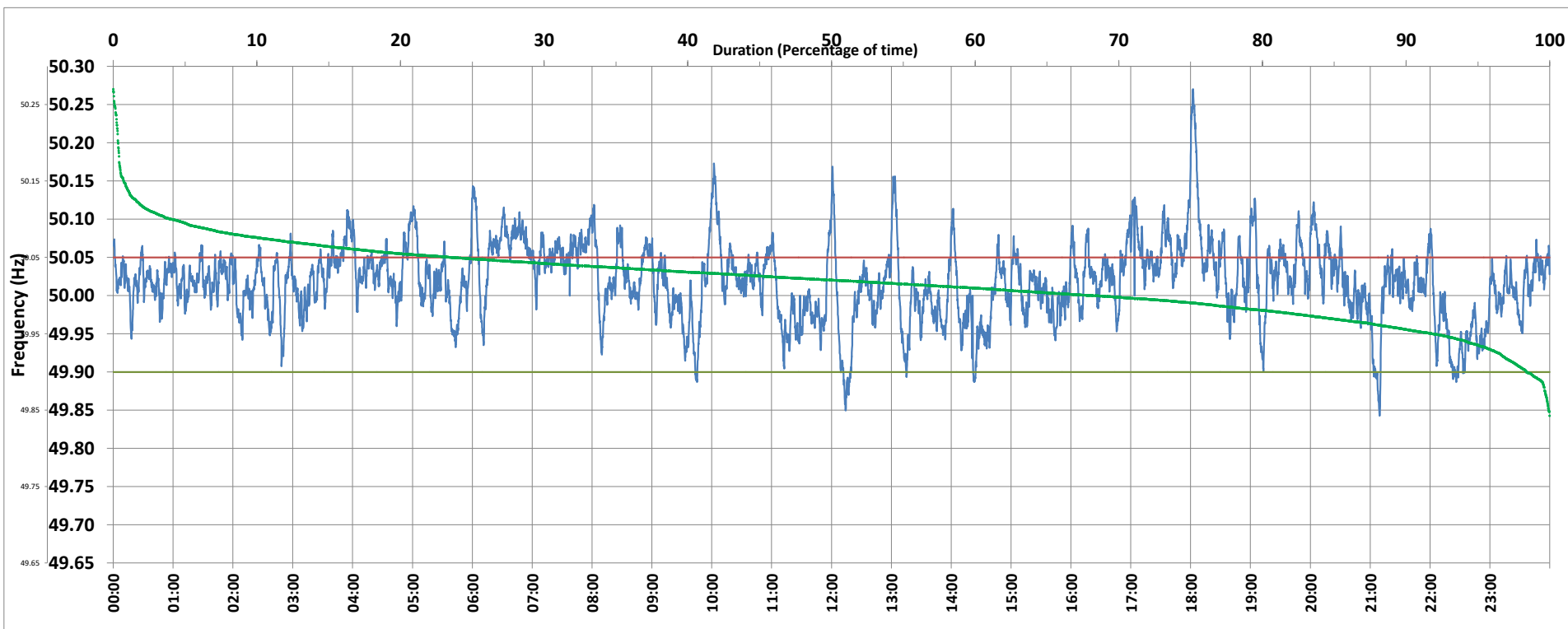


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-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	1.62	15.24	0.00	1.62	30.01	64.29	3.73	74.84	99.65	43.96	19.57	68.19	40.80	23.54	0.35	8.14	68.32	6.52

Average Frequency : 50.019	Frequency Variation Index : 0.0278	Standard Deviation : 0.0493	Mileage: 41.6	FDI: 25.2
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Instantaneous Frequency		
Max	50.270	18:02:20
Min	49.843	21:09:20

15 minute Average Frequency		
Max	50.138	18:15:00
Min	49.922	22:30:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	80
above 50.00 Hz	170
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:02:45
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	6:02:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)