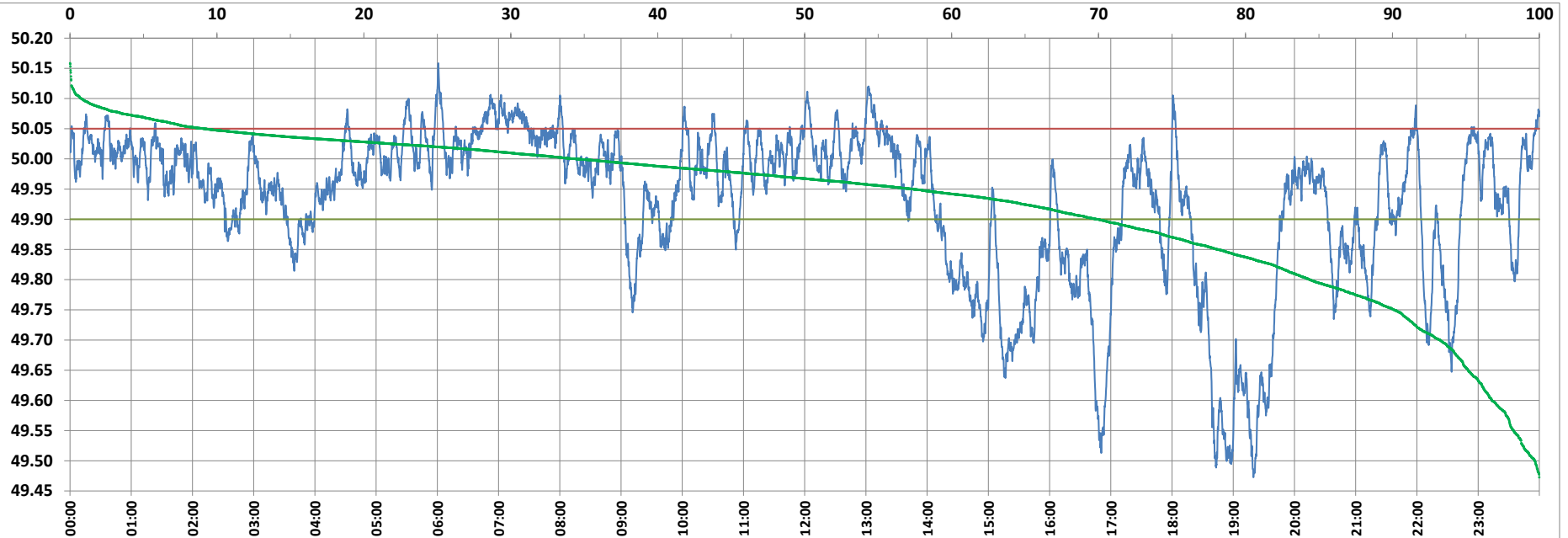


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Apr-2022 (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
6.78	30.10	51.32	8.87	14.46	35.44	33.70	0.75	60.74	93.22	29.92	8.40	34.46	18.76	9.16	0.00	42.64	48.21	12.53

Average Frequency : 49.929	Frequency Variation Index : 0.2096	Standard Deviation : 0.1262	Mileage: 42.5	FDI: 39.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.159	6:01:00
Min	49.473	19:19:40

15 minute Average Frequency		
Max	50.077	7:00:00
Min	49.539	19:00:00

No. of excursions	
above 50.03 Hz	115
below 49.97 Hz	93
above 50.00 Hz	107
below 50.00 Hz	106

Average time freq per excursion remains	
below 49.97	0:07:57
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	9:25:20
---	---------

Source : BALIPARA 10 Sec. (8640 samples)