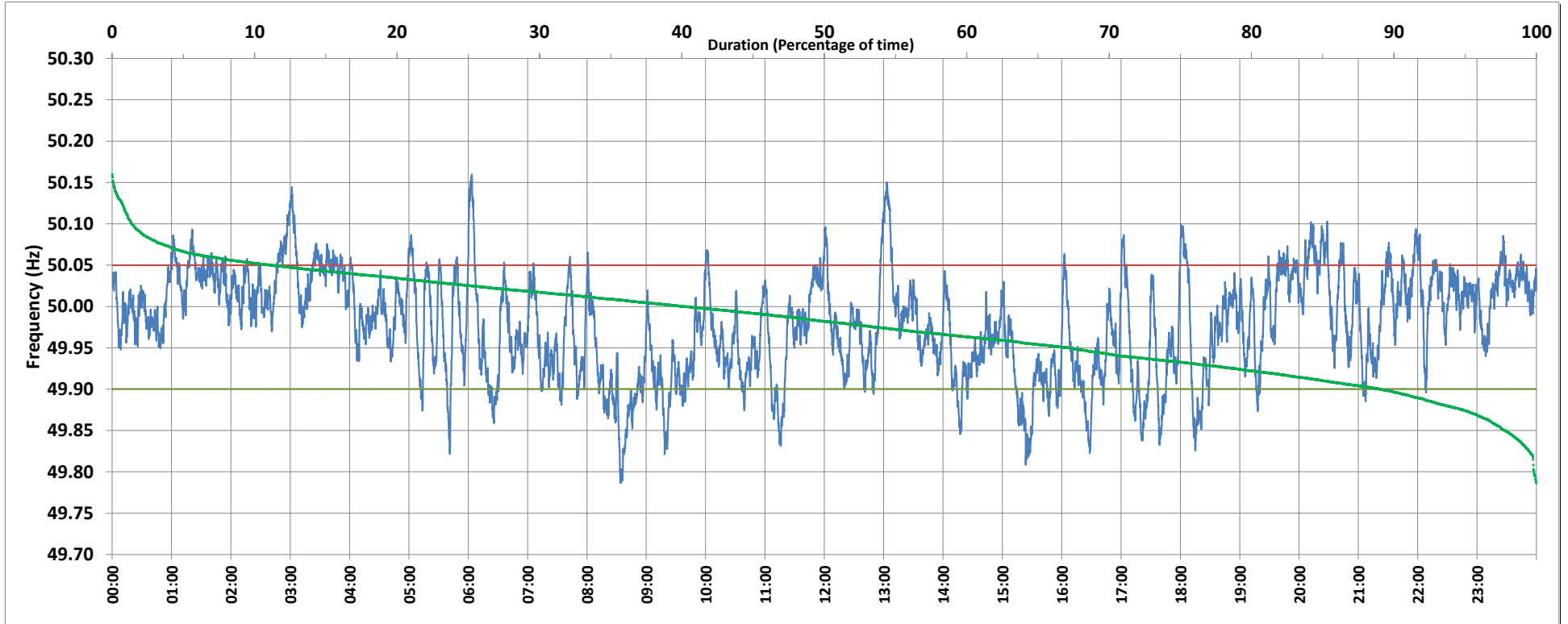


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Dec-2018 (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	11.00	43.81	0.17	10.82	48.75	38.89	1.37	77.86	100.00	33.87	9.84	40.16	22.33	11.15	0.00	32.77	56.09	21.77

Average Frequency : 49.978	Frequency Variation Index : 0.0426	Standard Deviation : 0.0615	Mileage: 46.8	FDI: 22.1
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Instantaneous Frequency		
Max	50.160	6:03:30
Min	49.787	8:34:00

15 minute Average Frequency		
Max	50.072	3:00:00
Min	49.851	8:45:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	121
above 50.00 Hz	137
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:05:13
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:18:50
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Source : HISSAR:Frequency 10 Sec. (8640 samples)