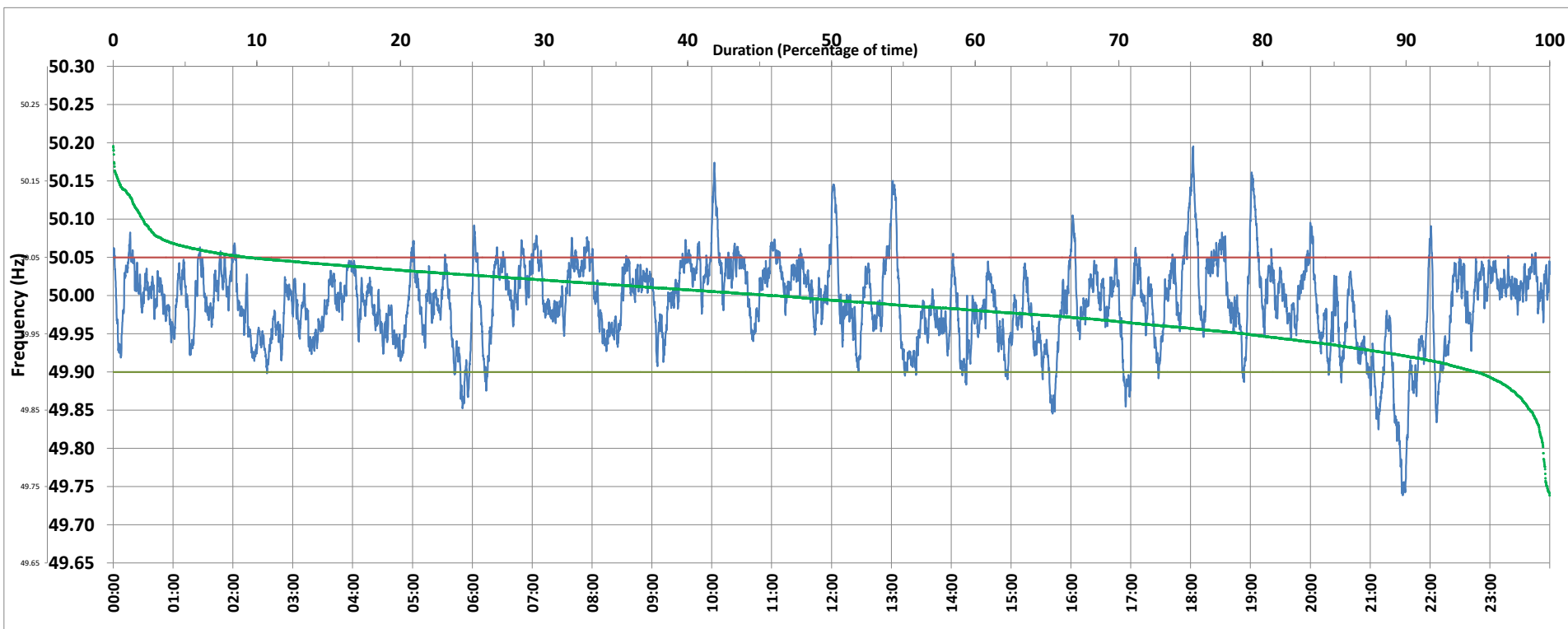


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-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	5.10	32.30	0.45	4.65	48.85	43.98	2.06	85.57	100.00	45.24	7.36	45.88	22.45	9.33	0.00	21.17	69.50	16.06

Average Frequency : 49.990	Frequency Variation Index : 0.0311	Standard Deviation : 0.0549	Mileage: 41.8	FDI: 14.4
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Instantaneous Frequency		
Max	50.196	18:02:30
Min	49.739	21:32:30

15 minute Average Frequency		
Max	50.070	10:15:00
Min	49.825	21:45:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	133
above 50.00 Hz	166
below 50.00 Hz	166

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:09

No. of hours freq outside 49.9-50.05 Hz	3:27:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)