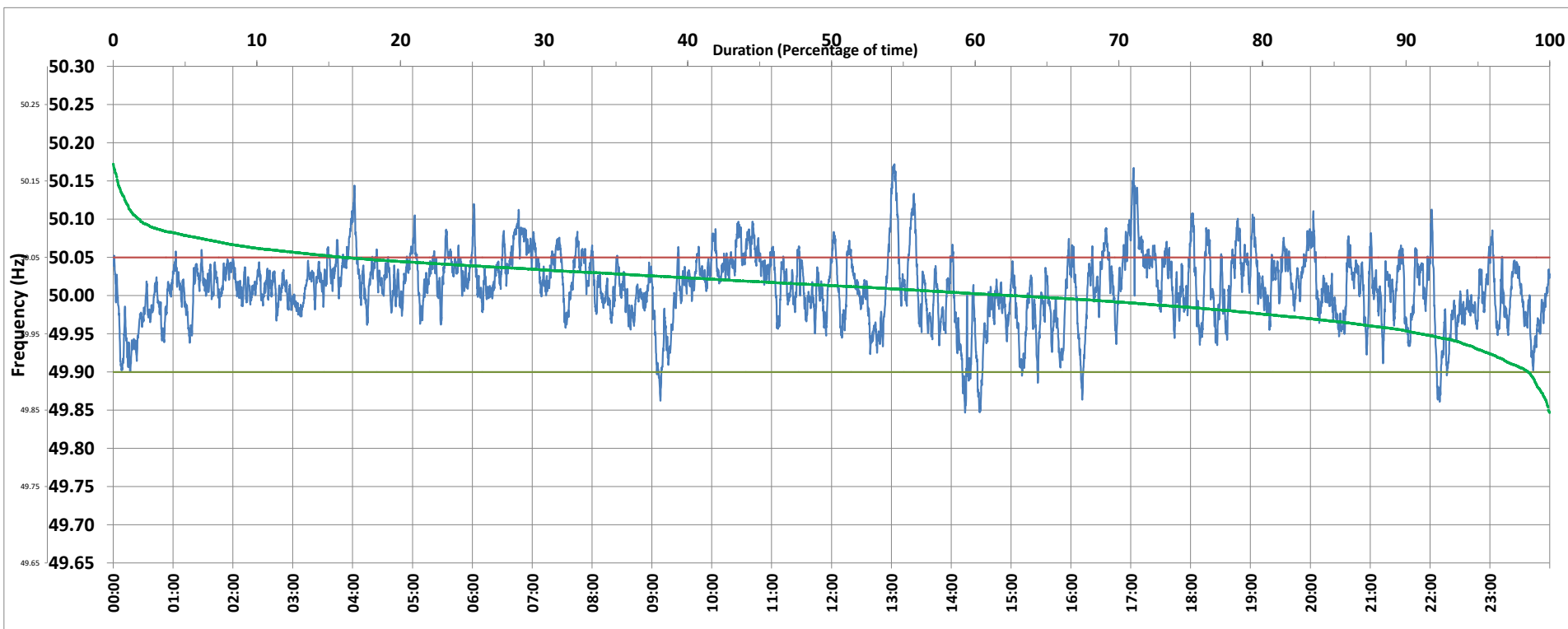


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-May-2020 (Saturday)



<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	1.50	16.71	0.00	1.50	35.78	60.91	1.81	82.49	100.00	49.68	14.34	62.55	33.61	16.01	0.00	8.96	75.03	7.45

Average Frequency : 50.010	Frequency Variation Index : 0.0213	Standard Deviation : 0.0449	Mileage: 41.6	FDI: 17.5
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Instantaneous Frequency		
Max	50.172	13:03:10
Min	49.847	14:13:50

15 minute Average Frequency		
Max	50.091	17:15:00
Min	49.919	14:30:00

No. of excursions	
above 50.03 Hz	190
below 49.97 Hz	112
above 50.00 Hz	189
below 50.00 Hz	190

Average time freq per excursion remains	
below 49.97	0:02:09
above 50.03	0:02:33

No. of hours freq outside 49.9-50.05 Hz	4:12:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)