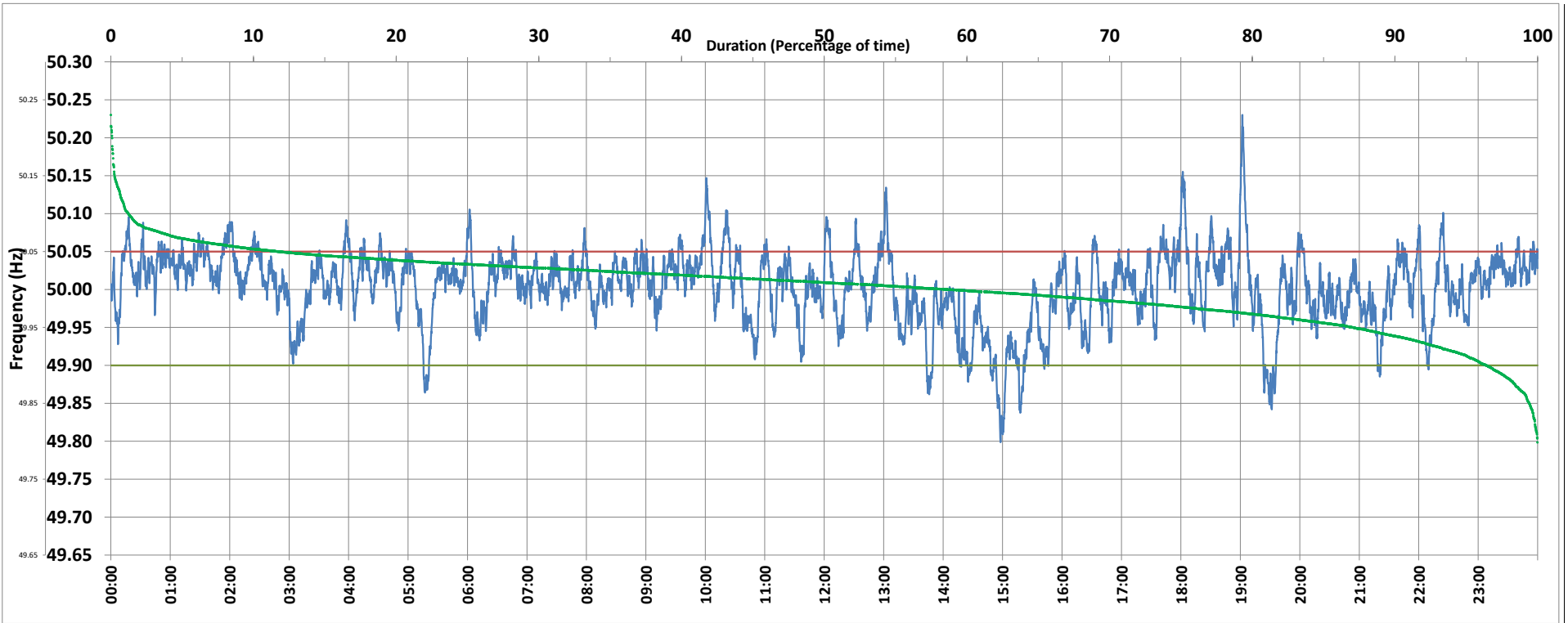


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 20-May-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	3.59	21.15	0.01	3.58	37.63	57.55	1.15	84.68	99.91	50.53	10.56	58.63	28.32	11.74	0.09	12.93	75.34	9.34

Average Frequency : 50.003	Frequency Variation Index : 0.0232	Standard Deviation : 0.0481	Mileage: 43.0	FDI: 15.3
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Instantaneous Frequency		
Max	50.230	19:02:20
Min	49.799	14:57:50

15 minute Average Frequency		
Max	50.067	19:15:00
Min	49.880	15:00:00

No. of excursions	
above 50.03 Hz	211
below 49.97 Hz	106
above 50.00 Hz	181
below 50.00 Hz	181

Average time freq per excursion remains	
below 49.97	0:02:52
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:40:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)