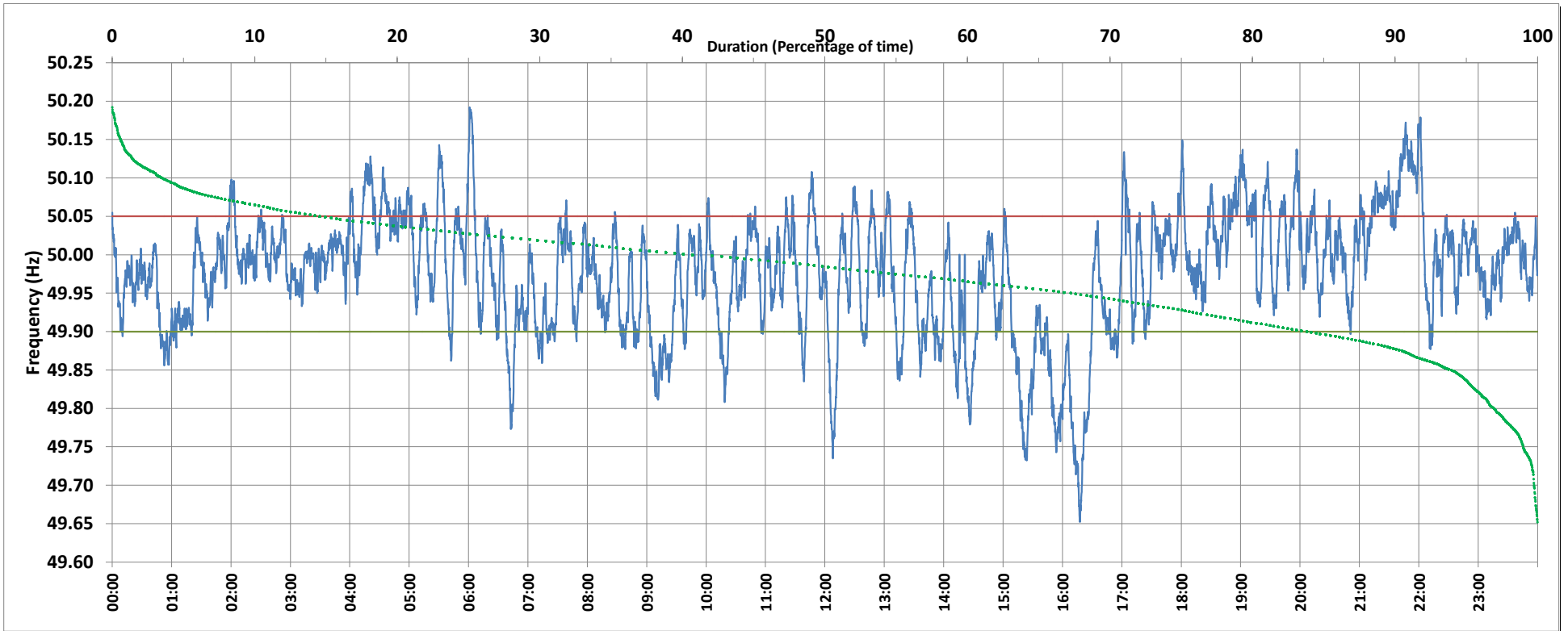


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Dec-2019 (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
0.24	15.89	41.82	2.77	12.88	42.03	38.50	3.59	69.56	99.76	34.54	11.44	40.72	23.65	14.55	0.00	32.41	53.04	16.52

Average Frequency : 49.976	Frequency Variation Index : 0.0664	Standard Deviation : 0.0778	Mileage: 53.4	FDI: 30.4
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Instantaneous Frequency		
Max	50.192	6:01:10
Min	49.652	16:17:40

15 minute Average Frequency		
Max	50.126	22:00:00
Min	49.764	16:30:00

No. of excursions	
above 50.03 Hz	121
below 49.97 Hz	125
above 50.00 Hz	118
below 50.00 Hz	112

Average time freq per excursion remains	
below 49.97	0:04:49
above 50.03	0:02:49

No. of hours freq outside 49.9-50.05 Hz	7:18:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)