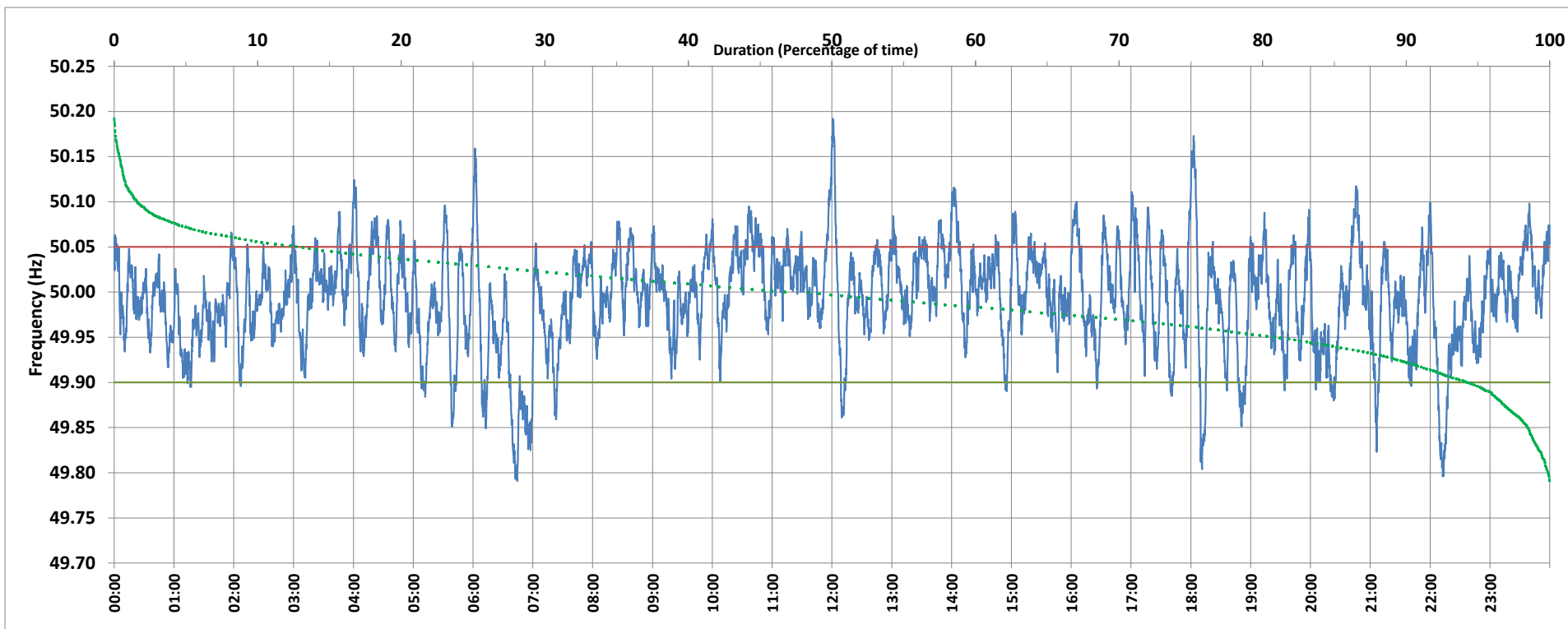


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Jan-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	5.57	29.57	0.10	5.46	46.09	46.72	1.62	81.79	100.00	45.88	11.55	46.71	24.55	12.64	0.00	18.78	68.58	13.22

Average Frequency : 49.993	Frequency Variation Index : 0.0306	Standard Deviation : 0.0549	Mileage: 51.4	FDI: 18.2
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Instantaneous Frequency		
Max	50.192	12:00:50
Min	49.791	6:44:10

15 minute Average Frequency		
Max	50.054	10:45:00
Min	49.863	7:00:00

No. of excursions	
above 50.03 Hz	148
below 49.97 Hz	138
above 50.00 Hz	131
below 50.00 Hz	131

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:22:10
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Source : BALLIA:Frequency 10 Sec. (8640 samples)