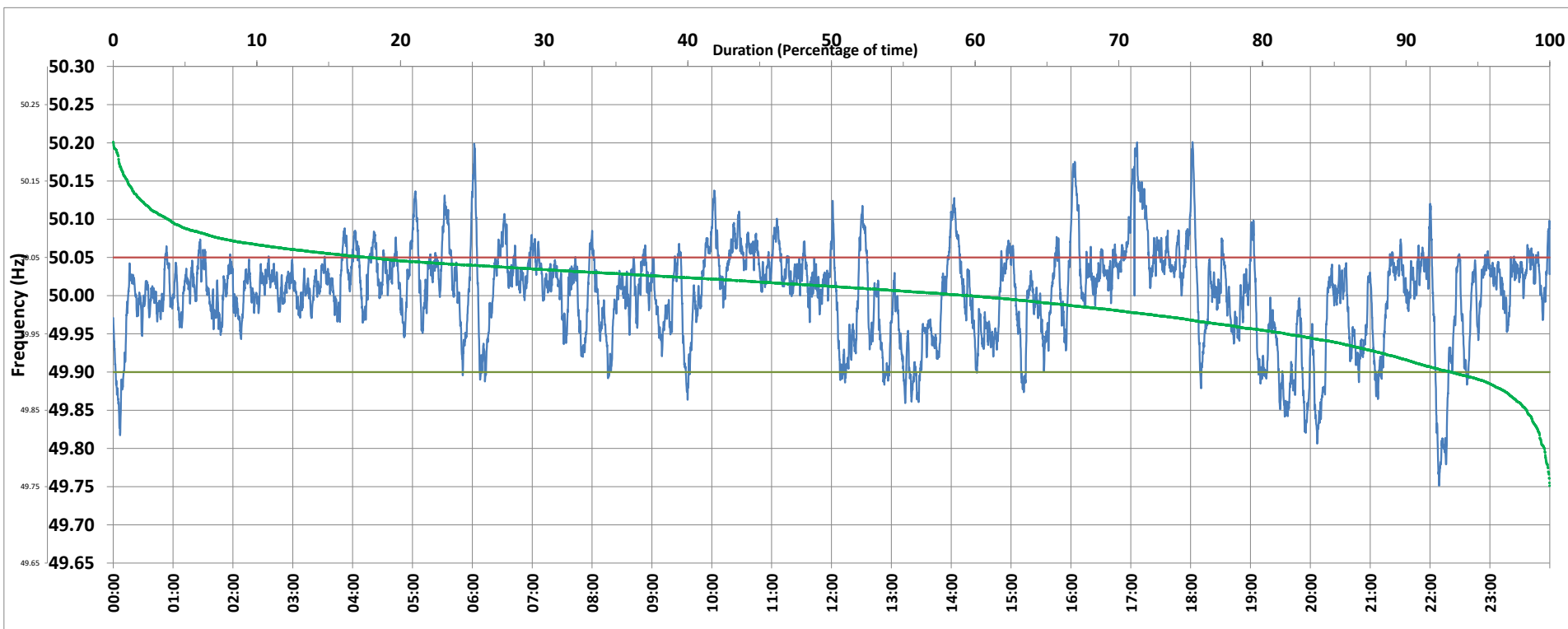


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-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	6.83	25.61	0.37	6.46	33.52	55.83	3.80	75.42	99.98	40.59	14.02	59.48	33.80	17.75	0.02	18.38	63.87	11.55

Average Frequency : 50.002	Frequency Variation Index : 0.0376	Standard Deviation : 0.0614	Mileage: 43.1	FDI: 24.6
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Instantaneous Frequency		
Max	50.201	18:01:50
Min	49.751	22:09:00

15 minute Average Frequency		
Max	50.144	17:15:00
Min	49.873	20:15:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	76
above 50.00 Hz	134
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:04:51
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	5:54:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)