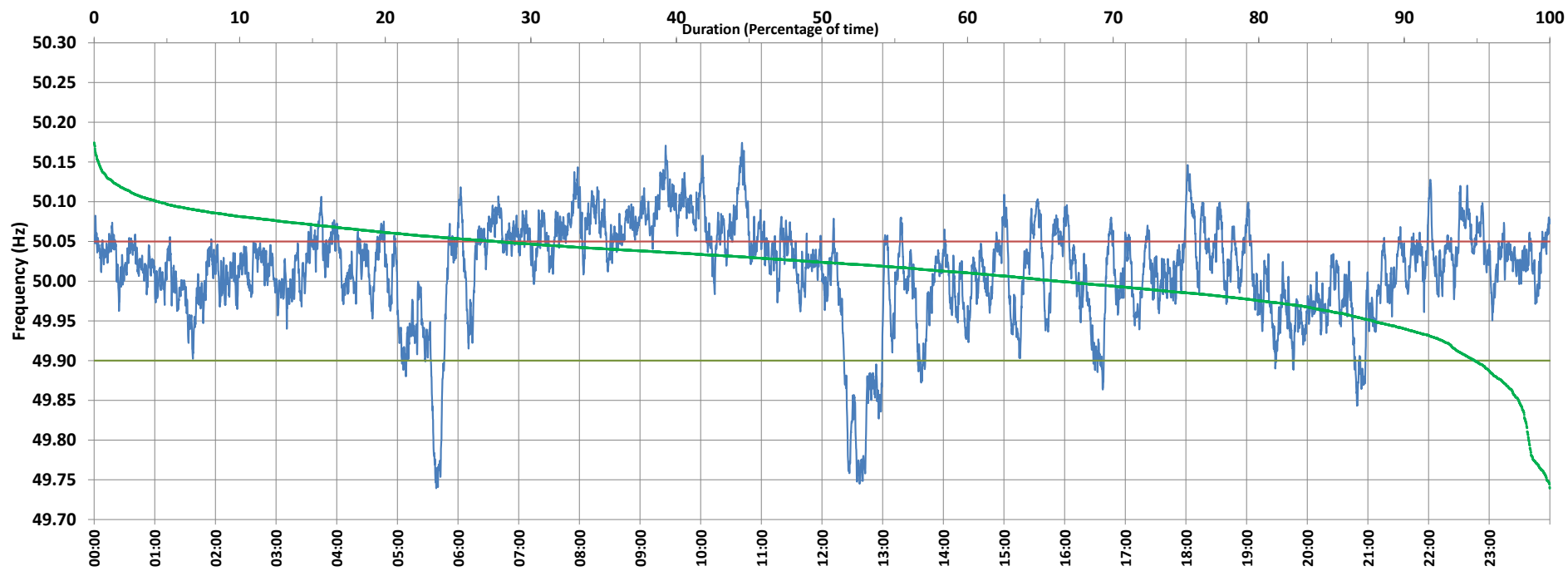


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-May-2021 (Thursday)



<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	5.19	17.53	1.46	3.73	28.65	61.76	4.41	67.19	100.00	37.47	23.22	66.17	45.00	27.63	0.00	12.16	60.21	6.98

Average Frequency : 50.014	Frequency Variation Index : 0.0411	Standard Deviation : 0.0625	Mileage: 47.7	FDI: 32.8
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Instantaneous Frequency		
Max	50.174	10:40:50
Min	49.739	5:38:20

15 minute Average Frequency		
Max	50.119	9:30:00
Min	49.792	12:45:00

No. of excursions	
above 50.03 Hz	196
below 49.97 Hz	90
above 50.00 Hz	148
below 50.00 Hz	147

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:03:18

No. of hours freq outside 49.9-50.05 Hz	7:52:30
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Source : AGRA 10 Sec. (8640 samples)