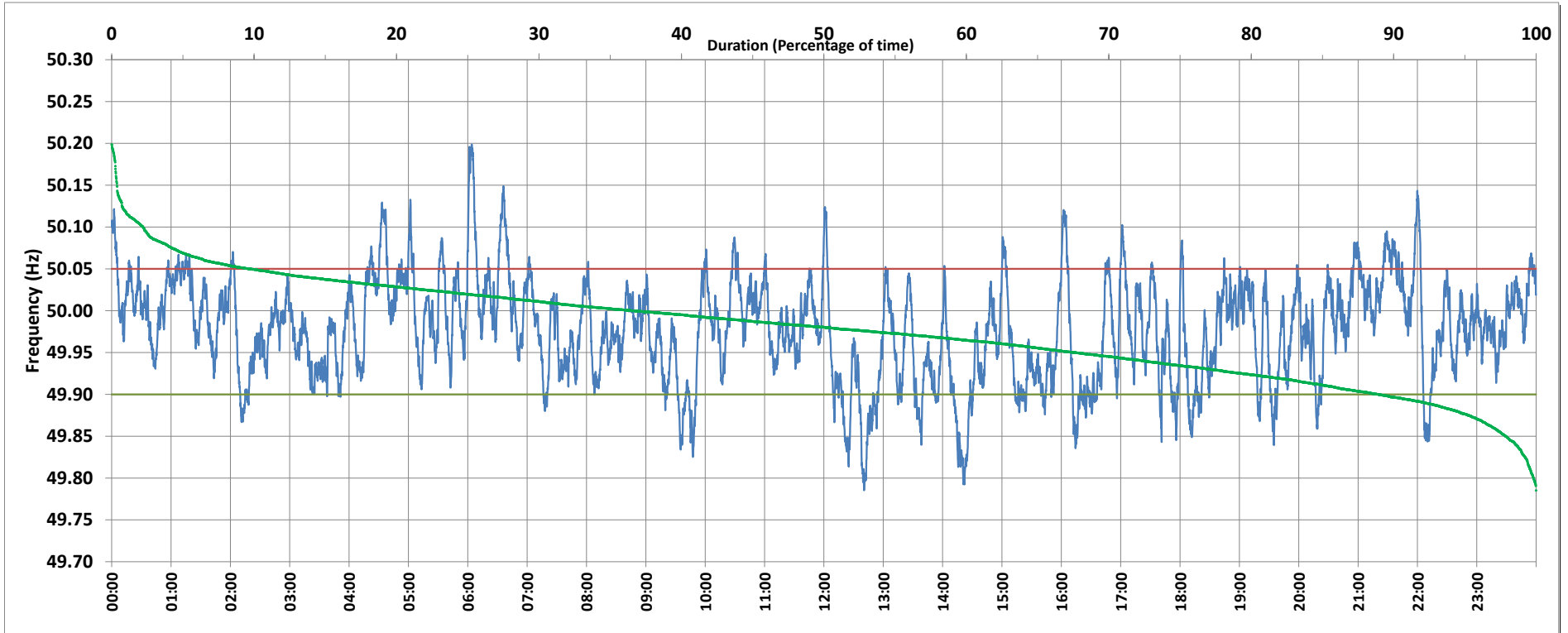


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	11.03	43.07	0.19	10.84	52.30	34.46	2.21	79.26	100.00	37.69	7.53	36.56	19.25	9.71	0.00	32.33	57.96	21.30

Average Frequency : 49.977	Frequency Variation Index : 0.0423	Standard Deviation : 0.0608	Mileage: 46.3	FDI: 20.7
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Instantaneous Frequency		
Max	50.199	6:04:00
Min	49.785	12:40:30

15 minute Average Frequency		
Max	50.089	6:15:00
Min	49.842	14:30:00

No. of excursions	
above 50.03 Hz	132
below 49.97 Hz	147
above 50.00 Hz	154
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:02:06

No. of hours freq outside 49.9-50.05 Hz	4:58:40
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Source : HISSAR:Frequency 10 Sec. (8640 samples)