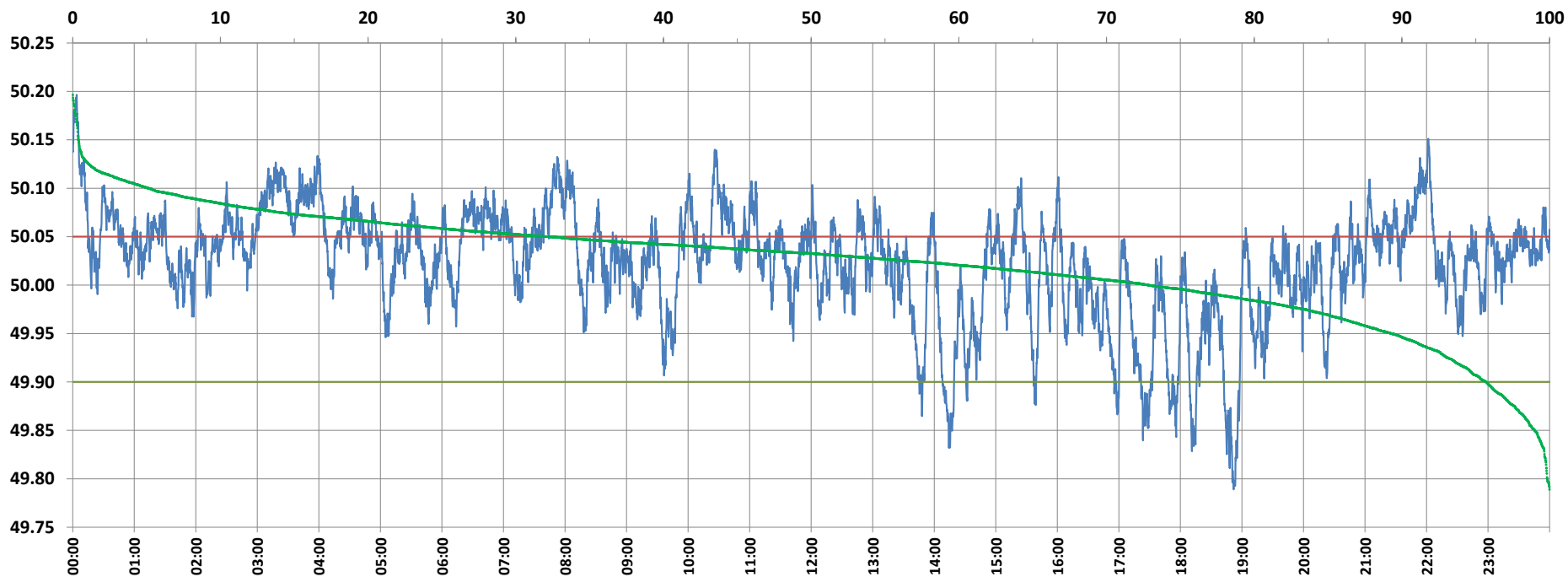


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 19-Jul-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	4.28	15.25	0.16	4.12	22.87	67.71	5.14	63.50	100.00	32.51	27.09	72.84	52.23	32.22	0.00	10.69	57.08	6.41

Average Frequency : 50.023	Frequency Variation Index : 0.0375	Standard Deviation : 0.0569	Mileage: 46.8	FDI: 36.5
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.196	0:03:50
Min	49.789	18:51:50

15 minute Average Frequency		
Max	50.132	0:15:00
Min	49.854	19:00:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	79
above 50.00 Hz	135
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:03:48

No. of hours freq outside 49.9-50.05 Hz	8:45:40
---	---------

Source : AGRA 10 Sec. (8640 samples)