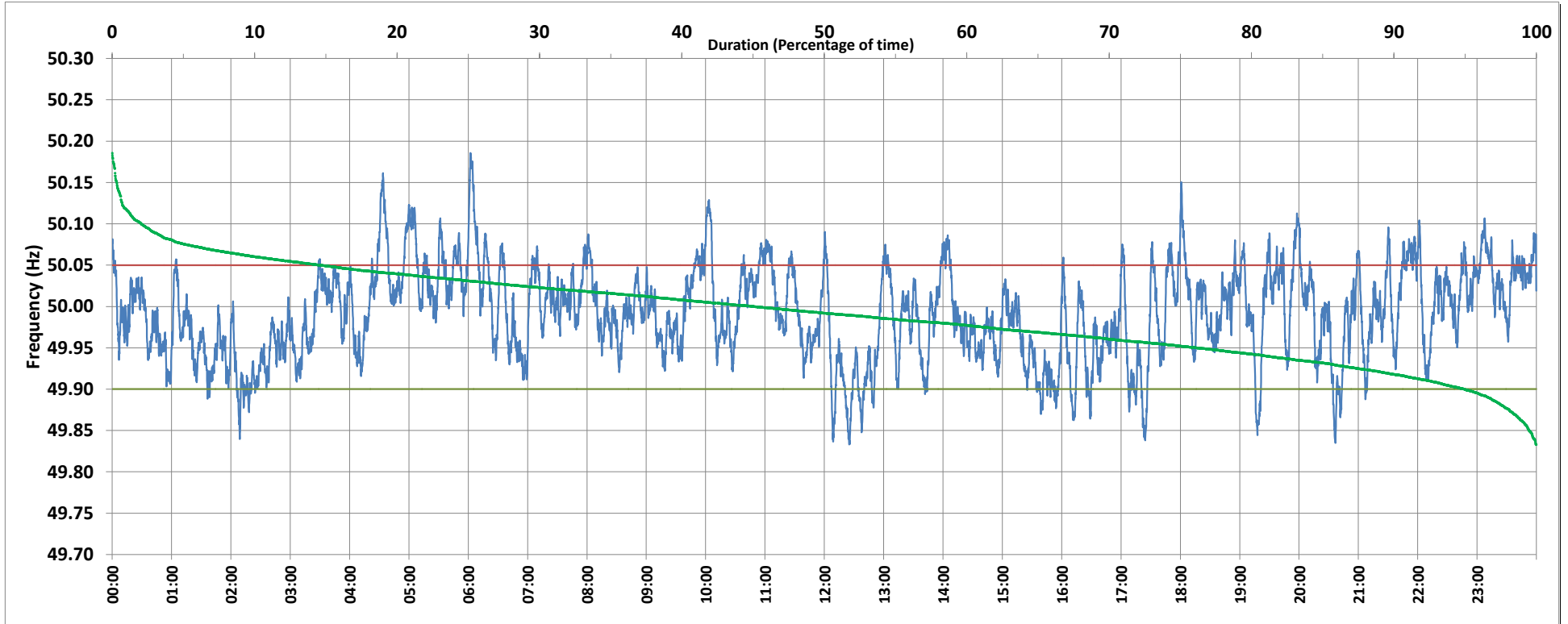


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-Dec-2018 (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	5.03	35.76	0.00	5.03	49.85	43.08	2.04	80.36	100.00	38.55	12.60	45.09	25.68	14.61	0.00	23.80	61.60	18.76

Average Frequency : 49.991	Frequency Variation Index : 0.0316	Standard Deviation : 0.0555	Mileage: 45.4	FDI: 19.6
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Instantaneous Frequency		
Max	50.186	6:02:10
Min	49.833	12:25:10

15 minute Average Frequency		
Max	50.091	6:15:00
Min	49.893	12:30:00

No. of excursions	
above 50.03 Hz	134
below 49.97 Hz	138
above 50.00 Hz	147
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:03:44
above 50.03	0:02:46

No. of hours freq outside 49.9-50.05 Hz	4:42:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)