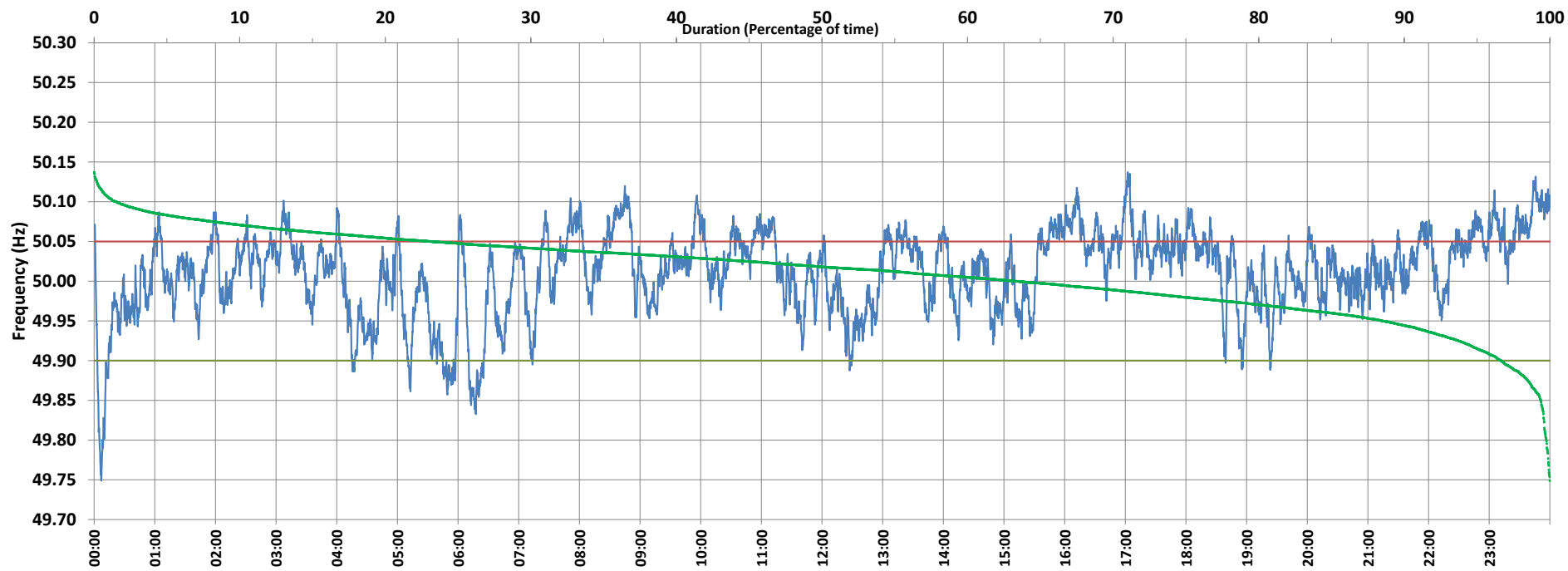


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-May-2021 (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
0.00	3.37	19.85	0.24	3.13	33.34	61.79	1.49	73.53	100.00	39.59	21.61	63.29	40.56	23.10	0.00	11.50	65.39	8.14

Average Frequency : 50.011	Frequency Variation Index : 0.0282	Standard Deviation : 0.0520	Mileage: 42.4	FDI: 26.5
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Instantaneous Frequency		
Max	50.137	17:02:20
Min	49.749	0:07:00

15 minute Average Frequency		
Max	50.100	0:00:00
Min	49.869	0:15:00

No. of excursions	
above 50.03 Hz	171
below 49.97 Hz	103
above 50.00 Hz	149
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:03:25

No. of hours freq outside 49.9-50.05 Hz	6:21:10
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Source : AGRA 10 Sec. (8640 samples)