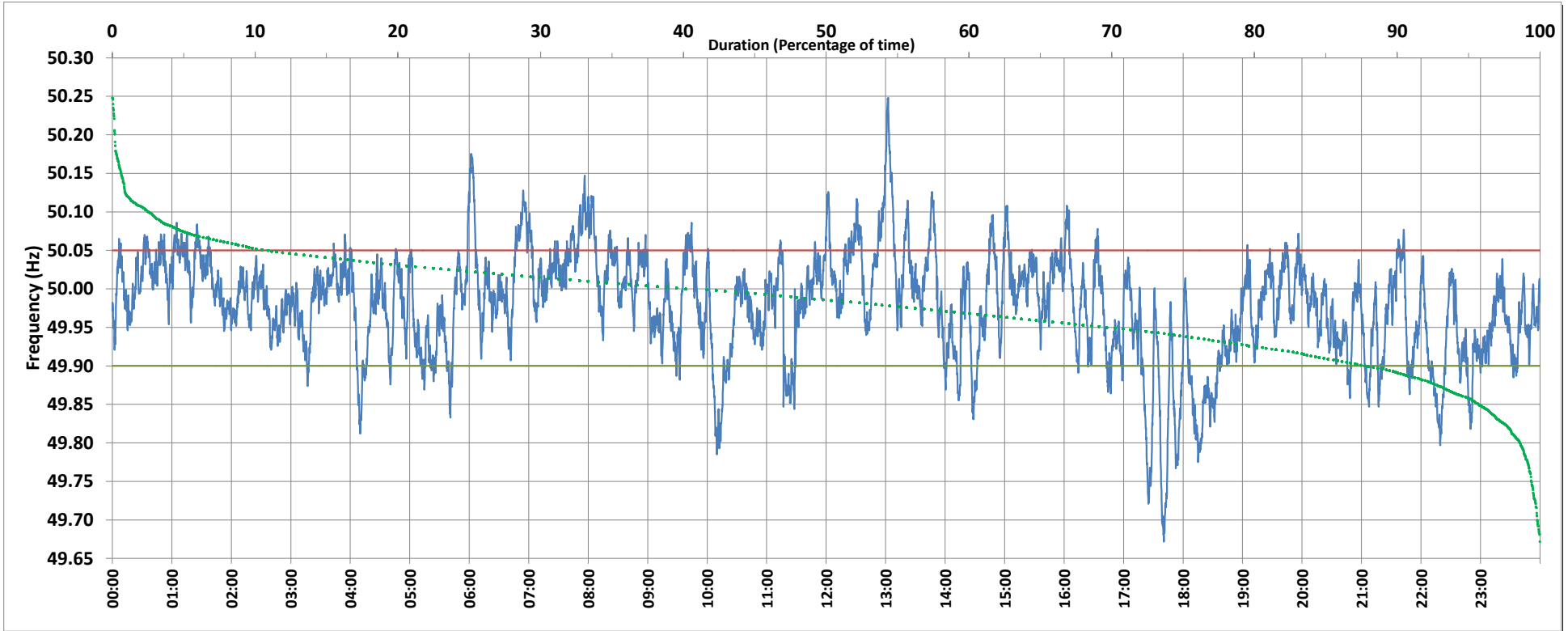


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-Nov-2019 (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
0.19	12.03	40.41	1.19	10.65	46.33	39.04	2.42	77.07	99.63	38.99	8.62	40.16	20.60	10.90	0.19	29.78	59.32	17.75

Average Frequency : 49.978	Frequency Variation Index : 0.0517	Standard Deviation : 0.0685	Mileage: 55.5	FDI: 22.9
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Instantaneous Frequency		
Max	50.248	13:02:20
Min	49.672	17:40:30

15 minute Average Frequency		
Max	50.095	13:15:00
Min	49.821	17:45:00

No. of excursions	
above 50.03 Hz	130
below 49.97 Hz	126
above 50.00 Hz	131
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:04:37
above 50.03	0:02:17

No. of hours freq outside 49.9-50.05 Hz	5:30:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)