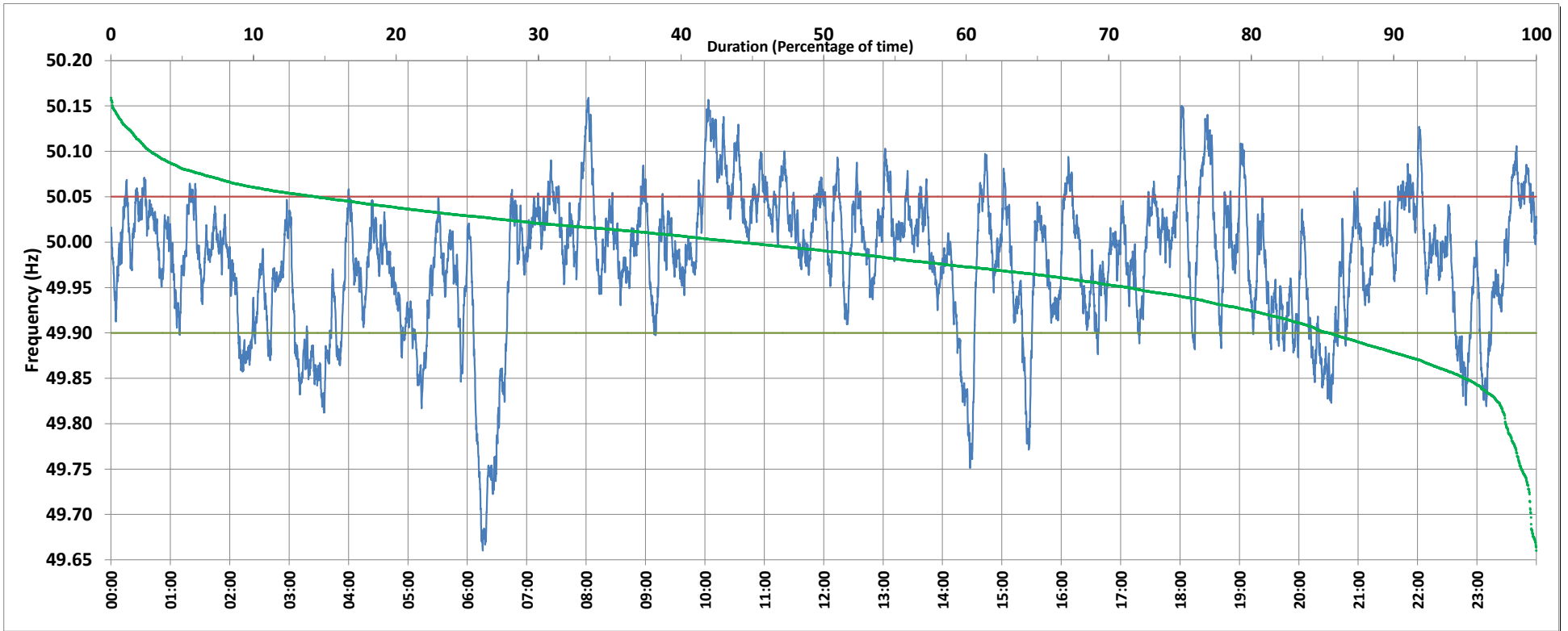


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jul-2019 (Tuesday)



<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
0.38	14.54	38.24	1.77	12.38	41.33	41.34	2.79	71.06	99.62	37.43	11.63	44.05	24.33	14.40	0.00	28.61	56.99	14.07

Average Frequency : 49.980	Frequency Variation Index : 0.0584	Standard Deviation : 0.0737	Mileage: 45.3	FDI: 28.9
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Instantaneous Frequency		
Max	50.159	8:02:20
Min	49.660	6:15:30

15 minute Average Frequency		
Max	50.117	10:15:00
Min	49.724	6:30:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	124
above 50.00 Hz	140
below 50.00 Hz	139

Average time freq per excursion remains	
below 49.97	0:04:26
above 50.03	0:02:39

No. of hours freq outside 49.9-50.05 Hz	6:56:40
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)