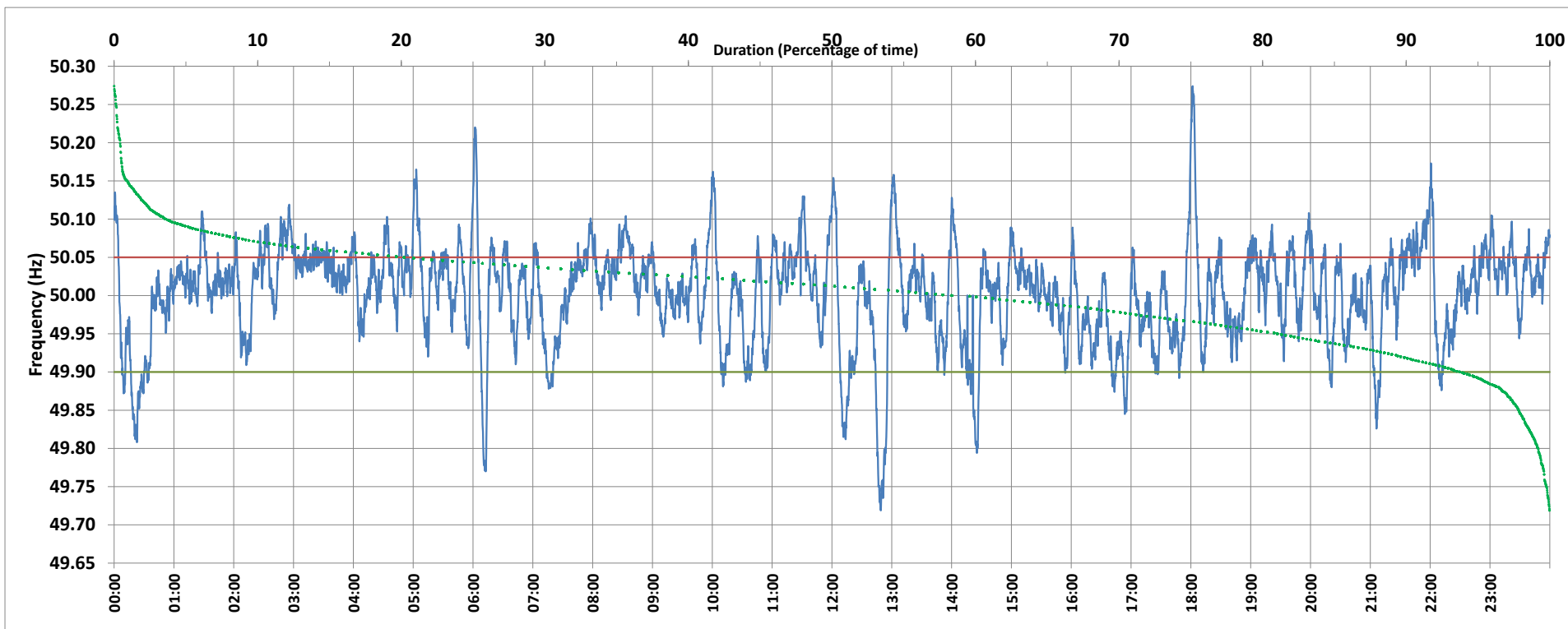


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Feb-2020 (Wednesday)



<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	6.08	26.47	0.80	5.28	34.34	55.86	3.31	73.74	99.58	38.41	17.27	58.33	35.12	20.19	0.42	18.69	61.12	12.62

Average Frequency : 50.003	Frequency Variation Index : 0.0418	Standard Deviation : 0.0645	Mileage: 49.8	FDI: 26.3
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Instantaneous Frequency		
Max	50.274	18:01:40
Min	49.719	12:48:50

15 minute Average Frequency		
Max	50.081	3:00:00
Min	49.856	13:00:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	99
above 50.00 Hz	106
below 50.00 Hz	105

Average time freq per excursion remains	
below 49.97	0:03:51
above 50.03	0:03:00

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