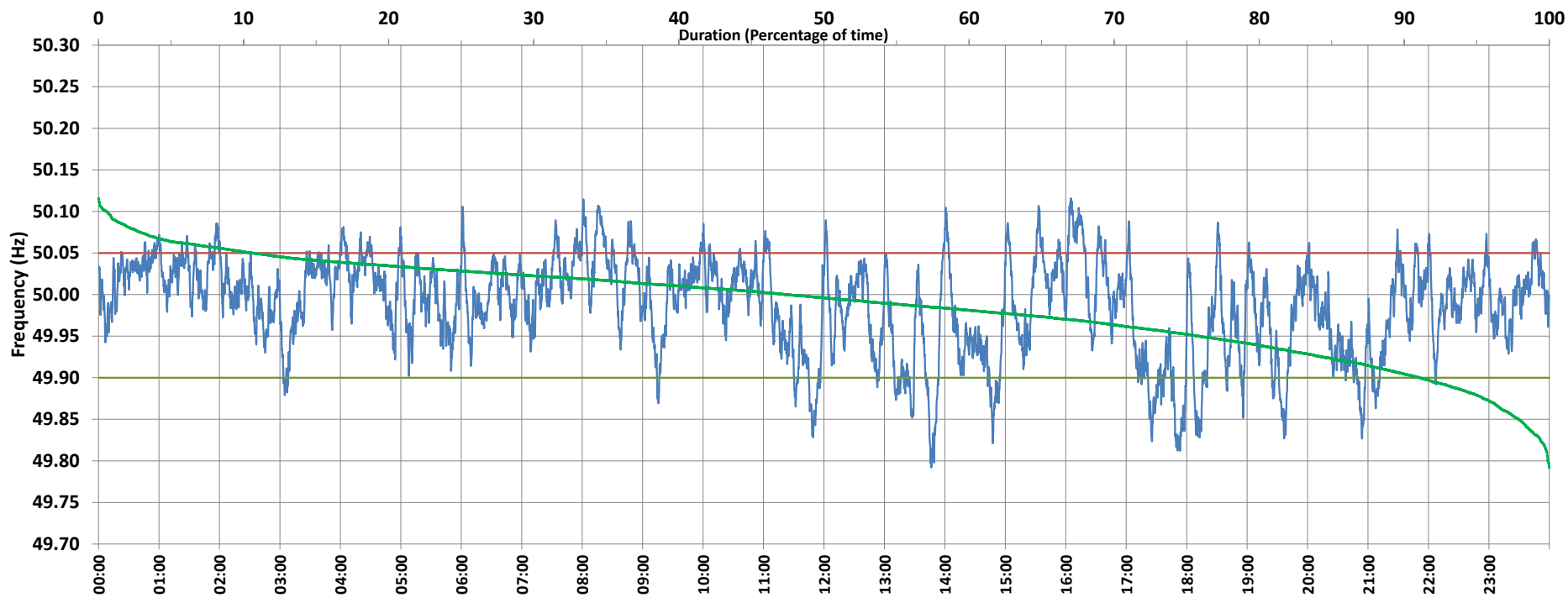


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-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	8.94	33.10	0.09	8.84	43.65	46.85	0.57	80.49	100.00	43.22	10.01	47.42	23.68	10.58	0.00	24.17	65.25	15.23

Average Frequency : 49.987	Frequency Variation Index : 0.0343	Standard Deviation : 0.0571	Mileage: 43.5	FDI: 19.5
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Instantaneous Frequency		
Max	50.116	16:05:00
Min	49.792	13:46:30

15 minute Average Frequency		
Max	50.076	16:15:00
Min	49.853	18:00:00

No. of excursions	
above 50.03 Hz	168
below 49.97 Hz	118
above 50.00 Hz	153
below 50.00 Hz	153

Average time freq per excursion remains	
below 49.97	0:04:02
above 50.03	0:02:02

No. of hours freq outside 49.9-50.05 Hz	4:41:00
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Source : BALIPARA 10 Sec. (8640 samples)