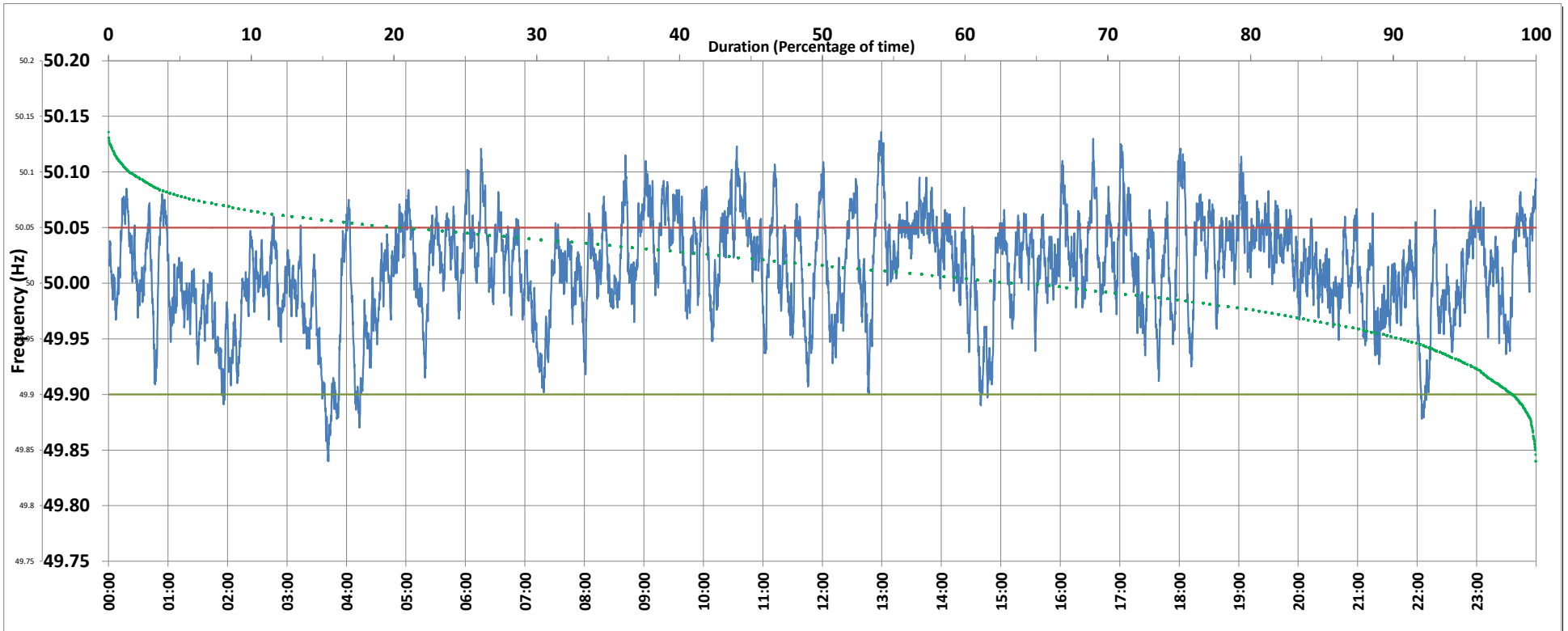


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-Oct-2019 (Sunday)



<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	1.57	16.76	0.00	1.57	33.38	63.48	1.56	78.08	100.00	44.77	19.93	63.24	38.47	20.35	0.00	9.22	70.43	7.65

Average Frequency : 50.013	Frequency Variation Index : 0.0223	Standard Deviation : 0.0456	Mileage: 50.5	FDI: 21.9
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Instantaneous Frequency		
Max	50.136	12:59:20
Min	49.840	3:41:20

15 minute Average Frequency		
Max	50.073	10:45:00
Min	49.900	3:45:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	95
above 50.00 Hz	144
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:02:32
above 50.03	0:03:14

No. of hours freq outside 49.9-50.05 Hz	5:15:40
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Source : BALLIA:Frequency 10 Sec. (8640 samples)