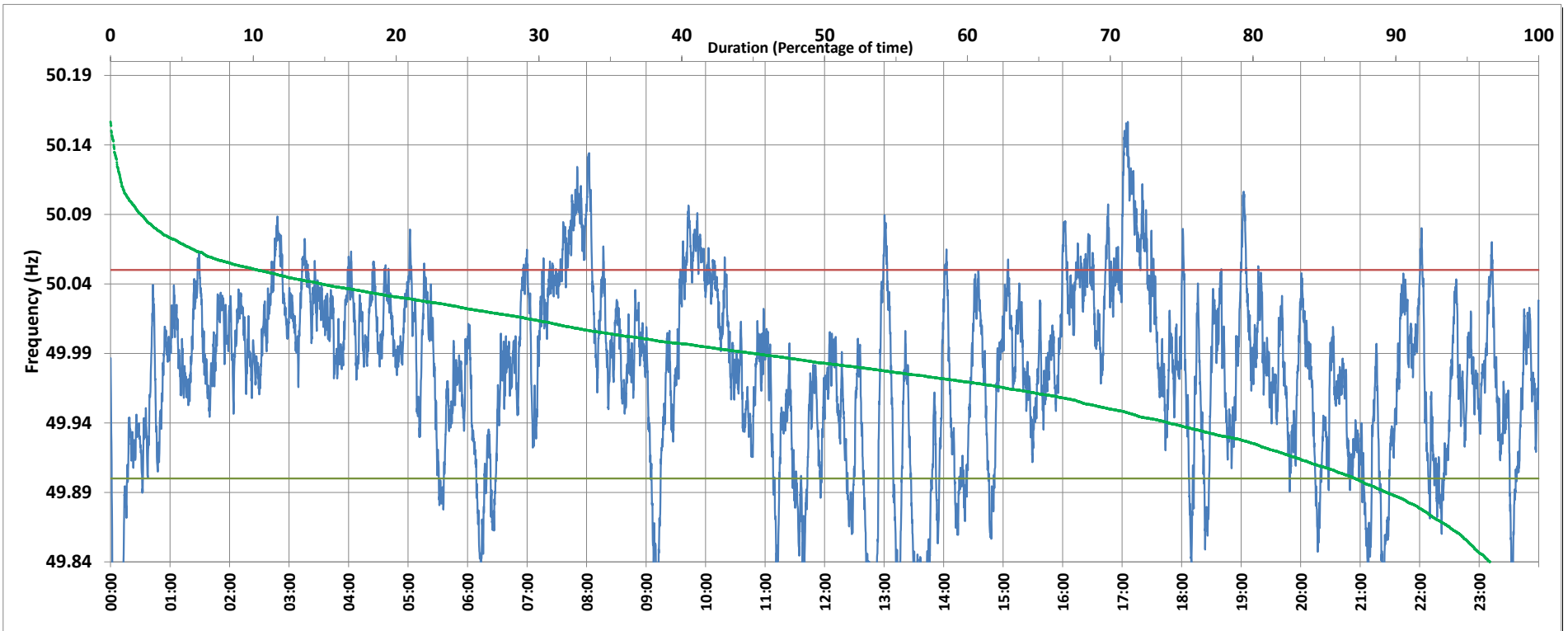


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jun-2019 (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	12.81	40.37	1.32	11.49	49.31	36.56	1.32	76.88	100.00	39.19	9.03	37.85	20.44	10.31	0.00	29.95	59.73	17.14

Average Frequency : 49.976	Frequency Variation Index : 0.0487	Standard Deviation : 0.0656	Mileage: 45.8	FDI: 23.1
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Instantaneous Frequency		
Max	50.157	17:05:40
Min	49.718	0:04:10

15 minute Average Frequency		
Max	50.116	17:15:00
Min	49.798	0:15:00

No. of excursions	
above 50.03 Hz	118
below 49.97 Hz	148
above 50.00 Hz	159
below 50.00 Hz	159

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:33:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)