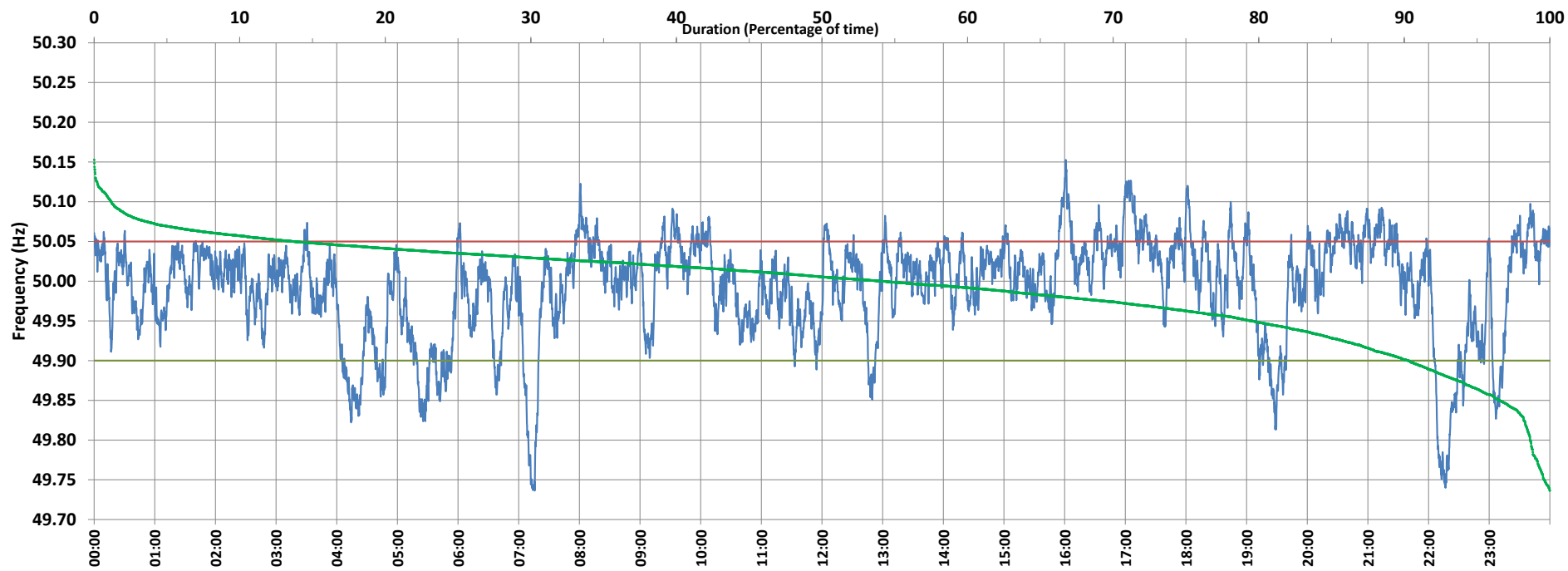


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-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	9.73	28.26	1.35	8.38	36.18	52.91	1.18	76.57	100.00	42.23	12.51	54.09	29.50	13.69	0.00	20.49	65.82	10.75

Average Frequency : 49.992	Frequency Variation Index : 0.0409	Standard Deviation : 0.0635	Mileage: 47.3	FDI: 23.4
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Instantaneous Frequency	
Max	50.153 16:01:00
Min	49.736 7:15:40

15 minute Average Frequency	
Max	50.089 17:15:00
Min	49.817 22:30:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	112
above 50.00 Hz	186
below 50.00 Hz	185

Average time freq per excursion remains	
below 49.97	0:03:38
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	5:37:20
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Source : AGRA 10 Sec. (8640 samples)