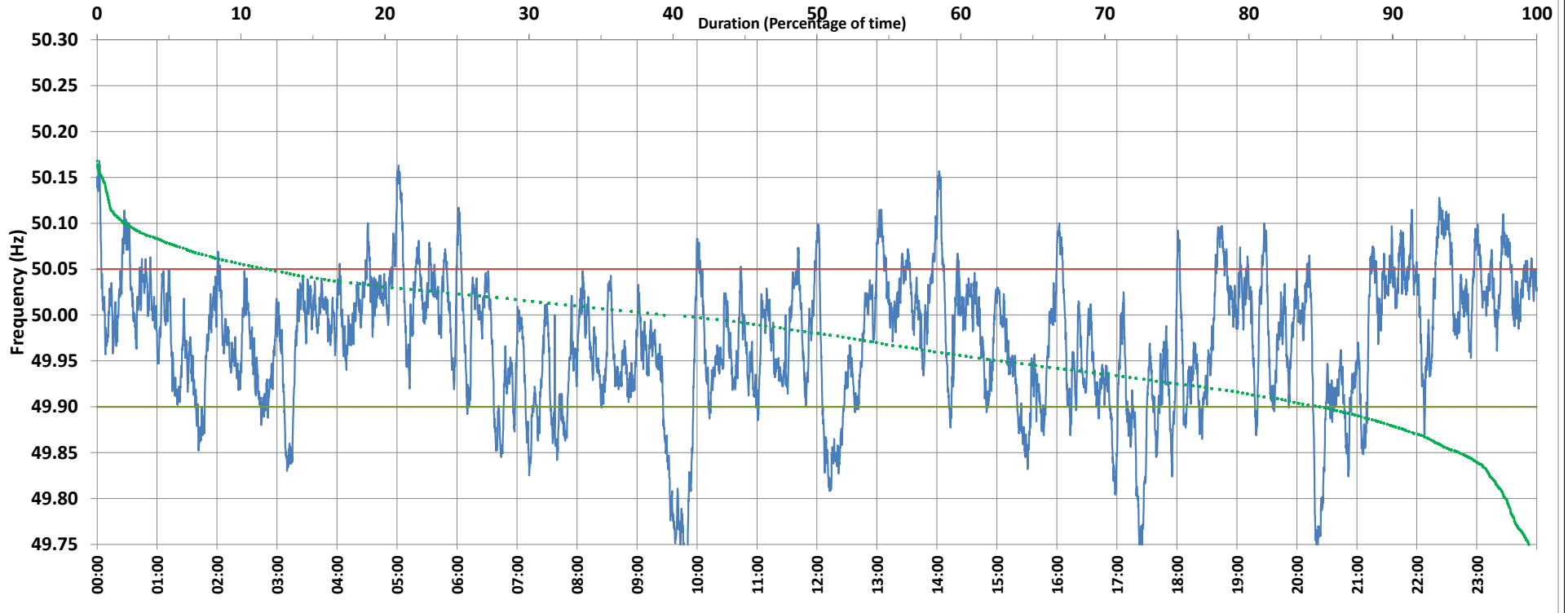


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Dec-2019 (Monday)



<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	14.73	45.49	2.13	12.60	44.47	38.81	1.99	73.51	100.00	34.05	10.19	39.38	20.46	11.76	0.00	36.82	51.42	22.08

Average Frequency : 49.972	Frequency Variation Index : 0.0599	Standard Deviation : 0.0722	Mileage: 51.9	FDI: 26.5
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Instantaneous Frequency		
Max	50.168	0:02:10
Min	49.720	9:48:20

15 minute Average Frequency		
Max	50.075	22:30:00
Min	49.789	9:45:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	91
above 50.00 Hz	125
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:07:12
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	6:21:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)