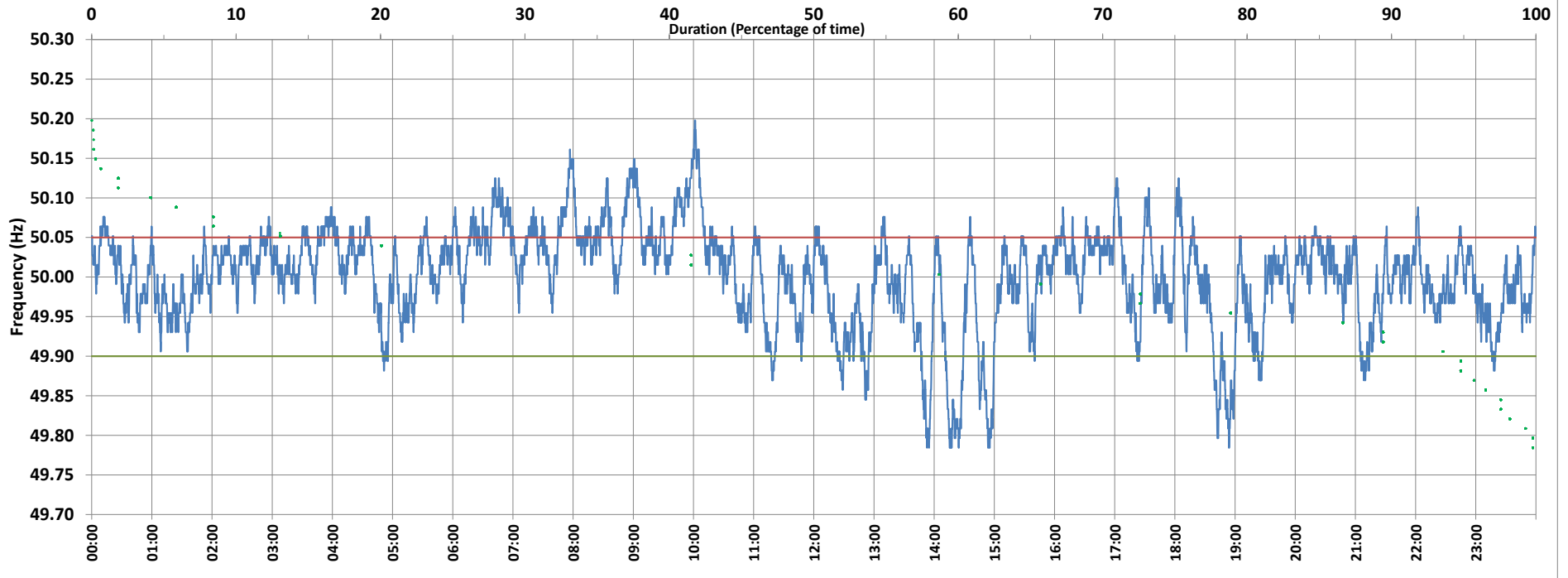


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-May-2021 (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	6.46	27.40	0.73	5.73	34.87	54.58	4.09	73.50	100.00	42.73	15.96	58.67	29.87	20.05	0.00	16.71	63.24	10.25

Average Frequency : 50.001	Frequency Variation Index : 0.0381	Standard Deviation : 0.0617	Mileage: 49.0	FDI: 26.5
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Instantaneous Frequency		
Max	50.198	10:01:20
Min	49.784	13:52:50

15 minute Average Frequency		
Max	50.106	10:00:00
Min	49.824	14:30:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	145
above 50.00 Hz	155
below 50.00 Hz	154

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:02:10

No. of hours freq outside 49.9-50.05 Hz	6:21:40
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Source : AGRA 10 Sec. (8640 samples)