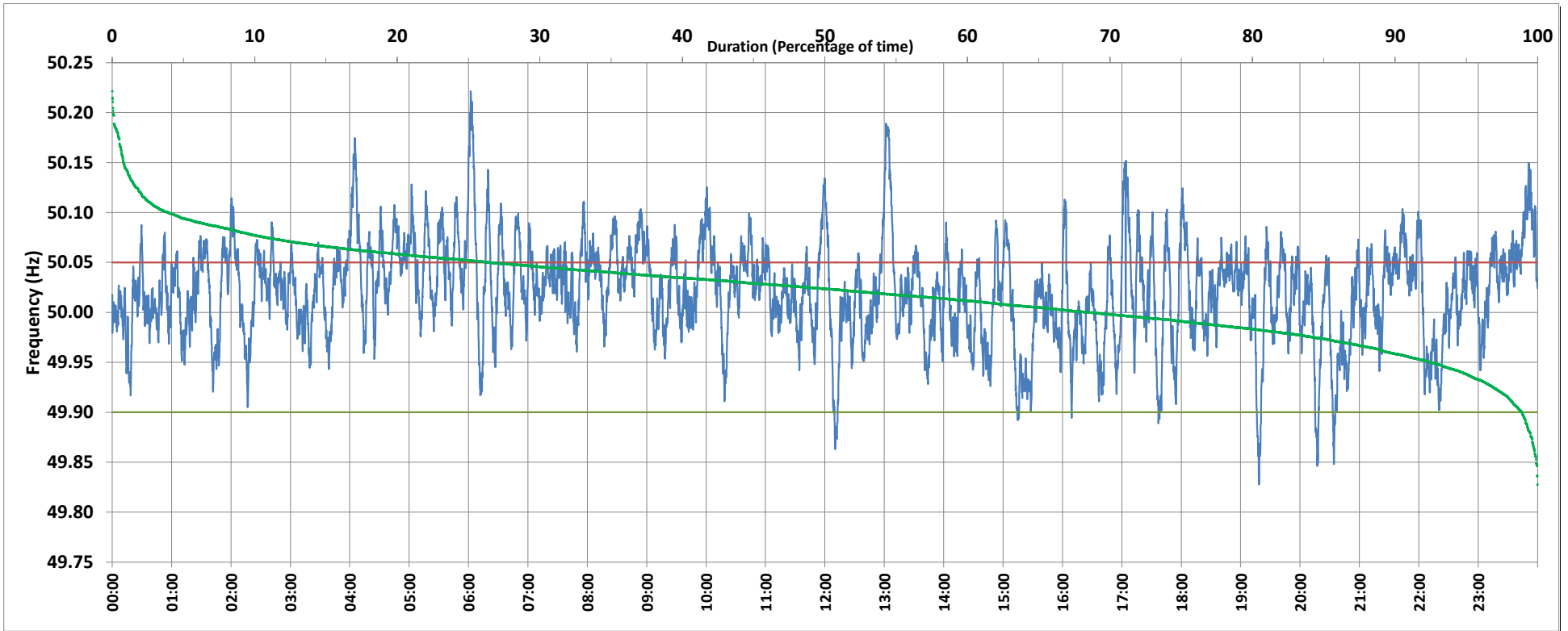


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Nov-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	1.11	13.65	0.00	1.11	30.20	64.73	3.89	72.47	99.93	42.09	22.53	68.48	44.26	26.42	0.07	7.47	66.11	6.35

Average Frequency : 50.021	Frequency Variation Index : 0.0278	Standard Deviation : 0.0485	Mileage: 53.0	FDI: 27.5
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Instantaneous Frequency		
Max	50.222	6:02:10
Min	49.828	19:18:30

15 minute Average Frequency		
Max	50.095	0:00:00
Min	49.929	15:30:00

No. of excursions	
above 50.03 Hz	231
below 49.97 Hz	96
above 50.00 Hz	200
below 50.00 Hz	199

Average time freq per excursion remains	
below 49.97	0:02:03
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	6:36:30
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)