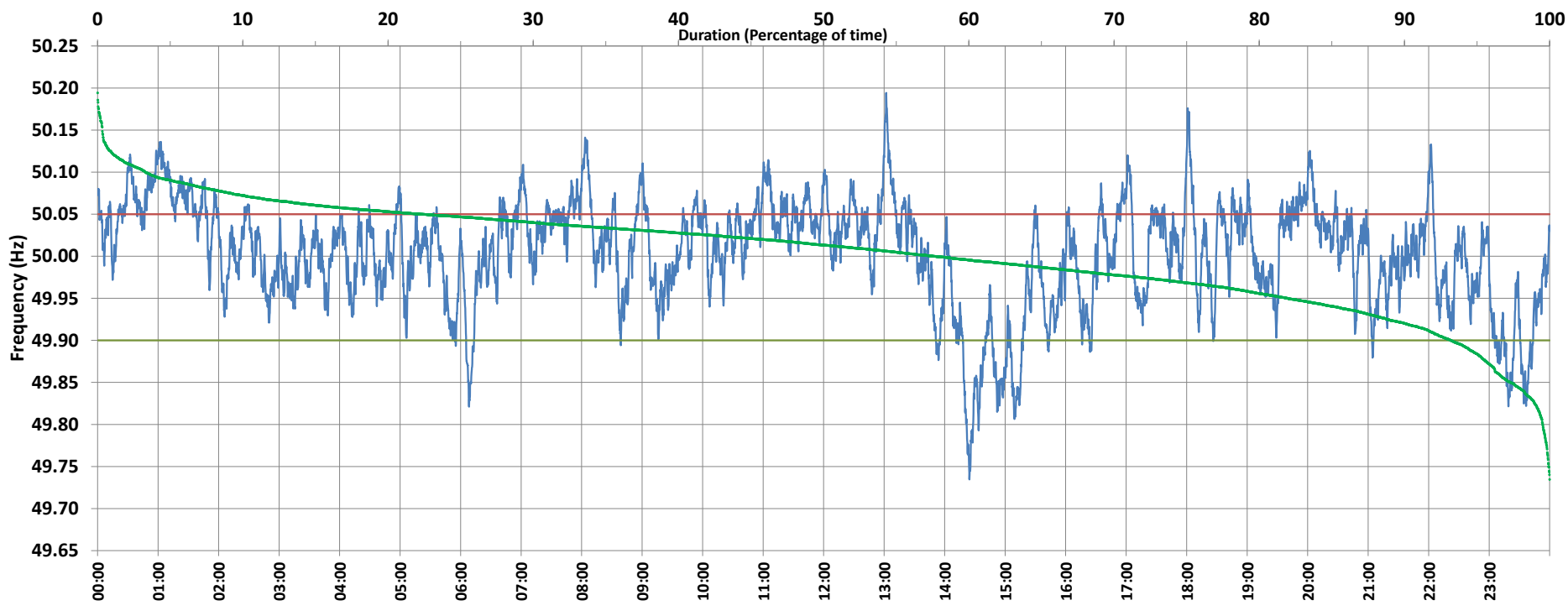


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Apr-2021 (Monday)



<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	6.81	25.73	0.49	6.32	35.59	54.31	3.30	70.80	100.00	35.97	19.10	57.59	38.30	22.40	0.00	18.04	59.56	11.24

Average Frequency : 50.003	Frequency Variation Index : 0.0398	Standard Deviation : 0.0630	Mileage: 43.7	FDI: 29.2
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Instantaneous Frequency		
Max	50.194	13:02:00
Min	49.735	14:24:30

15 minute Average Frequency		
Max	50.102	1:15:00
Min	49.826	14:30:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	108
above 50.00 Hz	136
below 50.00 Hz	135

Average time freq per excursion remains	
below 49.97	0:03:26
above 50.03	0:03:09

No. of hours freq outside 49.9-50.05 Hz	7:00:30
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Source : Agra 10 Sec. (8640 samples)