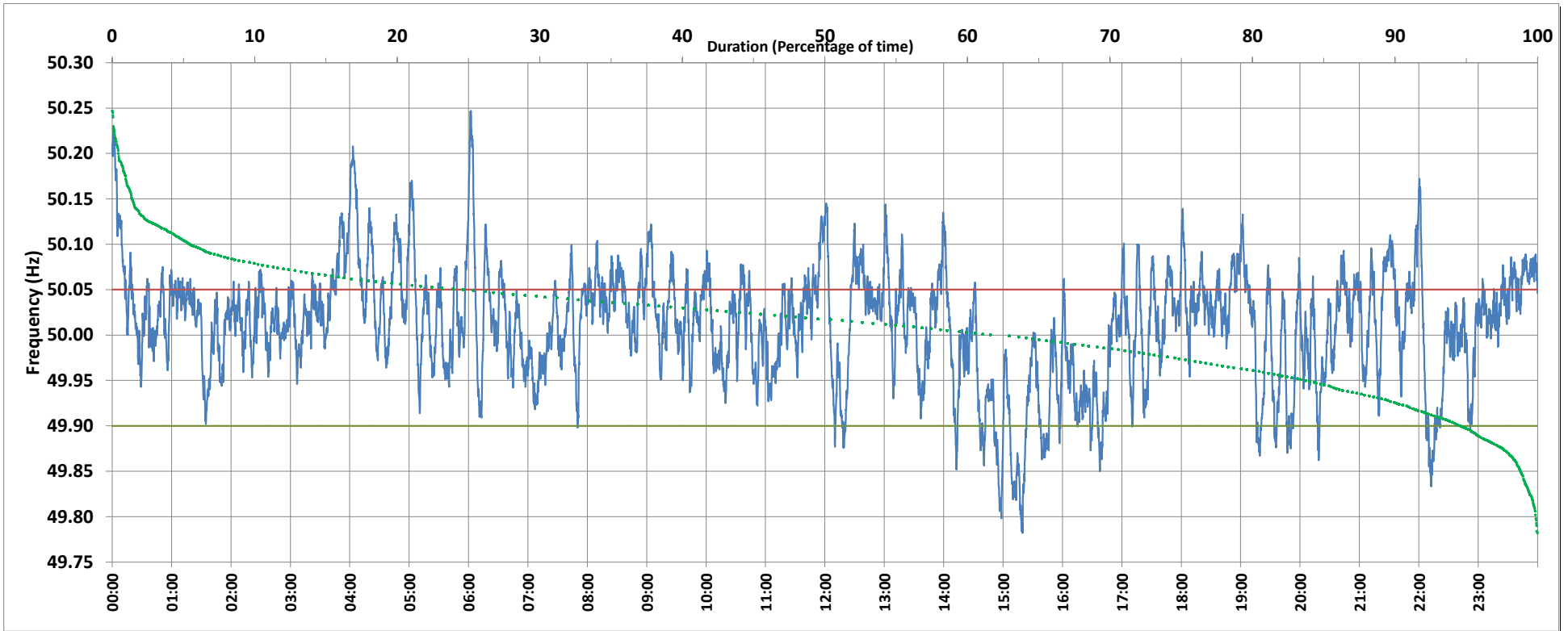


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 05-Dec-2019 (Thursday)



<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	5.30	23.29	0.13	5.17	31.76	57.40	5.09	70.08	99.55	36.68	19.90	61.60	40.03	24.62	0.45	16.00	59.39	10.69

Average Frequency : 50.011	Frequency Variation Index : 0.0407	Standard Deviation : 0.0629	Mileage: 52.1	FDI: 29.9
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Instantaneous Frequency		
Max	50.247	6:02:10
Min	49.782	15:19:40

15 minute Average Frequency		
Max	50.126	0:15:00
Min	49.884	15:30:00

No. of excursions	
above 50.03 Hz	188
below 49.97 Hz	85
above 50.00 Hz	104
below 50.00 Hz	119

Average time freq per excursion remains	
below 49.97	0:03:57
above 50.03	0:03:04

No. of hours freq outside 49.9-50.05 Hz	7:10:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)