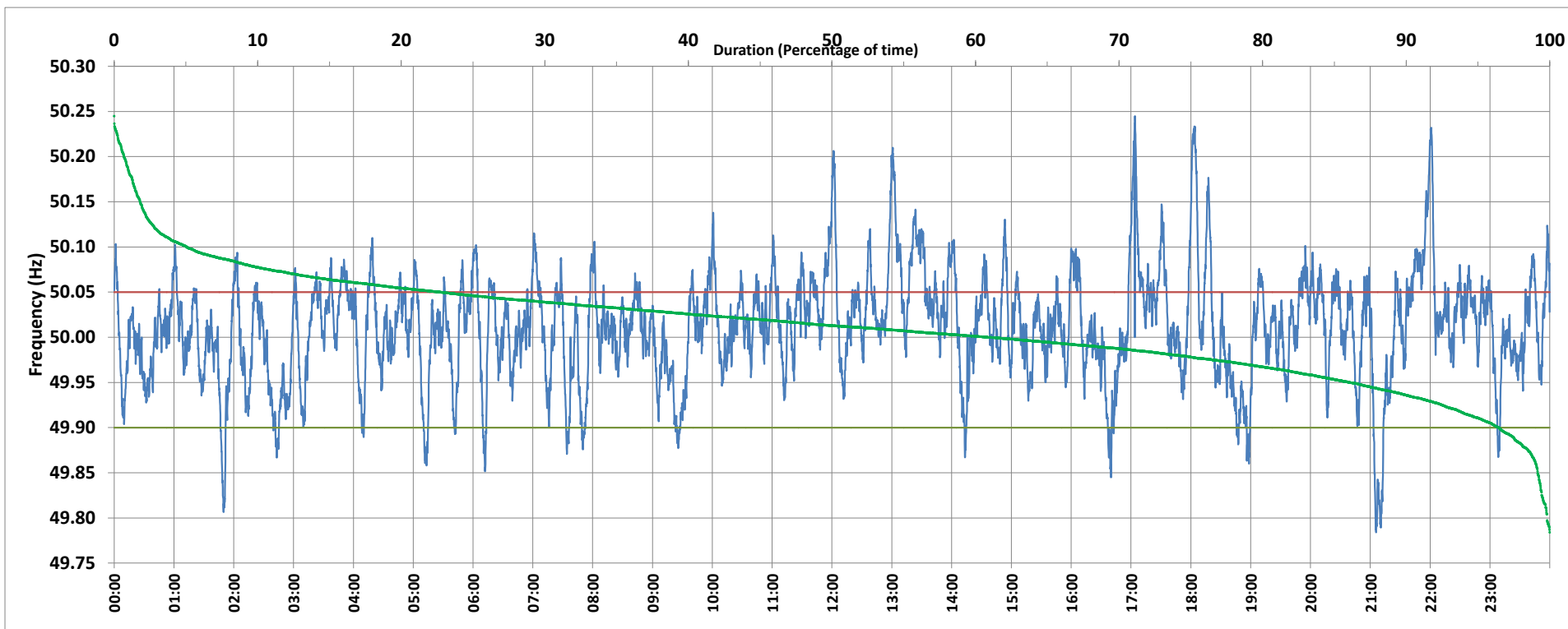


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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	3.55	21.15	0.19	3.37	35.45	55.95	4.36	73.75	99.32	42.16	17.74	60.82	36.69	22.70	0.68	13.91	63.39	10.36

Average Frequency : 50.011	Frequency Variation Index : 0.0365	Standard Deviation : 0.0594	Mileage: 51.6	FDI: 26.3
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Instantaneous Frequency		
Max	50.245	17:04:00
Min	49.784	21:05:50

15 minute Average Frequency		
Max	50.109	22:00:00
Min	49.869	21:15:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	109
above 50.00 Hz	205
below 50.00 Hz	204

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	6:18:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)