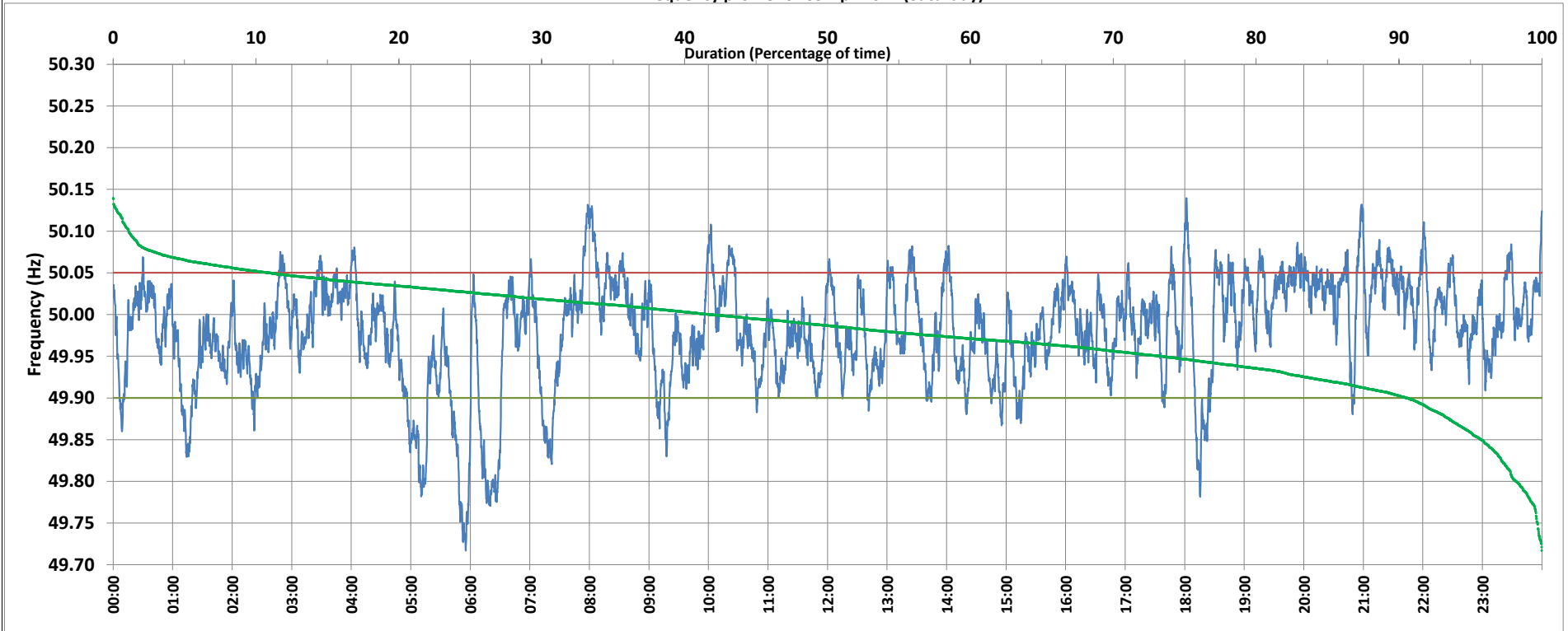


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Apr-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	9.46	38.97	1.79	7.66	48.75	40.72	1.08	79.65	100.00	38.31	9.83	41.79	22.72	10.89	0.00	26.56	62.55	17.11

Average Frequency : 49.980	Frequency Variation Index : 0.0444	Standard Deviation : 0.0637	Mileage: 43.0	FDI: 20.3
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Instantaneous Frequency		
Max	50.140	18:01:50
Min	49.717	5:55:20

15 minute Average Frequency		
Max	50.058	8:15:00
Min	49.780	6:00:00

No. of excursions	
above 50.03 Hz	127
below 49.97 Hz	160
above 50.00 Hz	143
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:03:30
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	4:53:00
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Source : Agra 10 Sec. (8640 samples)