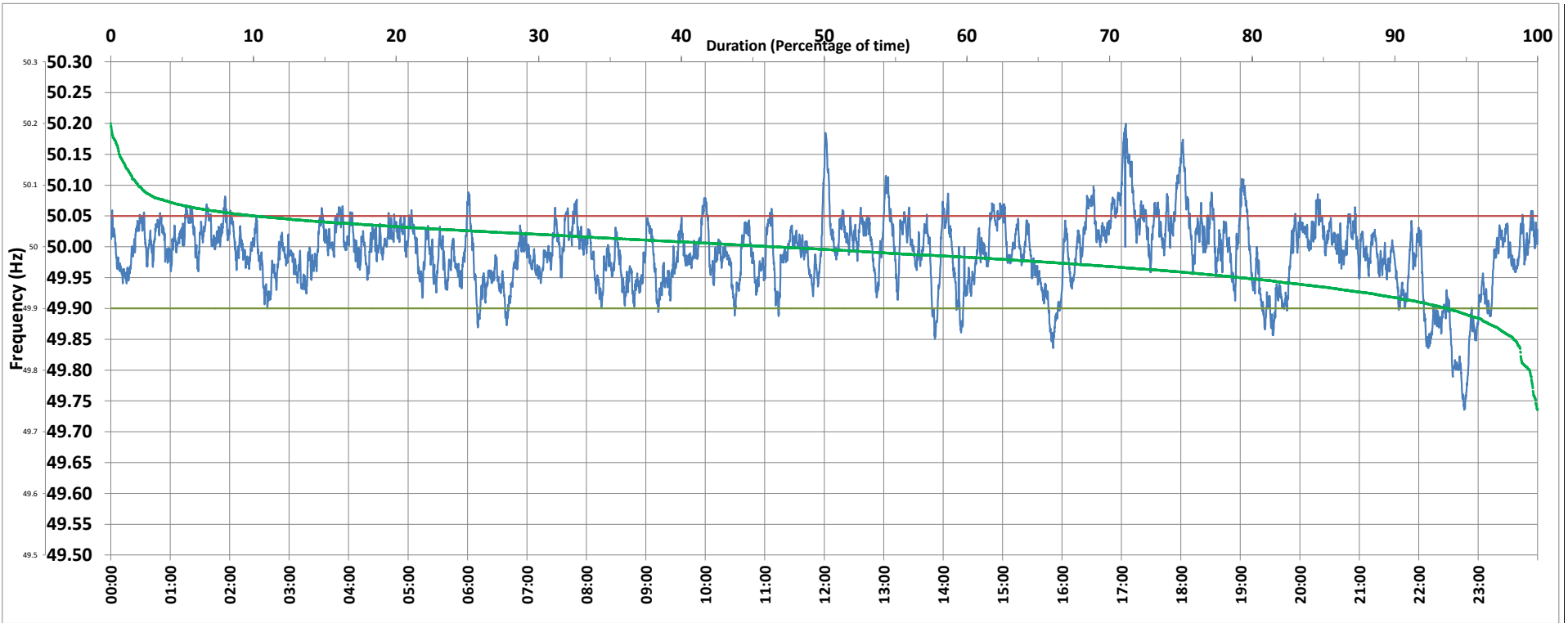


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-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	6.26	31.13	0.57	5.69	47.06	44.76	1.92	83.72	100.00	46.89	8.18	46.49	21.98	10.02	0.00	20.81	69.17	14.55

Average Frequency : 49.990	Frequency Variation Index : 0.0334	Standard Deviation : 0.0569	Mileage: 43.8	FDI: 16.3
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Instantaneous Frequency		
Max	50.200	17:04:20
Min	49.735	22:45:50

15 minute Average Frequency		
Max	50.122	17:15:00
Min	49.817	22:45:00

No. of excursions	
above 50.03 Hz	164
below 49.97 Hz	125
above 50.00 Hz	164
below 50.00 Hz	165

Average time freq per excursion remains	
below 49.97	0:03:35
above 50.03	0:01:56

No. of hours freq outside 49.9-50.05 Hz	3:54:30
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)