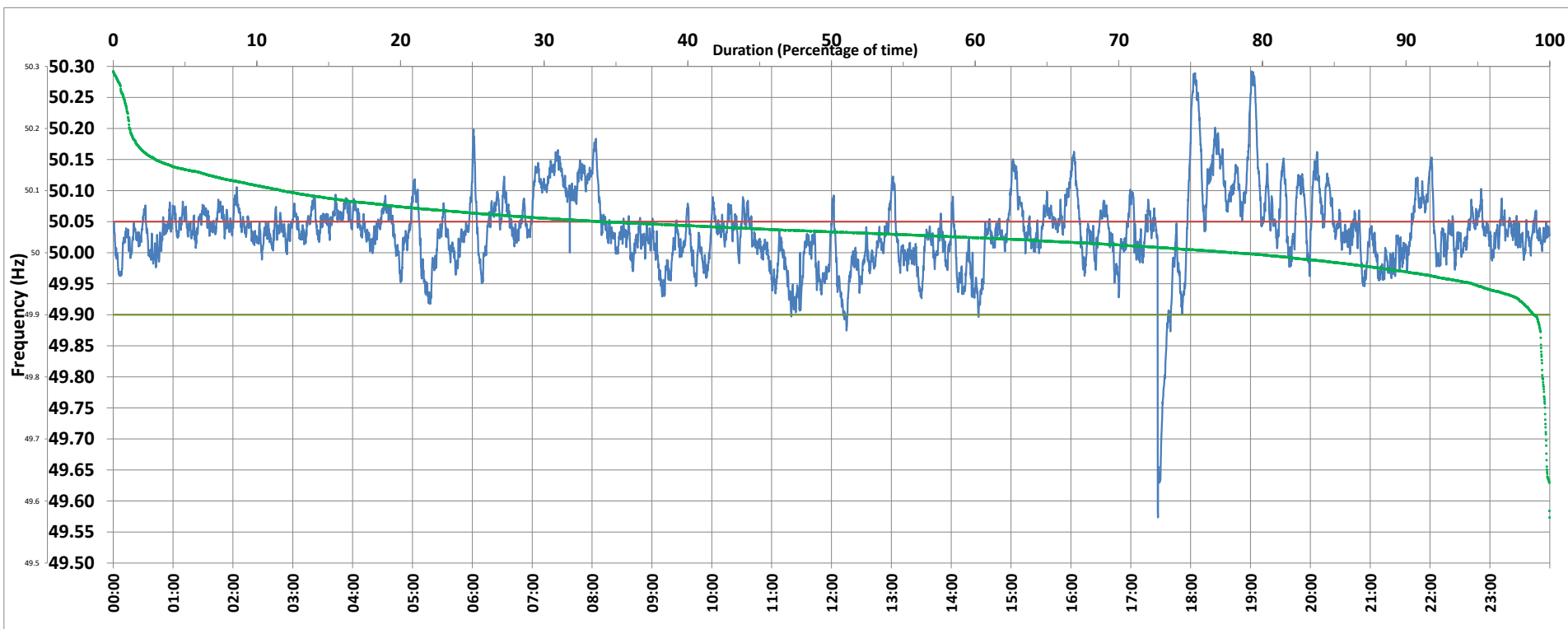


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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
0.25	1.10	10.21	0.25	0.59	20.89	66.27	10.60	64.98	98.61	35.87	22.26	77.82	53.92	33.92	1.13	5.42	60.66	4.32

Average Frequency : 50.036	Frequency Variation Index : 0.0501	Standard Deviation : 0.0613	Mileage: 43.4	FDI: 35.0
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Instantaneous Frequency		
Max	50.292	19:01:00
Min	49.573	17:27:10

15 minute Average Frequency		
Max	50.195	18:15:00
Min	49.869	17:45:00

No. of excursions	
above 50.03 Hz	223
below 49.97 Hz	61
above 50.00 Hz	125
below 50.00 Hz	123

Average time freq per excursion remains	
below 49.97	0:02:25
above 50.03	0:03:29

No. of hours freq outside 49.9-50.05 Hz	8:24:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)