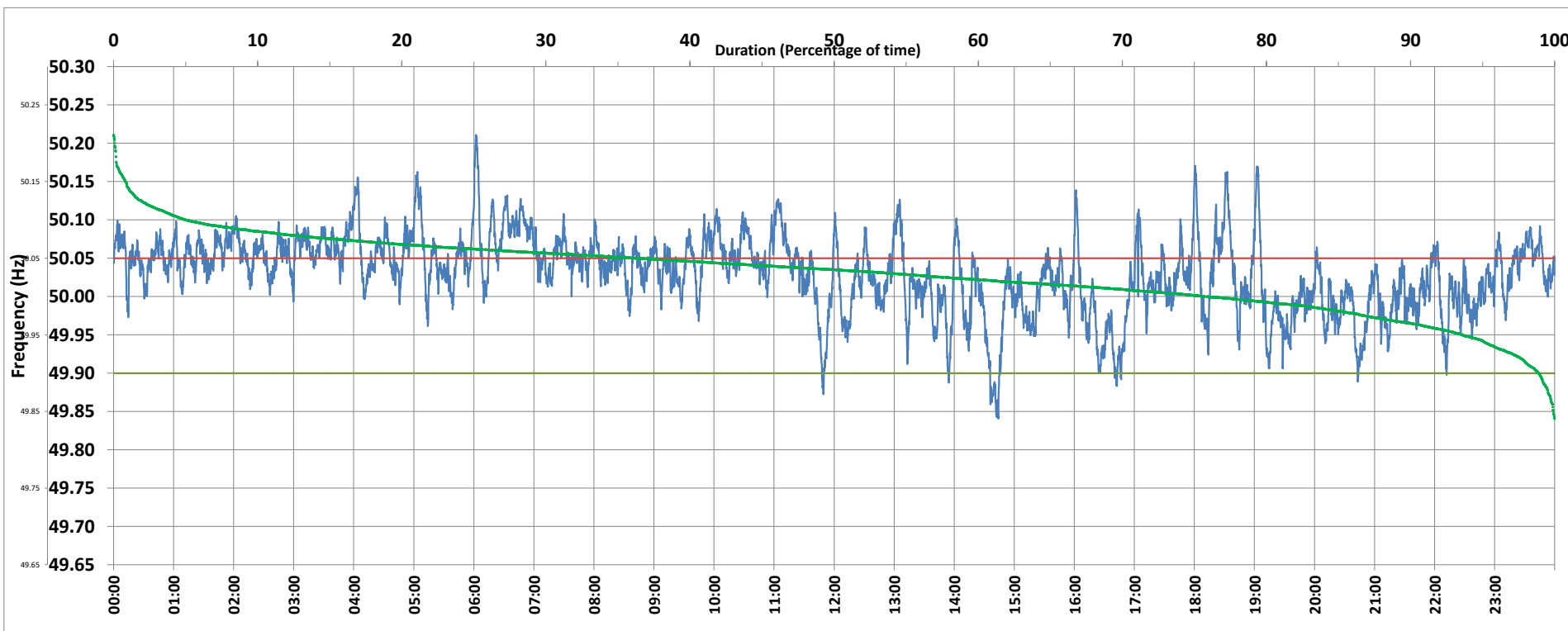


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-May-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	1.09	11.67	0.00	1.09	23.02	70.86	4.94	62.66	99.91	34.25	31.28	75.69	54.09	36.25	0.09	6.39	57.36	5.30

Average Frequency : 50.030	Frequency Variation Index : 0.0329	Standard Deviation : 0.0490	Mileage: 43.3	FDI: 37.3
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Instantaneous Frequency		
Max	50.211	6:02:00
Min	49.841	14:44:00

15 minute Average Frequency		
Max	50.099	6:45:00
Min	49.895	14:45:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	74
above 50.00 Hz	131
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:16
above 50.03	0:04:35

No. of hours freq outside 49.9-50.05 Hz	8:57:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)