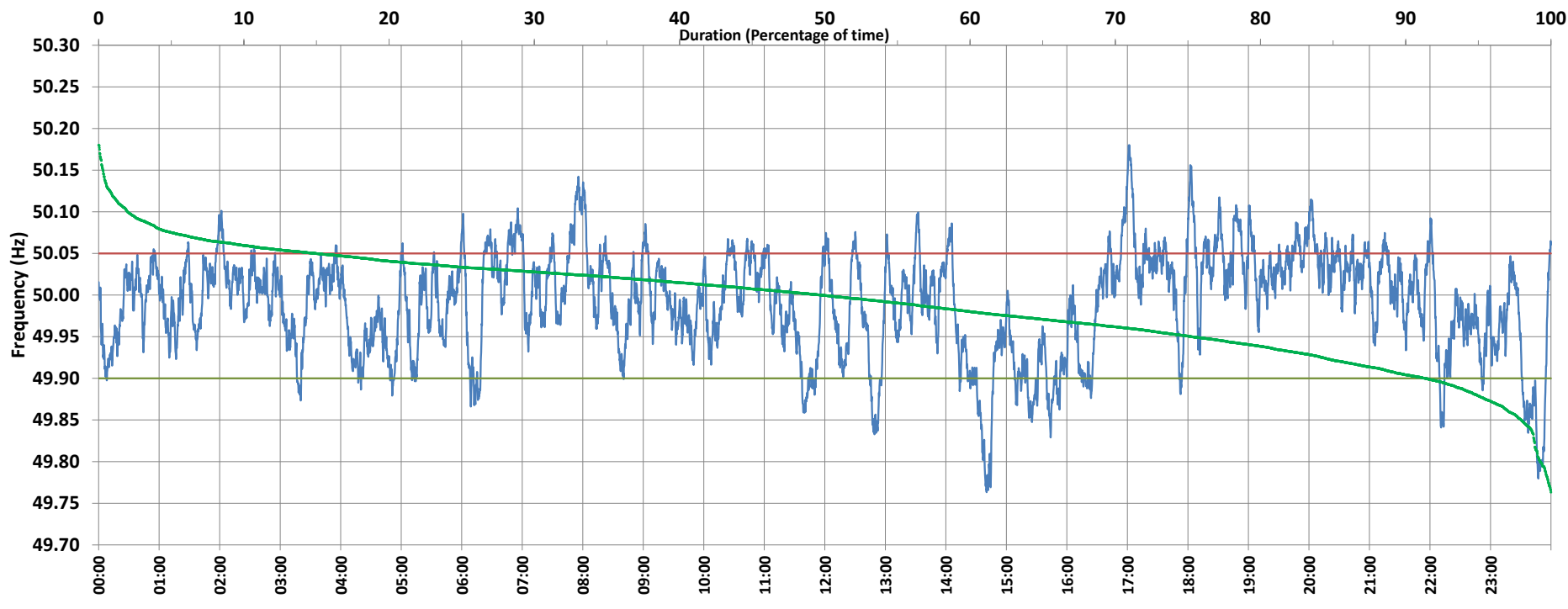


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-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	8.66	34.49	0.74	7.92	41.64	47.71	1.99	76.38	100.00	37.44	12.97	49.70	28.07	14.97	0.00	24.77	60.27	16.11

Average Frequency : 49.990	Frequency Variation Index : 0.0397	Standard Deviation : 0.0622	Mileage: 42.4	FDI: 23.6
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Instantaneous Frequency		
Max	50.180	17:01:00
Min	49.763	14:40:00

15 minute Average Frequency		
Max	50.093	8:00:00
Min	49.820	14:45:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	117
above 50.00 Hz	137
below 50.00 Hz	136

Average time freq per excursion remains	
below 49.97	0:04:15
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	5:40:10
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Source : Agra 10 Sec. (8640 samples)