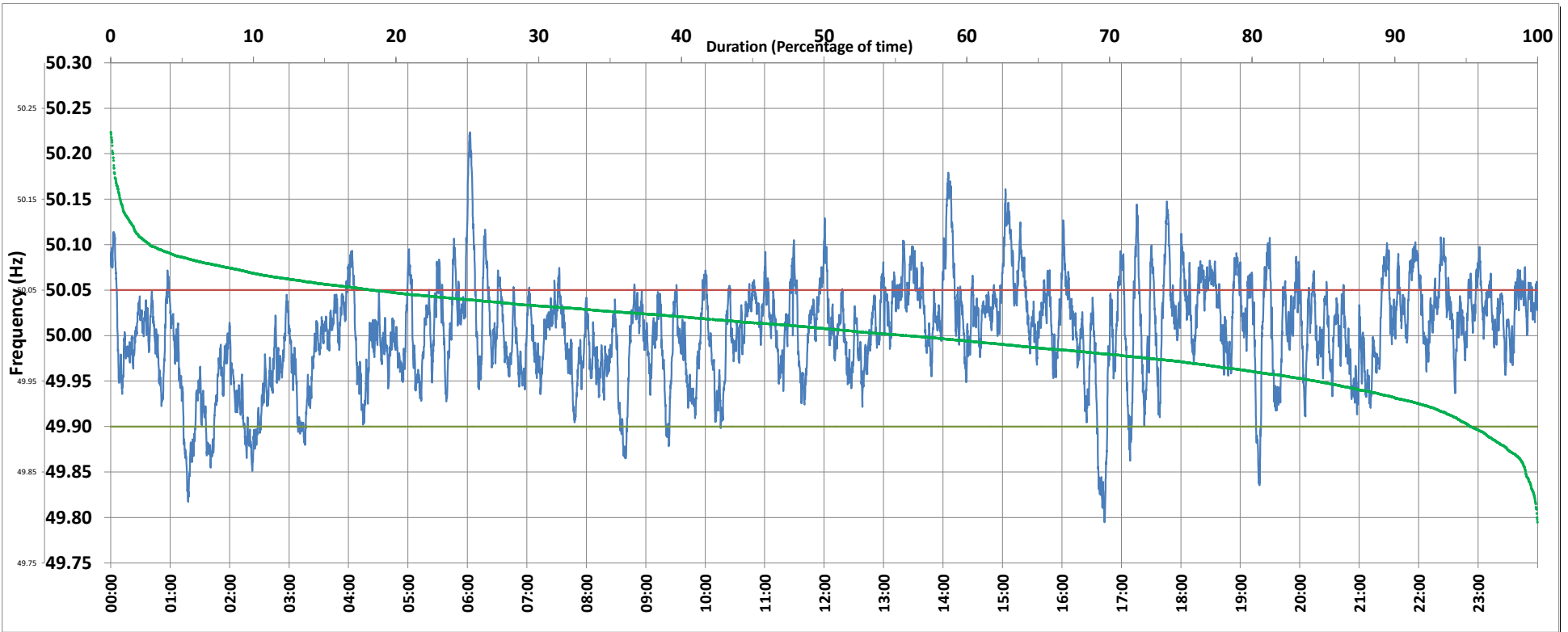


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Dec-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	4.71	24.34	0.05	4.66	39.35	53.22	2.55	76.93	99.83	43.19	15.73	55.75	32.47	18.36	0.17	15.47	66.17	10.76

Average Frequency : 50.004	Frequency Variation Index : 0.0312	Standard Deviation : 0.0558	Mileage: 50.3	FDI: 23.1
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Instantaneous Frequency		
Max	50.224	6:02:30
Min	49.795	16:42:50

15 minute Average Frequency		
Max	50.101	14:15:00
Min	49.885	1:30:00

No. of excursions	
above 50.03 Hz	202
below 49.97 Hz	133
above 50.00 Hz	186
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:02:38
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	5:32:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)