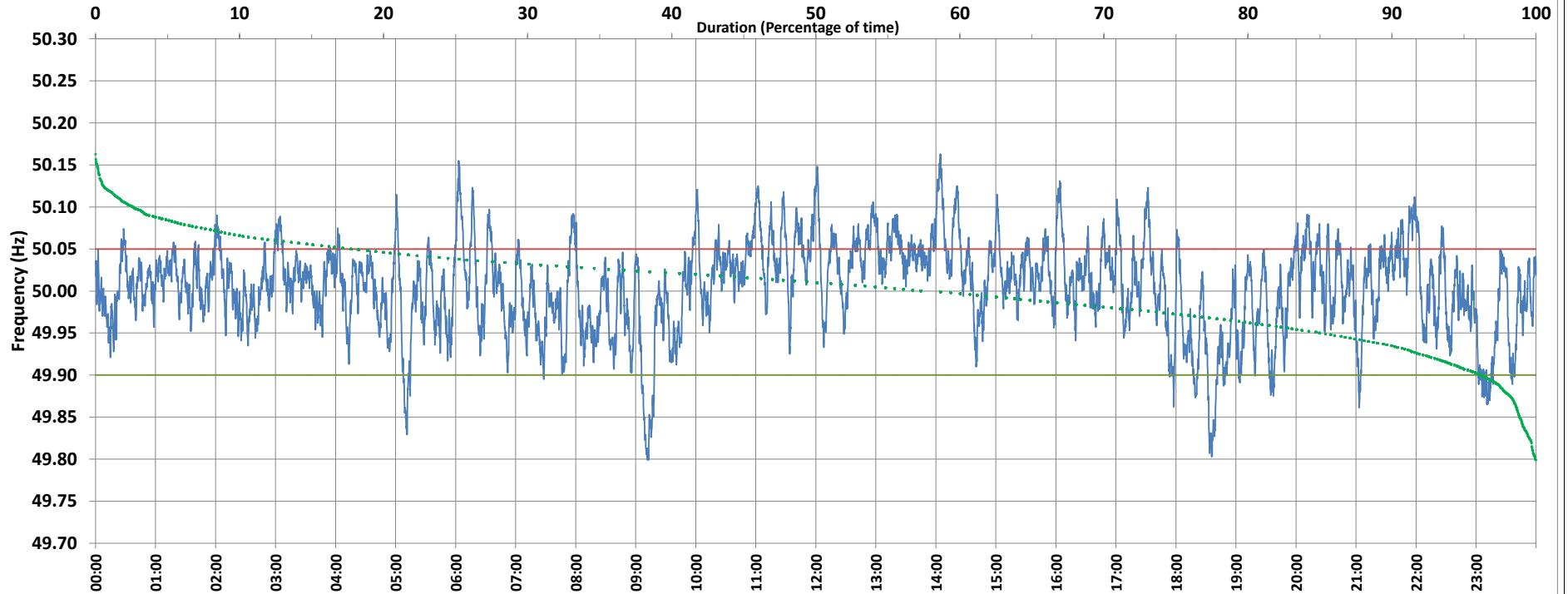


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Dec-2020 (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	3.70	23.21	0.02	3.68	37.64	55.98	2.67	78.55	100.00	44.79	15.65	57.29	32.00	17.74	0.00	14.62	67.64	10.91

Average Frequency : 50.004	Frequency Variation Index : 0.0289	Standard Deviation : 0.0536	Mileage: 52.0	FDI: 21.4
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Instantaneous Frequency		
Max	50.163	14:04:30
Min	49.799	9:11:50

15 minute Average Frequency		
Max	50.084	14:15:00
Min	49.875	18:45:00

No. of excursions	
above 50.03 Hz	184
below 49.97 Hz	125
above 50.00 Hz	124
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:02:40
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	5:08:50
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Source : JABALPUR:Frequency 10 Sec. (8640 samples)