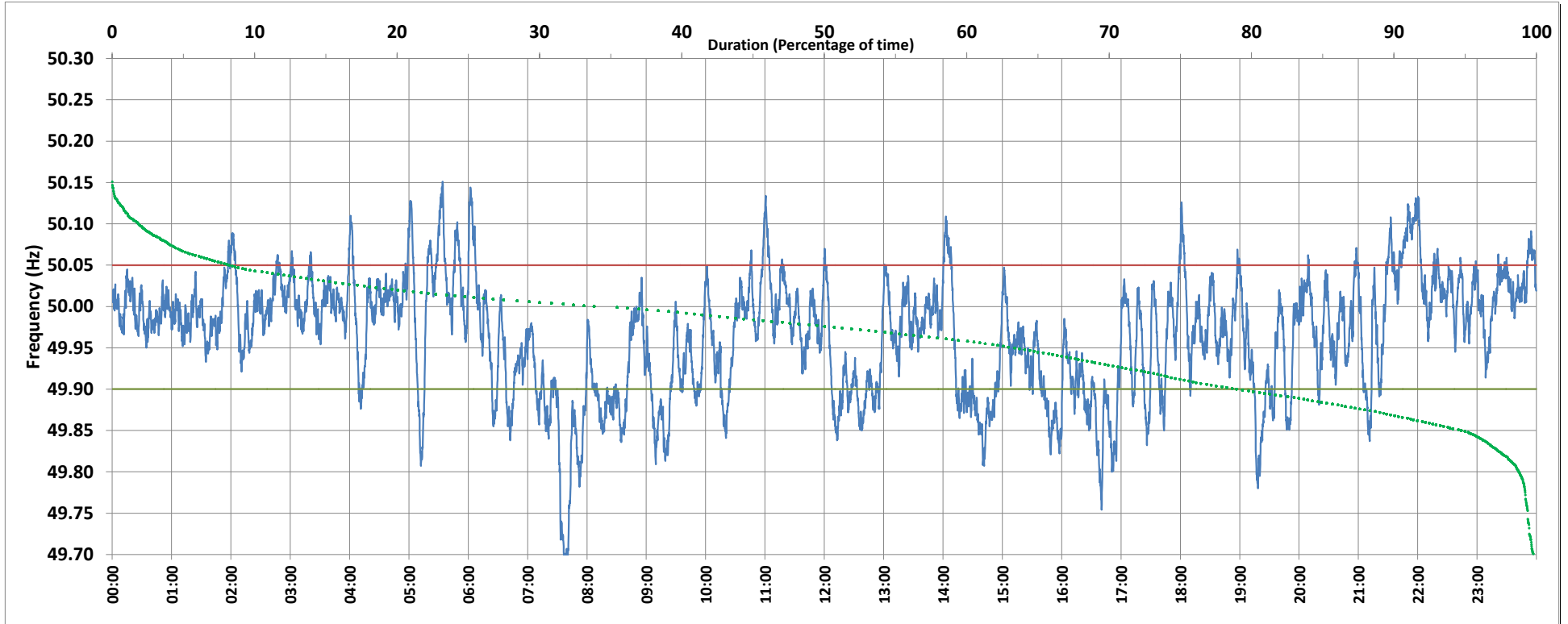


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Dec-2018 (Wednesday)



<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
0.20	20.64	45.74	1.00	19.44	43.91	33.56	1.89	71.16	99.80	38.99	6.60	33.82	15.27	8.21	0.00	36.31	55.49	15.67

Average Frequency : 49.965	Frequency Variation Index : 0.0620	Standard Deviation : 0.0704	Mileage: 46.1	FDI: 28.8
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Instantaneous Frequency		
Max	50.151	5:34:00
Min	49.685	7:37:10

15 minute Average Frequency		
Max	50.099	22:00:00
Min	49.757	7:45:00

No. of excursions	
above 50.03 Hz	88
below 49.97 Hz	106
above 50.00 Hz	117
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:06:13
above 50.03	0:02:30

No. of hours freq outside 49.9-50.05 Hz	6:55:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)