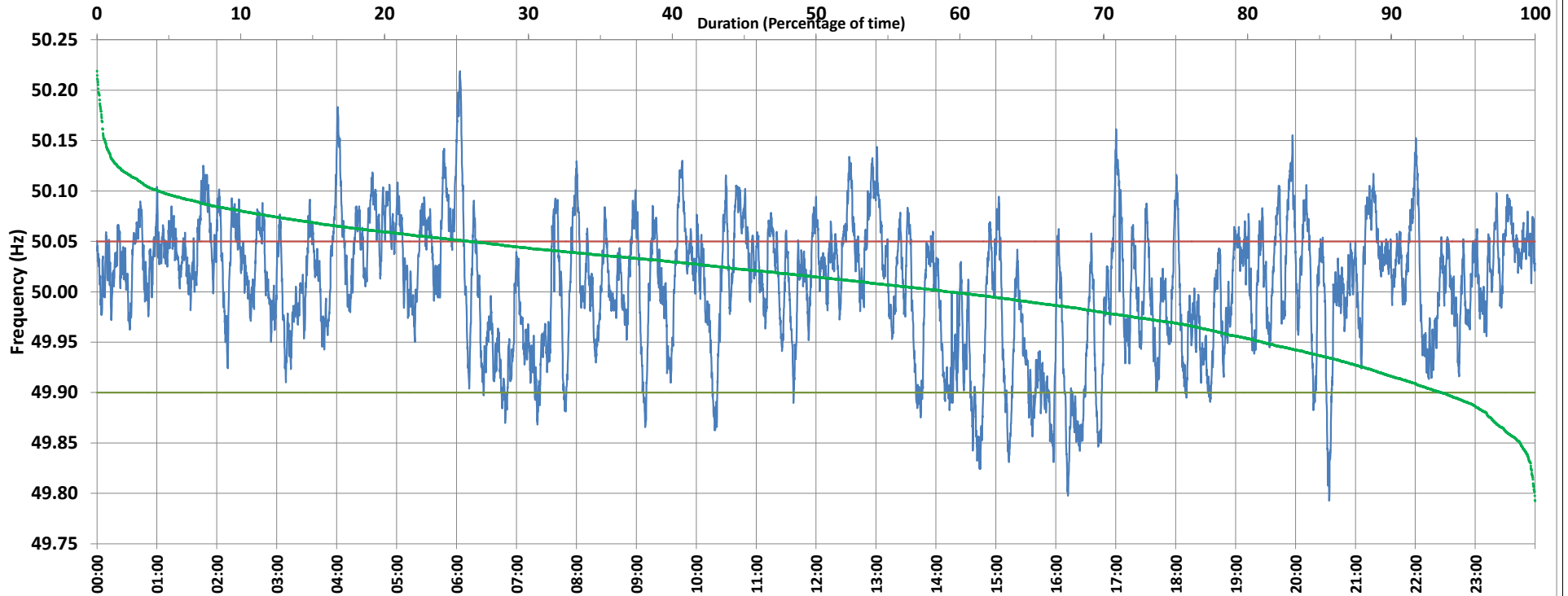


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Dec-2019 (Thursday)



<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	6.50	25.41	0.03	6.47	34.18	55.00	4.22	67.60	99.91	34.78	21.67	59.13	39.81	25.89	0.09	18.91	55.20	12.41

Average Frequency : 50.007	Frequency Variation Index : 0.0403	Standard Deviation : 0.0631	Mileage: 53.2	FDI: 32.4
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Instantaneous Frequency		
Max	50.219	6:03:20
Min	49.793	20:33:40

15 minute Average Frequency		
Max	50.091	6:00:00
Min	49.874	16:30:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	105
above 50.00 Hz	161
below 50.00 Hz	160

Average time freq per excursion remains	
below 49.97	0:03:29
above 50.03	0:03:07

No. of hours freq outside 49.9-50.05 Hz	7:46:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)