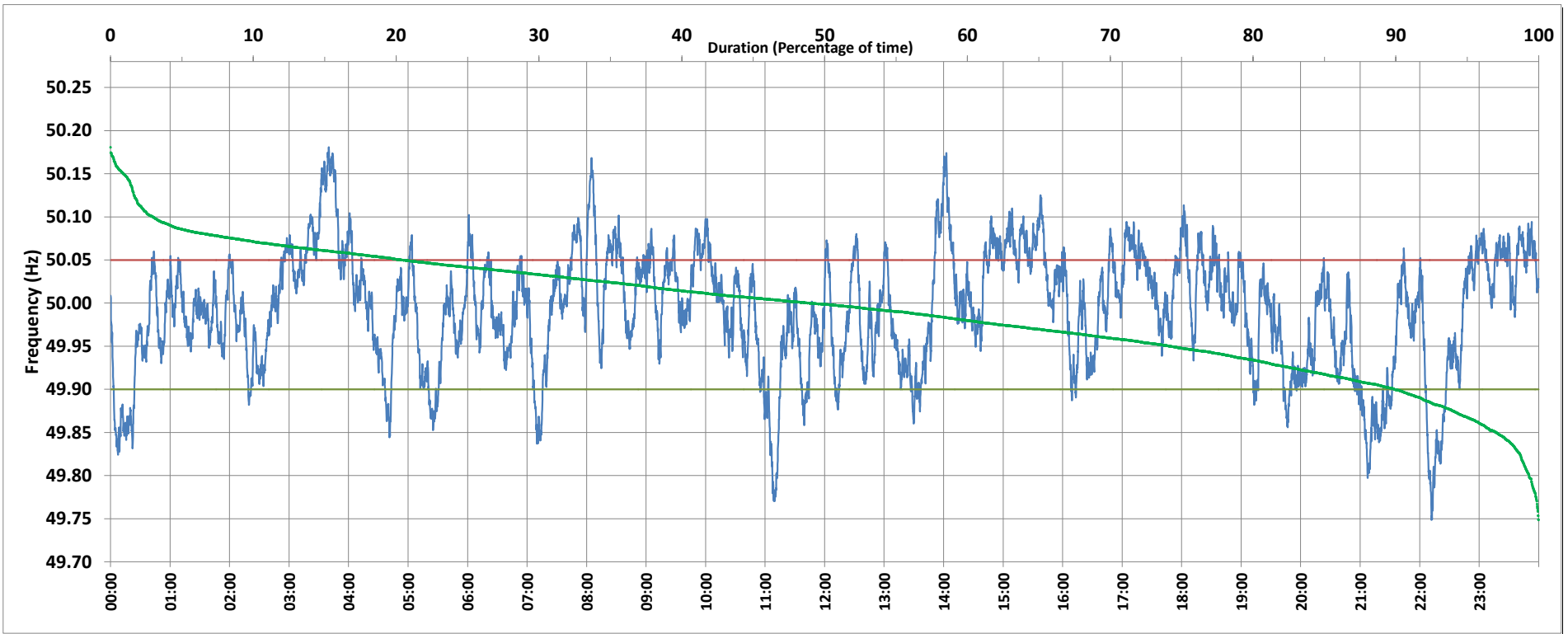


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jun-2019 (Sunday)



<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	10.08	35.10	0.67	9.41	40.86	46.08	2.99	69.53	100.00	33.11	17.48	48.96	31.78	20.39	0.00	25.78	53.83	15.69

Average Frequency : 49.992	Frequency Variation Index : 0.0477	Standard Deviation : 0.0685	Mileage: 45.6	FDI: 30.5
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Instantaneous Frequency		
Max	50.181	3:40:00
Min	49.749	22:12:00

15 minute Average Frequency		
Max	50.147	3:45:00
Min	49.836	11:15:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	120
above 50.00 Hz	147
below 50.00 Hz	150

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:03:35

No. of hours freq outside 49.9-50.05 Hz	7:18:50
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)