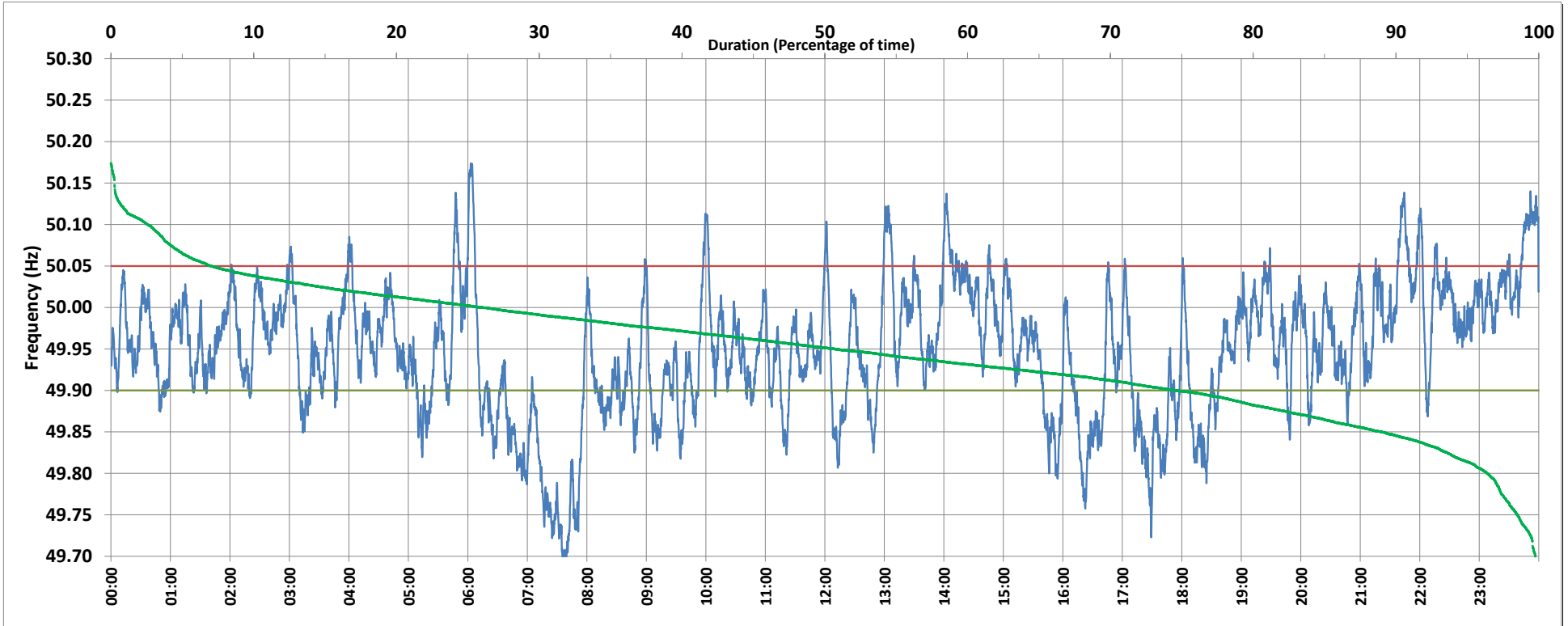


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Dec-2018 (Friday)



<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
0.23	25.35	59.13	3.38	21.74	48.56	23.48	2.60	67.64	99.77	28.02	4.41	26.01	12.85	7.01	0.00	49.26	43.73	23.91

Average Frequency : 49.947	Frequency Variation Index : 0.0890	Standard Deviation : 0.0782	Mileage: 46.6	FDI: 32.4
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Instantaneous Frequency		
Max	50.174	6:02:50
Min	49.684	7:38:00

15 minute Average Frequency		
Max	50.107	0:00:00
Min	49.729	7:45:00

No. of excursions	
above 50.03 Hz	91
below 49.97 Hz	117
above 50.00 Hz	107
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:07:17
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	7:46:00
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Source : SLPR4:Frequency 10 Sec. (8640 samples)