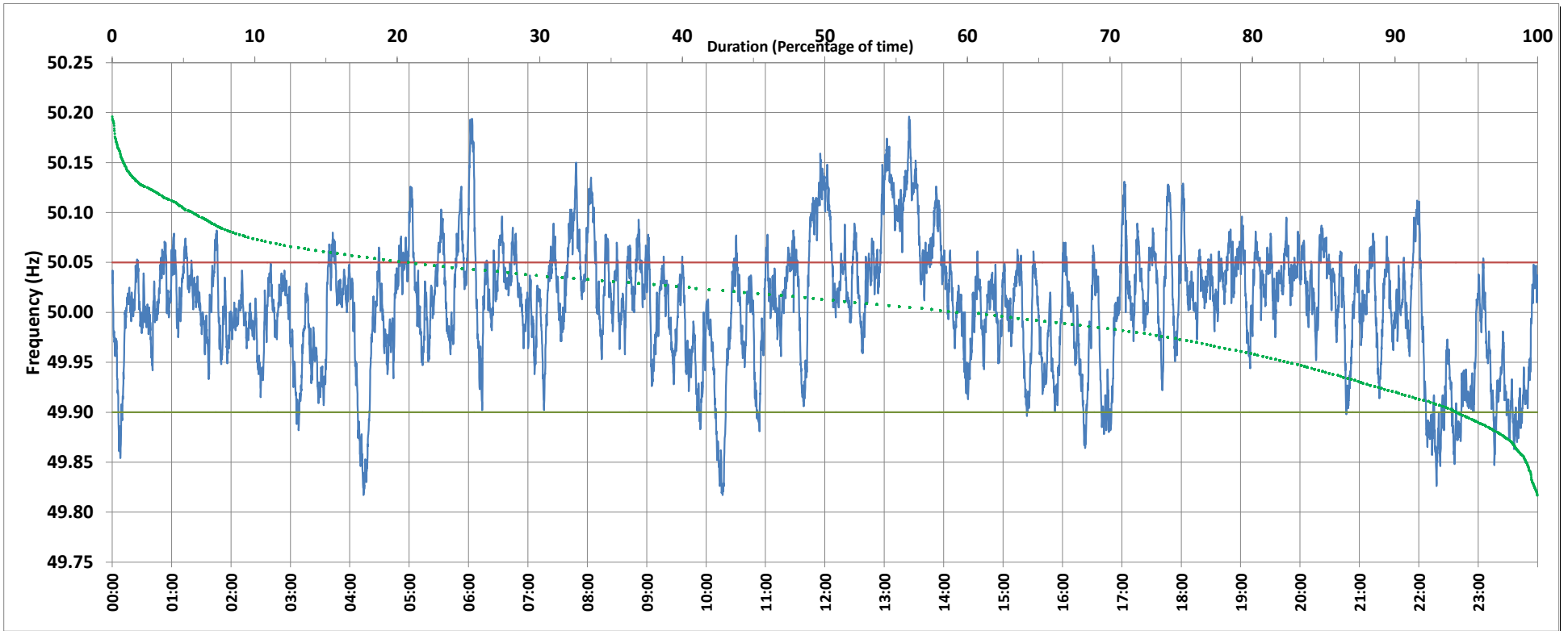


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 12-Nov-2019 (Tuesday)



<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	5.53	23.55	0.00	5.53	33.69	55.03	5.74	73.70	100.00	40.23	15.67	59.26	36.22	20.76	0.00	17.25	61.99	11.71

Average Frequency : 50.007	Frequency Variation Index : 0.0369	Standard Deviation : 0.0604	Mileage: 52.5	FDI: 26.3
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Instantaneous Frequency		
Max	50.196	13:25:00
Min	49.817	4:13:50

15 minute Average Frequency		
Max	50.128	13:30:00
Min	49.895	23:45:00

No. of excursions	
above 50.03 Hz	194
below 49.97 Hz	89
above 50.00 Hz	126
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:49
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	6:18:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)