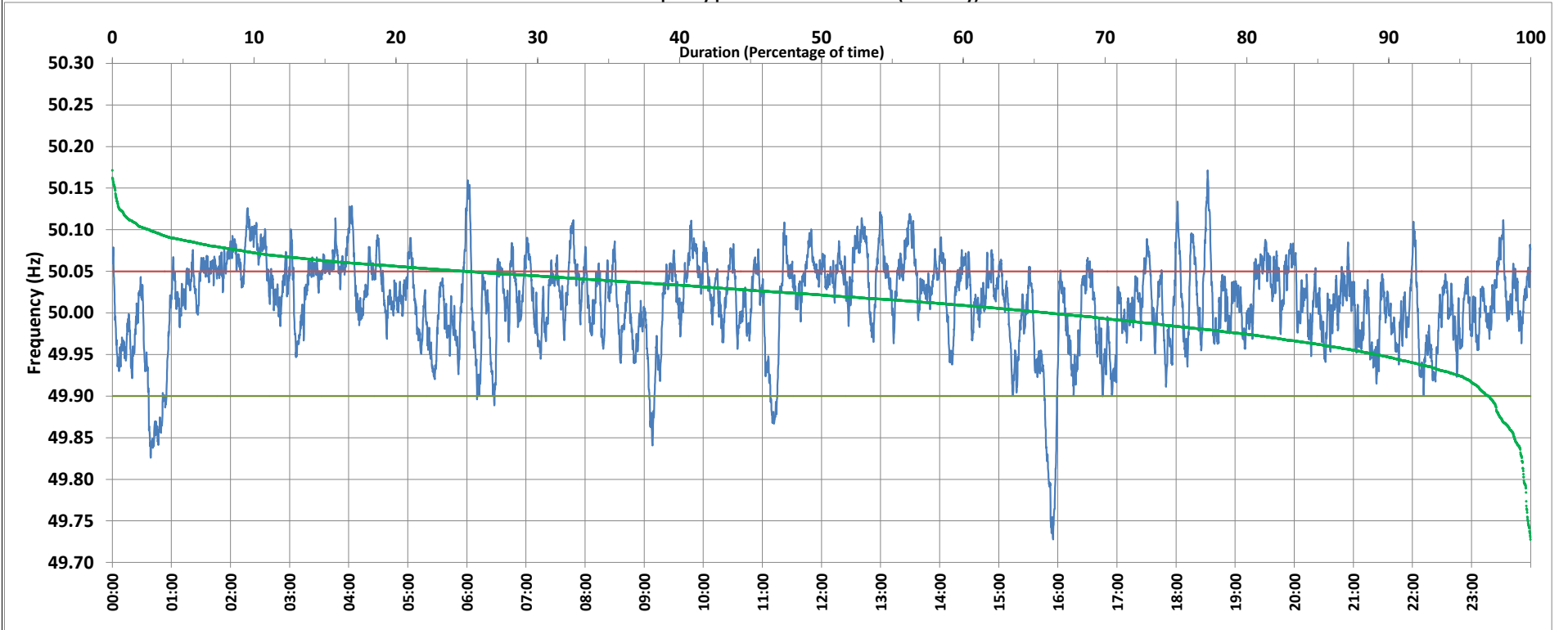


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 25-Mar-2021 (Thursday)



<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	2.97	18.15	0.47	2.50	31.06	63.37	2.59	72.20	100.00	39.11	22.23	65.96	42.74	24.83	0.00	10.90	64.27	7.93

Average Frequency : 50.014	Frequency Variation Index : 0.0306	Standard Deviation : 0.0536	Mileage: 42.8	FDI: 27.8
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Instantaneous Frequency		
Max	50.171	18:32:10
Min	49.728	15:55:10

15 minute Average Frequency		
Max	50.094	2:30:00
Min	49.818	16:00:00

No. of excursions	
above 50.03 Hz	175
below 49.97 Hz	96
above 50.00 Hz	153
below 50.00 Hz	152

Average time freq per excursion remains	
below 49.97	0:02:43
above 50.03	0:03:31

No. of hours freq outside 49.9-50.05 Hz	6:40:20
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Source : Agra 10 Sec. (8640 samples)