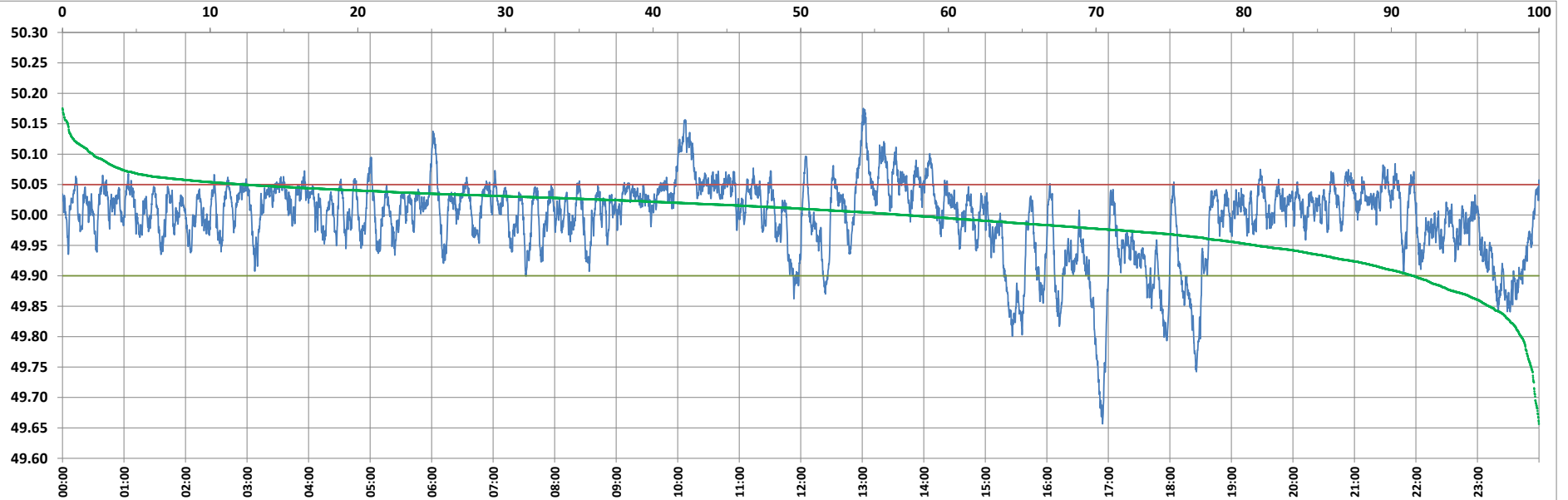


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Oct-2022 (Saturday)



<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
0.25	8.54	25.72	0.95	7.34	34.50	54.91	2.05	79.19	99.75	43.32	10.22	56.96	30.96	12.27	0.00	19.14	68.59	10.60

Average Frequency : 49.995	Frequency Variation Index : 0.0409	Standard Deviation : 0.0638	Mileage: 46.3	FDI: 20.8
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Instantaneous Frequency		
Max	50.175	13:01:00
Min	49.657	16:54:20

15 minute Average Frequency		
Max	50.120	10:15:00
Min	49.760	17:00:00

No. of excursions	
above 50.03 Hz	234
below 49.97 Hz	120
above 50.00 Hz	155
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:01:54

No. of hours freq outside 49.9-50.05 Hz	4:59:40
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Source : DURGAPUR 10 Sec. (8640 samples)