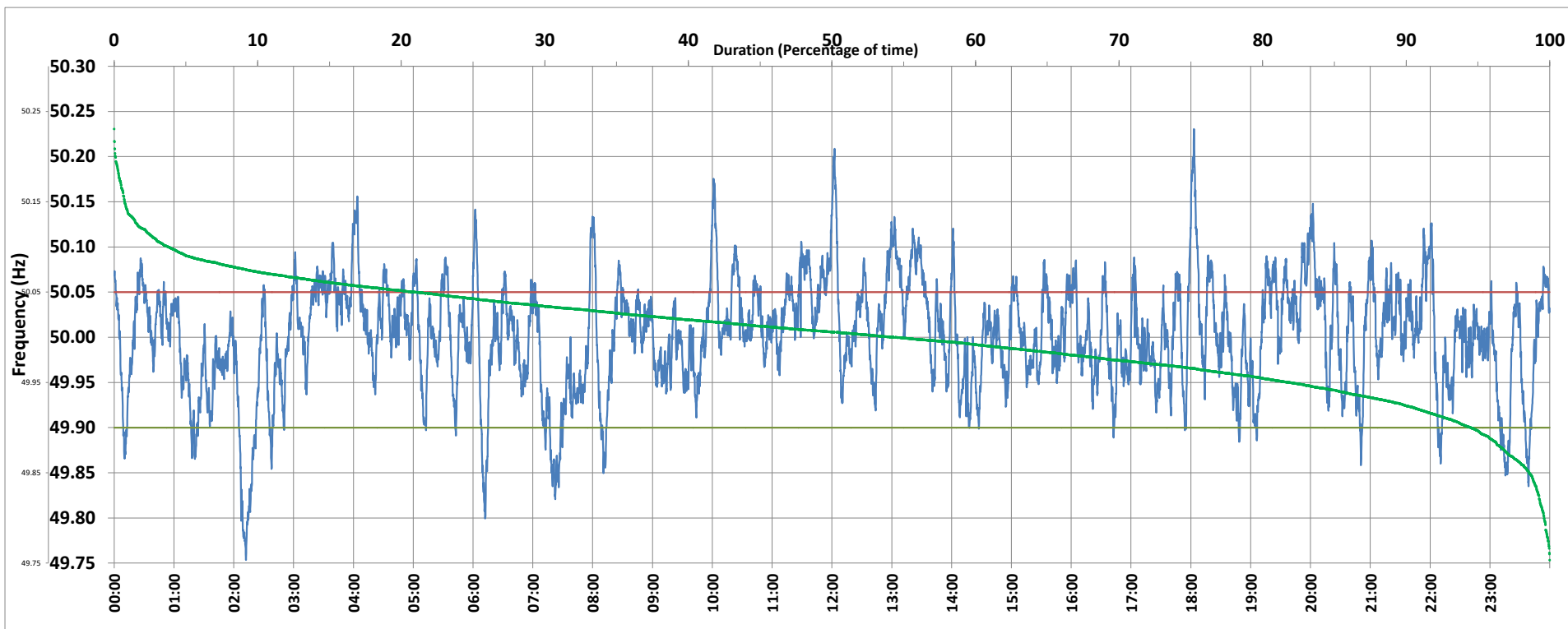


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Mar-2020 (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	5.50	27.36	0.39	5.10	40.07	50.67	3.66	73.60	99.90	39.63	17.21	54.28	33.01	20.90	0.10	18.11	60.98	12.62

Average Frequency : 50.002	Frequency Variation Index : 0.0372	Standard Deviation : 0.0610	Mileage: 50.9	FDI: 26.4
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Instantaneous Frequency		
Max	50.231	18:03:00
Min	49.753	2:12:10

15 minute Average Frequency		
Max	50.085	13:30:00
Min	49.861	2:15:00

No. of excursions	
above 50.03 Hz	165
below 49.97 Hz	137
above 50.00 Hz	194
below 50.00 Hz	193

Average time freq per excursion remains	
below 49.97	0:02:53
above 50.03	0:02:53

No. of hours freq outside 49.9-50.05 Hz	6:20:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)