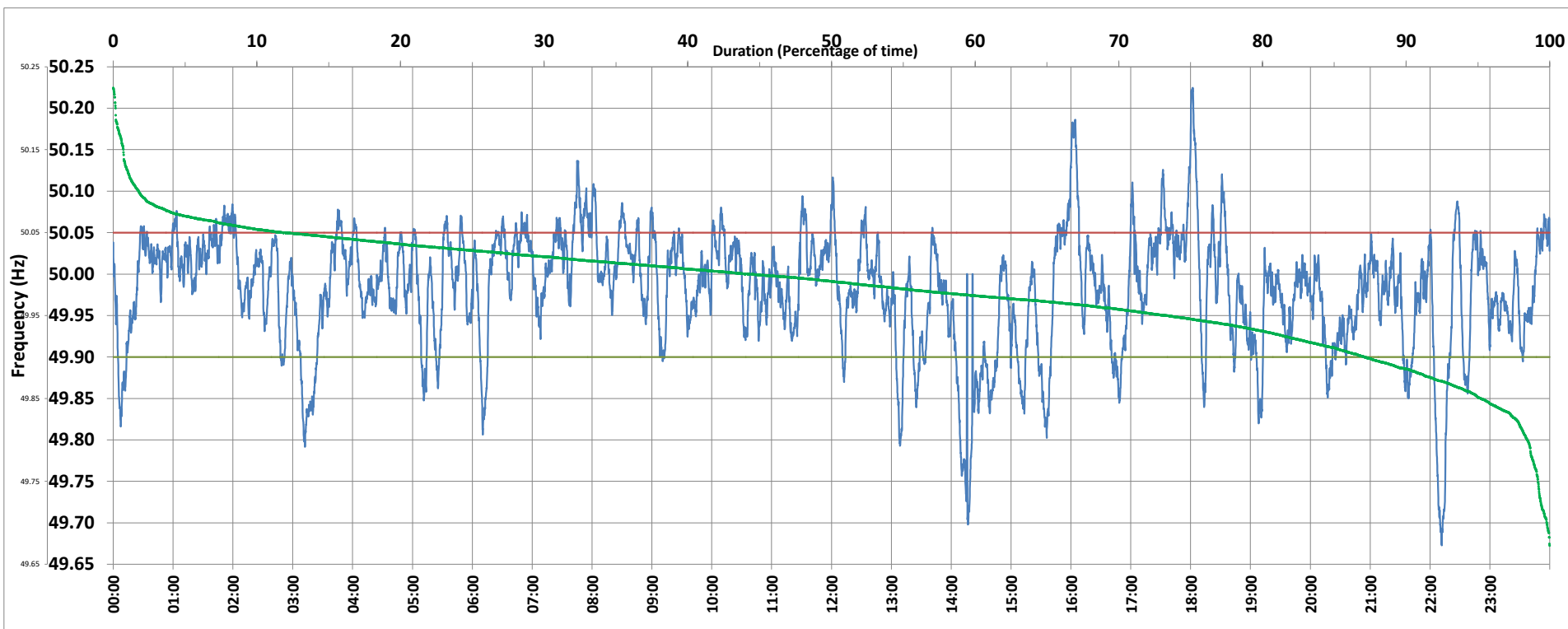


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 22-Apr-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
0.20	12.87	37.20	1.37	11.31	42.67	42.69	1.60	75.28	99.63	38.81	10.09	44.29	23.99	11.85	0.17	26.57	61.57	13.70

Average Frequency : 49.981	Frequency Variation Index : 0.0521	Standard Deviation : 0.0698	Mileage: 41.0	FDI: 24.7
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Instantaneous Frequency		
Max	50.225	18:02:00
Min	49.673	22:11:40

15 minute Average Frequency		
Max	50.074	8:00:00
Min	49.808	22:15:00

No. of excursions	
above 50.03 Hz	131
below 49.97 Hz	134
above 50.00 Hz	146
below 50.00 Hz	143

Average time freq per excursion remains	
below 49.97	0:04:00
above 50.03	0:02:38

No. of hours freq outside 49.9-50.05 Hz	5:56:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)