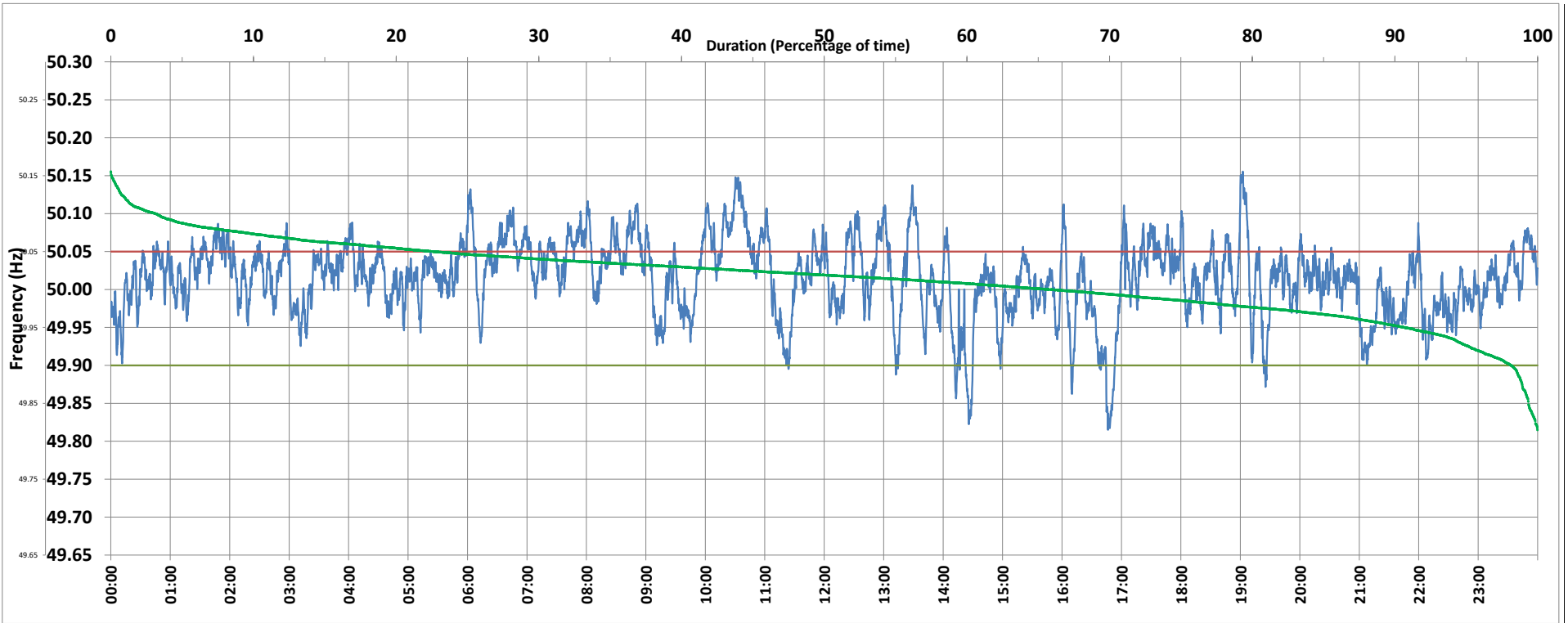


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-May-2020 (Tuesday)



<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	1.83	16.30	0.00	1.83	32.28	62.75	3.14	75.54	100.00	43.97	19.54	65.73	39.73	22.63	0.00	9.33	68.04	7.50

Average Frequency : 50.015	Frequency Variation Index : 0.0263	Standard Deviation : 0.0492	Mileage: 41.5	FDI: 24.5
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Instantaneous Frequency		
Max	50.155	19:02:30
Min	49.815	16:46:20

15 minute Average Frequency		
Max	50.109	10:45:00
Min	49.896	14:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	100
above 50.00 Hz	152
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:02:21
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	5:52:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)