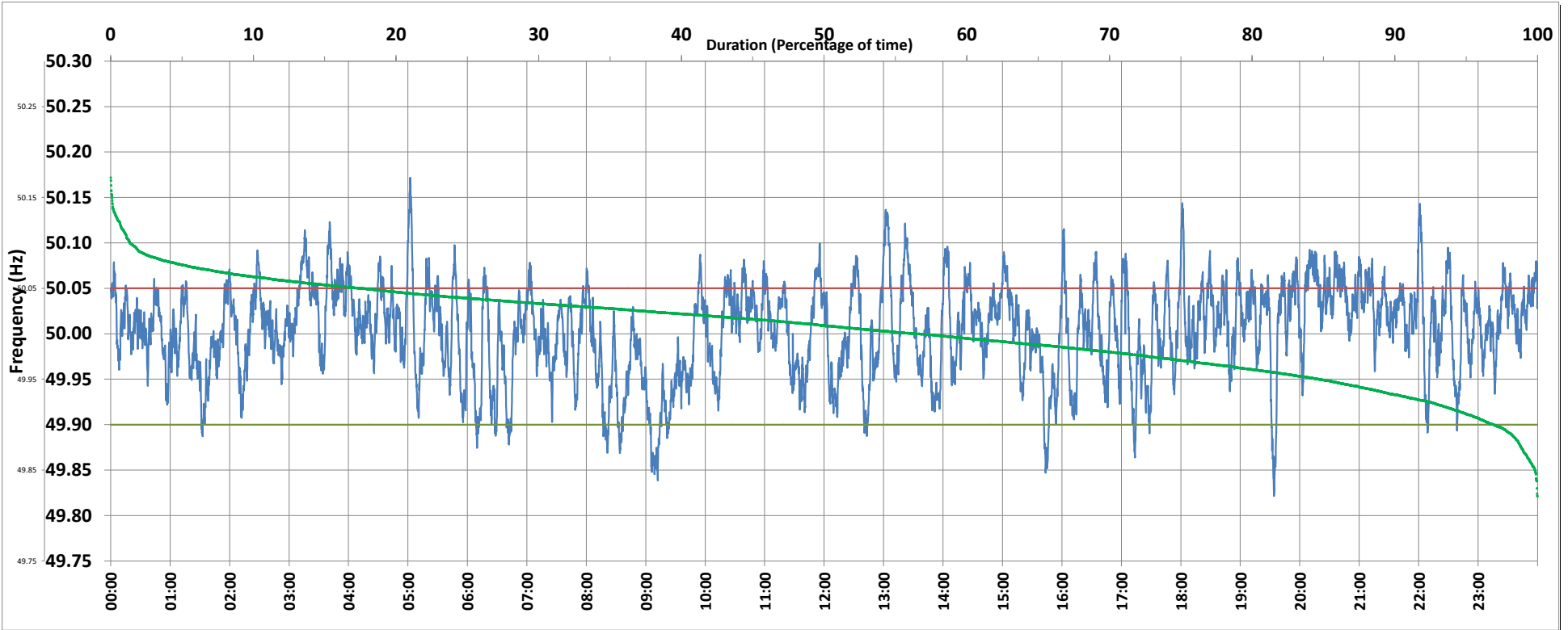


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 02-Dec-2019 (Monday)



<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	3.07	24.47	0.00	3.07	40.29	55.30	1.34	79.36	100.00	42.55	16.27	56.46	32.99	17.57	0.00	15.31	67.12	12.25

Average Frequency : 50.003	Frequency Variation Index : 0.0256	Standard Deviation : 0.0505	Mileage: 51.5	FDI: 20.6
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Instantaneous Frequency		
Max	50.172	5:02:10
Min	49.821	19:34:00

15 minute Average Frequency		
Max	50.059	3:30:00
Min	49.884	9:15:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	130
above 50.00 Hz	204
below 50.00 Hz	204

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	4:57:10
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)