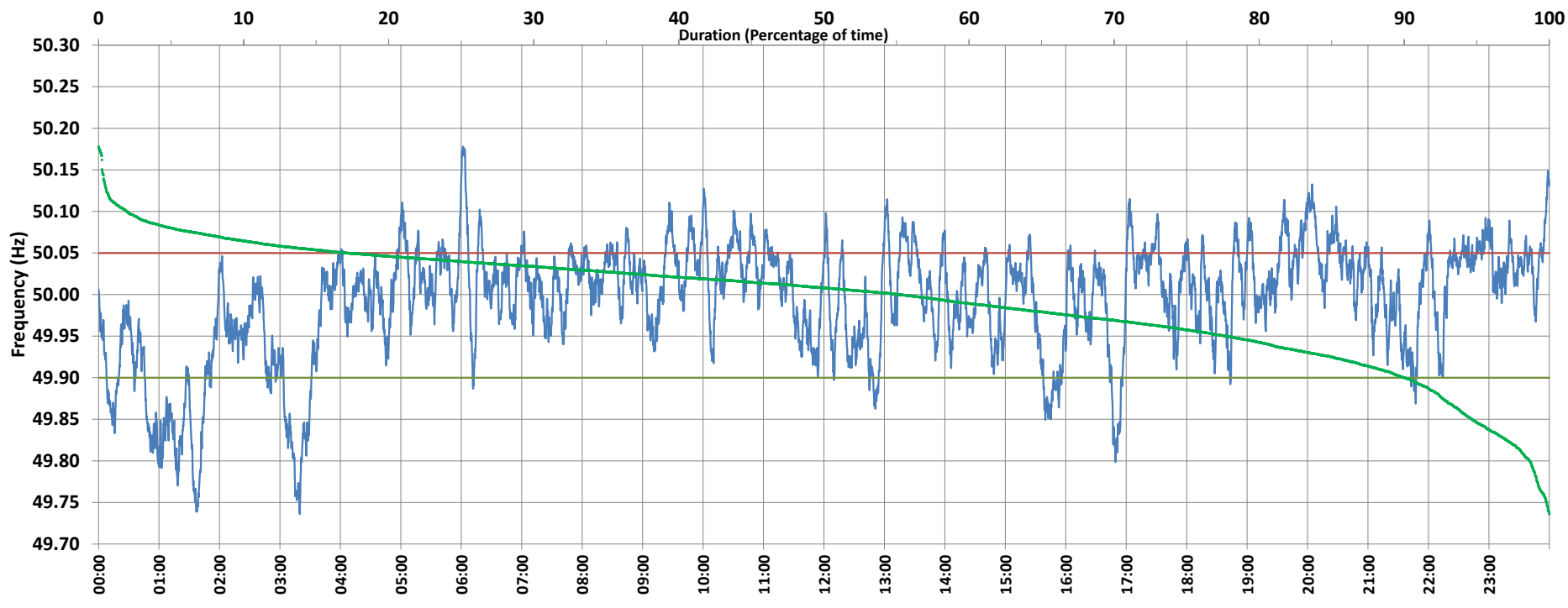


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Apr-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	9.99	30.46	1.37	8.62	34.86	53.19	1.96	72.89	100.00	36.64	15.16	55.15	32.89	17.12	0.00	22.23	60.65	12.25

Average Frequency : 49.993	Frequency Variation Index : 0.0480	Standard Deviation : 0.0689	Mileage: 42.6	FDI: 27.1
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Instantaneous Frequency		
Max	50.178	6:01:40
Min	49.736	3:19:40

15 minute Average Frequency		
Max	50.078	20:15:00
Min	49.798	1:45:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	110
above 50.00 Hz	126
below 50.00 Hz	125

Average time freq per excursion remains	
below 49.97	0:03:59
above 50.03	0:02:55

No. of hours freq outside 49.9-50.05 Hz	6:30:20
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Source : AGRA 10 Sec. (8640 samples)