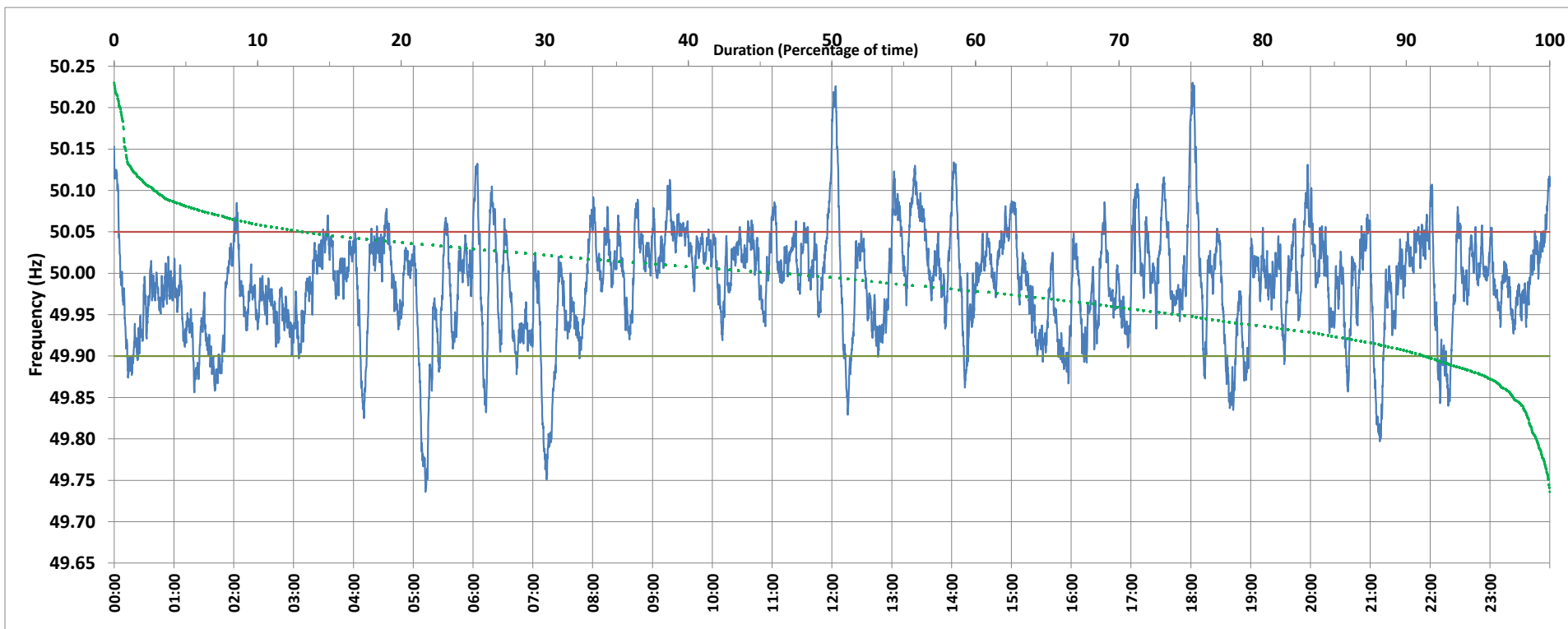


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Feb-2020 (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	8.60	34.70	0.90	7.70	44.33	44.17	2.48	78.31	99.57	40.78	10.69	45.58	24.53	13.09	0.43	25.45	61.46	16.85

Average Frequency : 49.988	Frequency Variation Index : 0.0428	Standard Deviation : 0.0643	Mileage: 48.9	FDI: 21.7
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Instantaneous Frequency		
Max	50.230	18:01:40
Min	49.736	5:12:20

15 minute Average Frequency		
Max	50.077	13:30:00
Min	49.862	5:15:00

No. of excursions	
above 50.03 Hz	138
below 49.97 Hz	106
above 50.00 Hz	117
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:04:43
above 50.03	0:02:34

No. of hours freq outside 49.9-50.05 Hz	5:12:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)