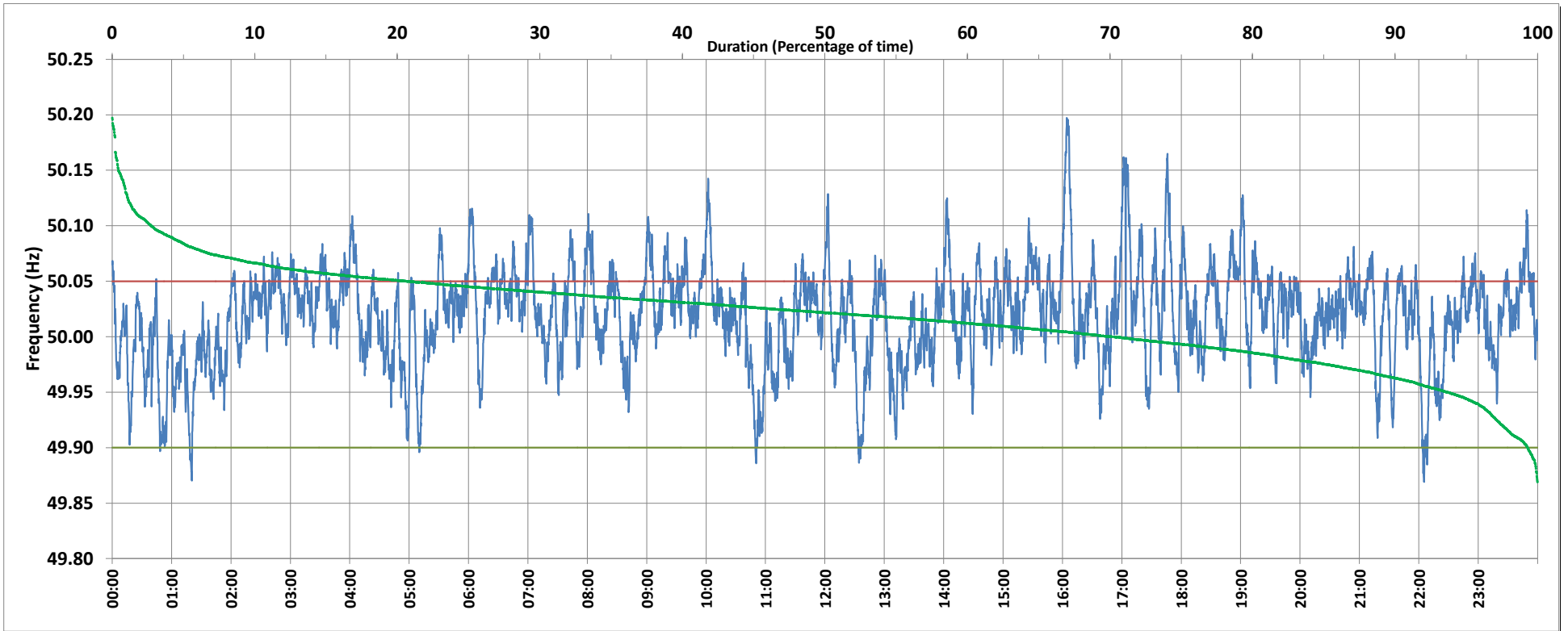


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-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	0.68	12.60	0.00	0.68	29.02	67.56	2.74	78.59	100.00	46.11	18.11	70.10	41.28	20.73	0.00	6.27	73.00	5.59

Average Frequency : 50.019	Frequency Variation Index : 0.0220	Standard Deviation : 0.0432	Mileage: 50.2	FDI: 21.4
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Instantaneous Frequency		
Max	50.197	16:04:20
Min	49.869	22:05:20

15 minute Average Frequency		
Max	50.093	16:15:00
Min	49.936	11:00:00

No. of excursions	
above 50.03 Hz	273
below 49.97 Hz	100
above 50.00 Hz	177
below 50.00 Hz	174

Average time freq per excursion remains	
below 49.97	0:01:49
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	5:08:20
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)