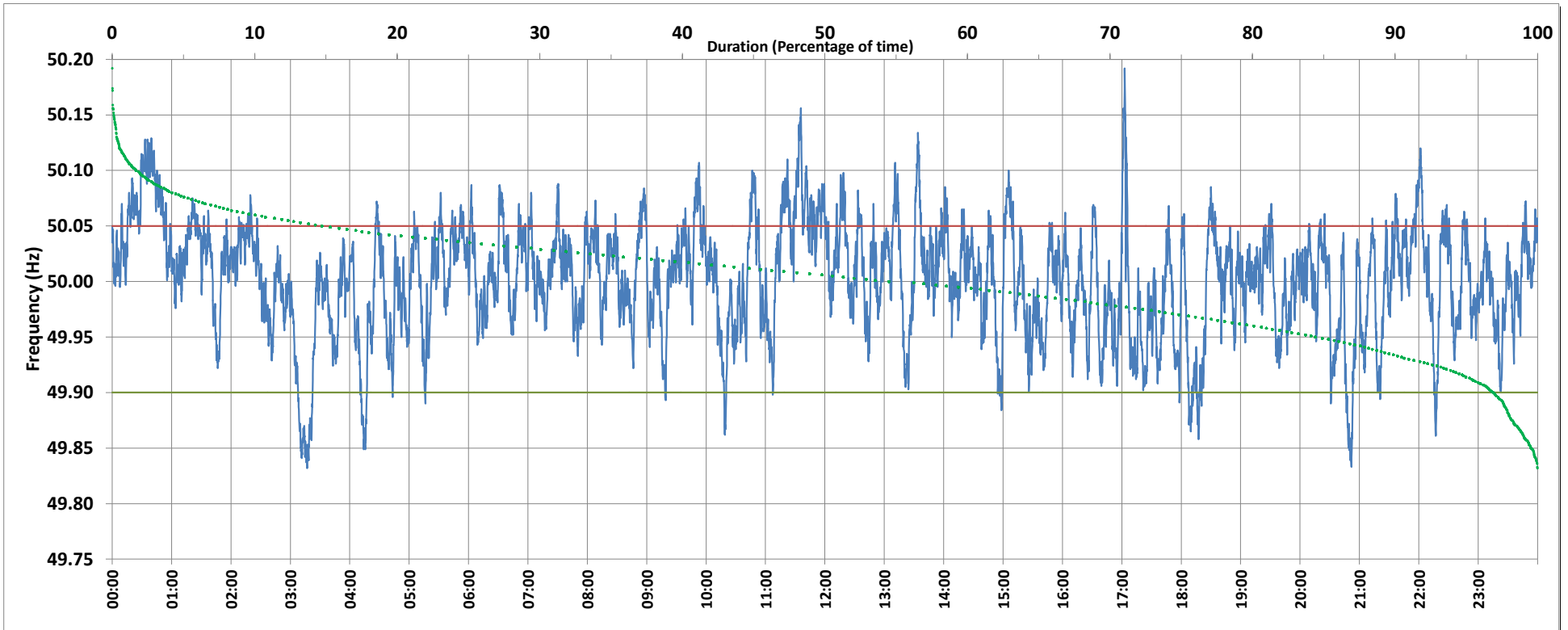


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Oct-2019 (Monday)



<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	3.02	24.49	0.00	3.02	40.76	54.38	1.84	82.27	100.00	46.15	13.63	54.47	29.36	14.71	0.00	15.12	70.17	12.09

Average Frequency : 50.002	Frequency Variation Index : 0.0252	Standard Deviation : 0.0502	Mileage: 56.8	FDI: 17.7
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Instantaneous Frequency		
Max	50.192	17:02:50
Min	49.832	3:16:50

15 minute Average Frequency		
Max	50.104	0:45:00
Min	49.907	3:15:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	130
above 50.00 Hz	178
below 50.00 Hz	171

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

No. of hours freq outside 49.9-50.05 Hz	4:15:20
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Source : BALLIA:Frequency 10 Sec. (8640 samples)