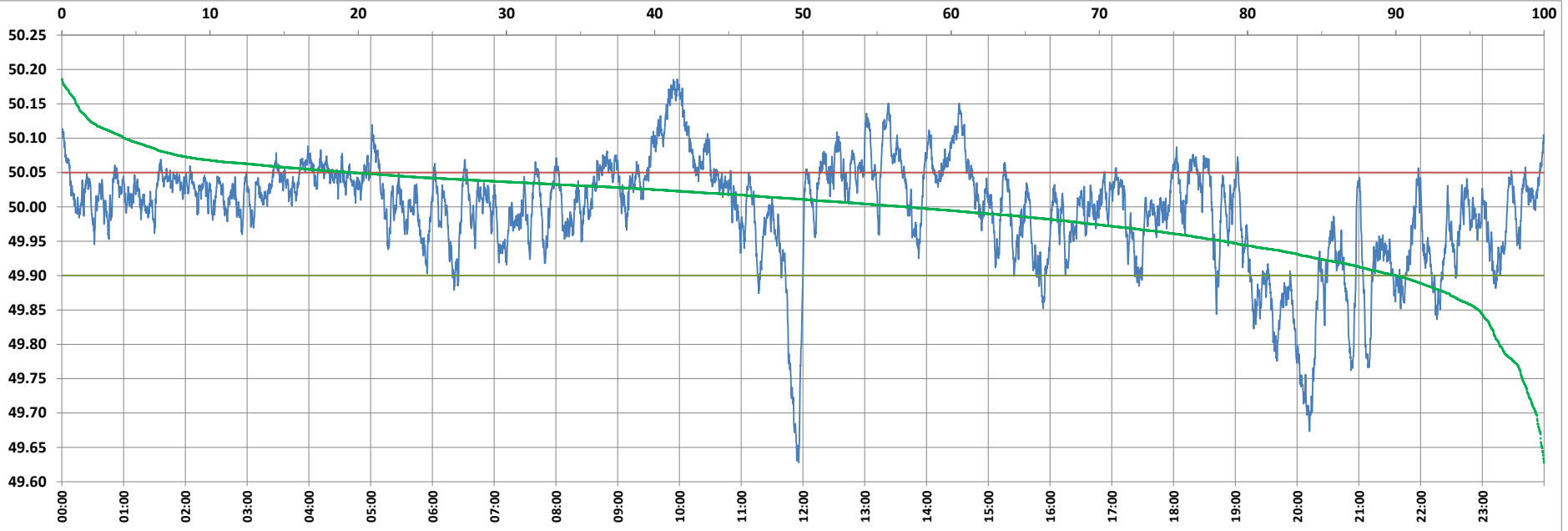


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jul-2022 (Sunday)



<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
0.56	9.99	28.37	2.47	6.97	33.07	52.69	4.26	70.43	99.44	35.76	15.32	56.94	35.87	19.58	0.00	21.53	58.89	11.54

Average Frequency : 49.995	Frequency Variation Index : 0.0590	Standard Deviation : 0.0766	Mileage: 42.5	FDI: 29.6
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.186	9:57:50
Min	49.628	11:55:50

15 minute Average Frequency		
Max	50.159	10:00:00
Min	49.730	12:00:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	93
above 50.00 Hz	135
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:04:24
above 50.03	0:03:03

No. of hours freq outside 49.9-50.05 Hz	7:05:50
---	---------

Source : AGRA 10 Sec. (8640 samples)