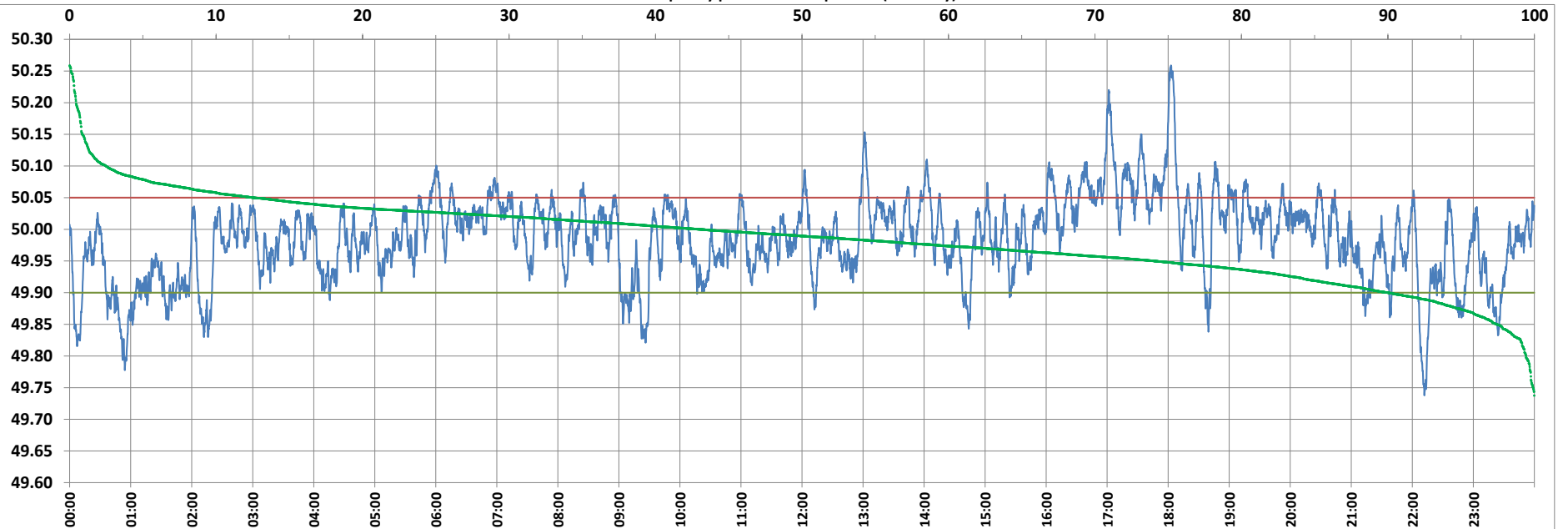


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Apr-2022 (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	9.95	37.42	0.57	9.39	46.96	40.59	2.06	77.45	99.56	39.97	10.09	43.09	22.62	12.59	0.44	25.93	61.48	15.97

Average Frequency : 49.985	Frequency Variation Index : 0.0435	Standard Deviation : 0.0644	Mileage: 42.6	FDI: 22.5
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Instantaneous Frequency		
Max	50.259	18:02:40
Min	49.738	22:11:50

15 minute Average Frequency		
Max	50.113	18:15:00
Min	49.842	1:00:00

No. of excursions	
above 50.03 Hz	140
below 49.97 Hz	128
above 50.00 Hz	146
below 50.00 Hz	145

Average time freq per excursion remains	
below 49.97	0:04:13
above 50.03	0:02:20

No. of hours freq outside 49.9-50.05 Hz	5:24:40
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Source : AGRA 10 Sec. (8640 samples)