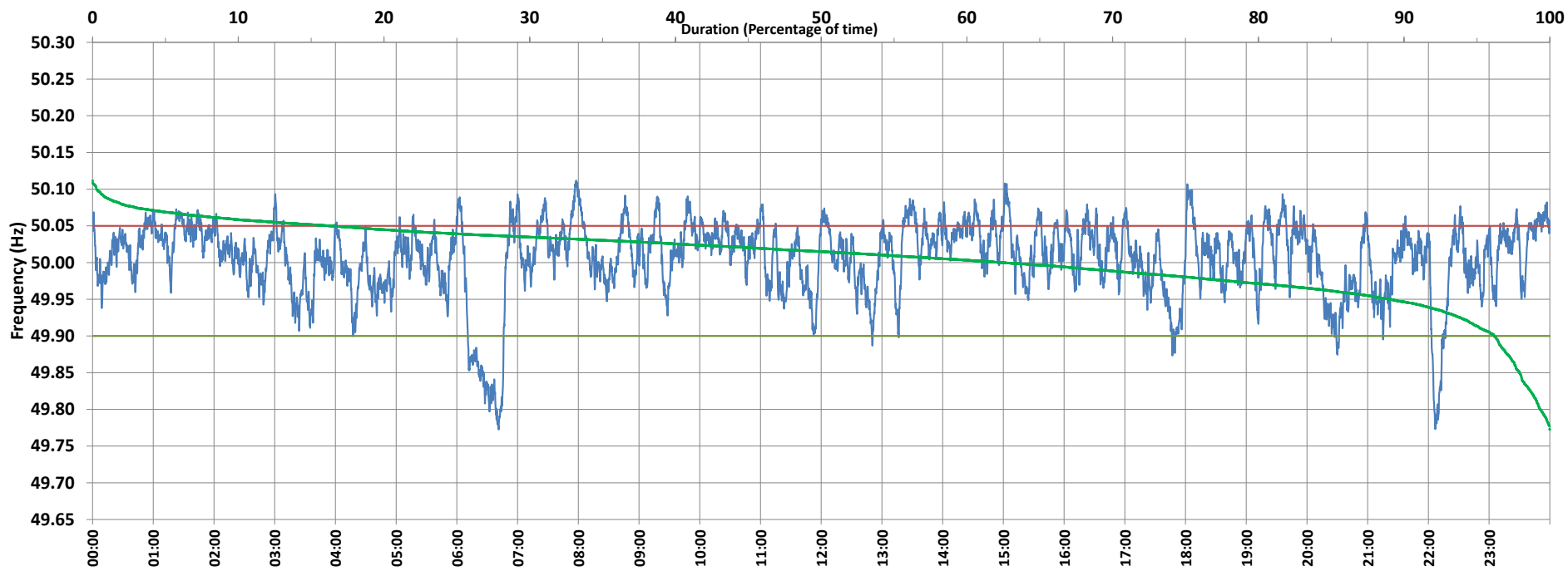


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Jun-2021 (Wednesday)



<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	3.82	19.14	0.67	3.15	33.69	62.22	0.27	79.85	100.00	45.32	16.06	62.49	35.53	16.33	0.00	11.00	72.67	7.18

Average Frequency : 50.006	Frequency Variation Index : 0.0263	Standard Deviation : 0.0510	Mileage: 43.0	FDI: 20.2
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Instantaneous Frequency		
Max	50.112	7:57:50
Min	49.773	6:41:10

15 minute Average Frequency		
Max	50.057	8:00:00
Min	49.808	6:45:00

No. of excursions	
above 50.03 Hz	214
below 49.97 Hz	119
above 50.00 Hz	181
below 50.00 Hz	180

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:50:10
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Source : AGRA 10 Sec. (8640 samples)