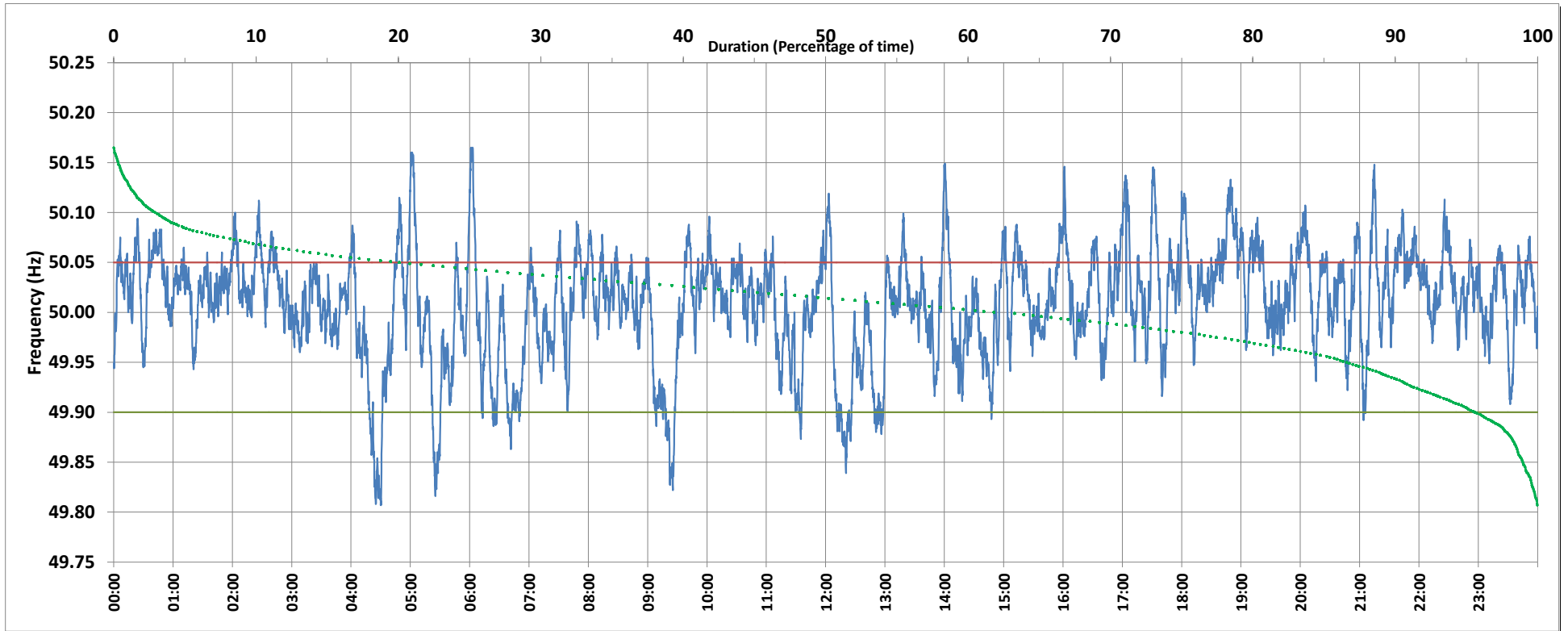


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Nov-2019 (Thursday)



<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	4.26	19.91	0.00	4.26	32.49	60.22	3.03	75.68	100.00	43.72	17.91	61.82	36.38	20.06	0.00	13.23	66.71	8.97

Average Frequency : 50.009	Frequency Variation Index : 0.0302	Standard Deviation : 0.0543	Mileage: 51.1	FDI: 24.3
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Instantaneous Frequency		
Max	50.165	6:01:20
Min	49.807	4:30:00

15 minute Average Frequency		
Max	50.089	19:00:00
Min	49.871	4:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	100
above 50.00 Hz	127
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:02:52
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	5:50:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)