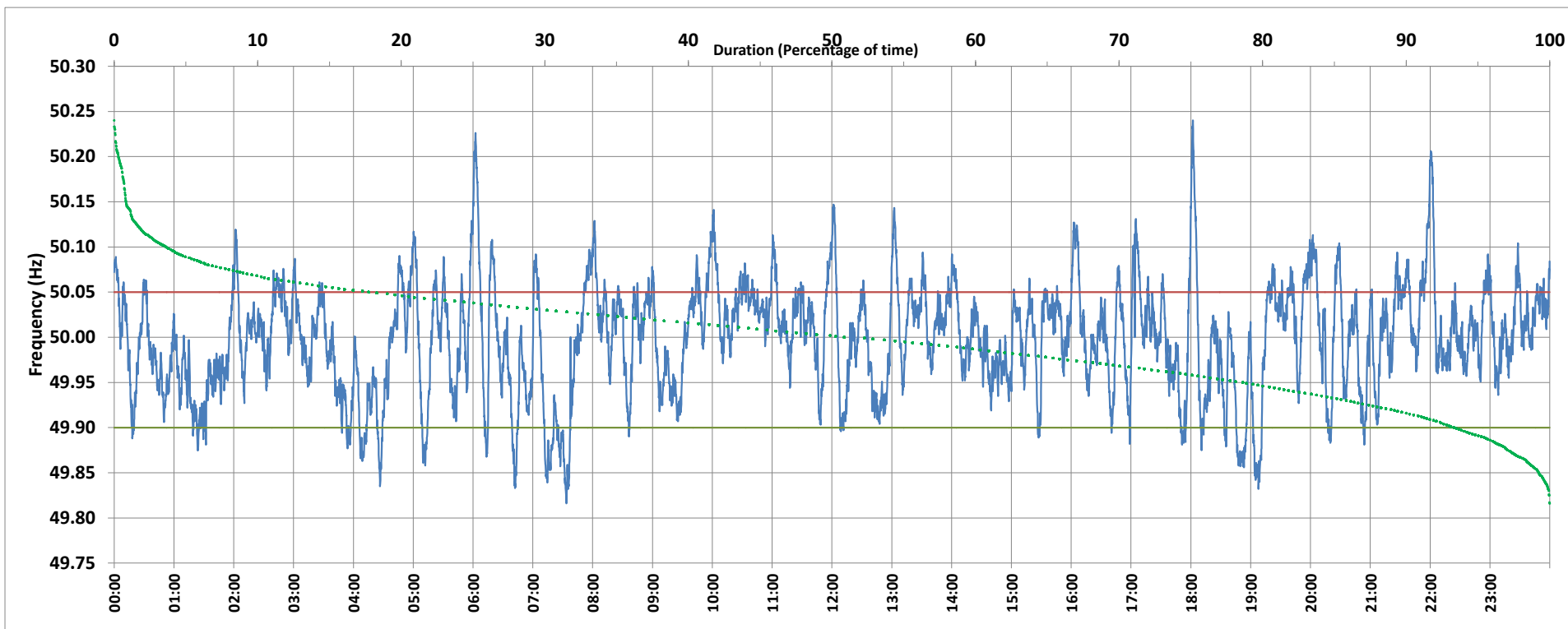


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Feb-2020 (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	6.52	30.42	0.00	6.52	41.24	48.55	3.39	75.76	99.70	39.44	14.69	50.84	30.14	17.72	0.30	21.13	61.15	14.62

Average Frequency : 49.998	Frequency Variation Index : 0.0368	Standard Deviation : 0.0607	Mileage: 49.7	FDI: 24.2
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Instantaneous Frequency		
Max	50.240	18:02:00
Min	49.816	7:33:30

15 minute Average Frequency		
Max	50.059	16:15:00
Min	49.887	7:30:00

No. of excursions	
above 50.03 Hz	142
below 49.97 Hz	128
above 50.00 Hz	118
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:03:25
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	5:49:00
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Source : BALLIA:Frequency 10 Sec. (8640 samples)