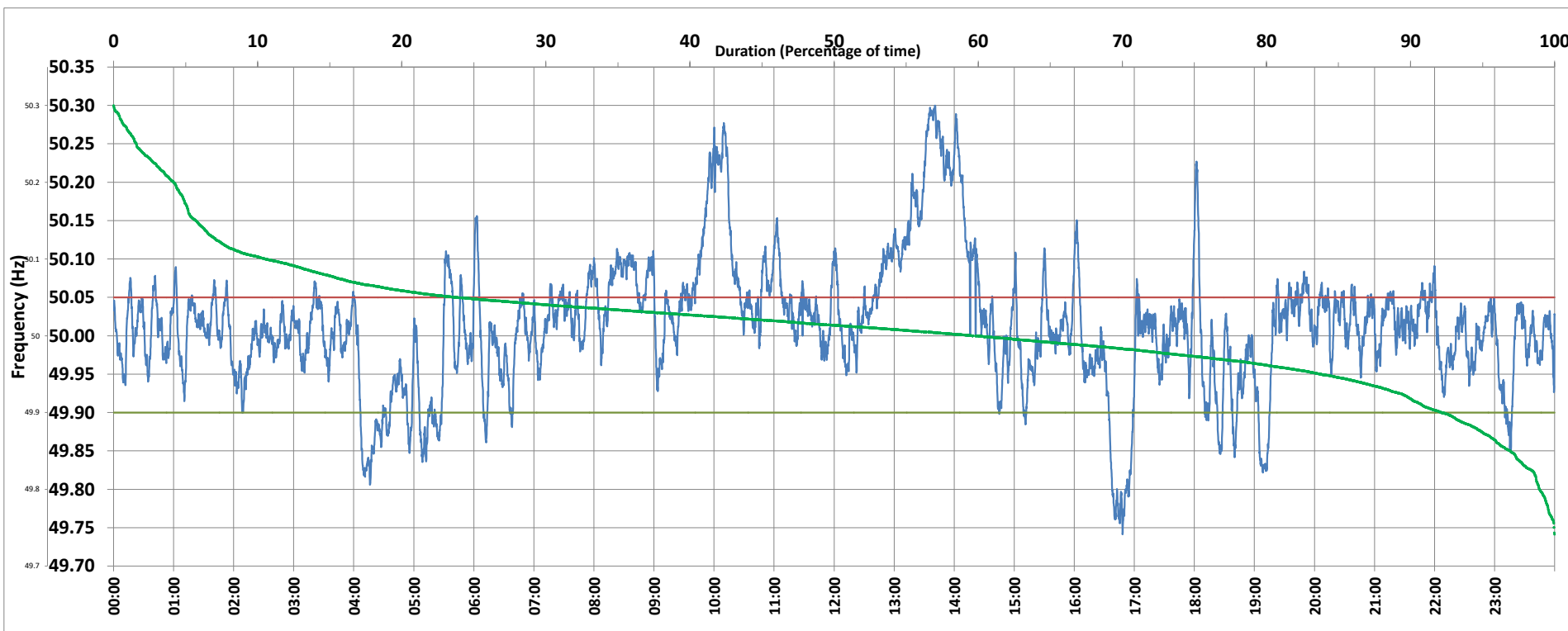


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Mar-2020 (Sunday)



<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	7.85	23.47	1.05	6.79	32.34	49.26	6.39	68.40	95.83	38.82	13.29	59.61	37.71	23.75	4.17	16.22	60.03	8.37

Average Frequency : 50.014	Frequency Variation Index : 0.0704	Standard Deviation : 0.0828	Mileage: 39.0	FDI: 31.6
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Instantaneous Frequency		
Max	50.300	13:40:50
Min	49.742	16:48:10

15 minute Average Frequency		
Max	50.274	13:45:00
Min	49.810	17:00:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	82
above 50.00 Hz	119
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:03:49

No. of hours freq outside 49.9-50.05 Hz	7:35:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)