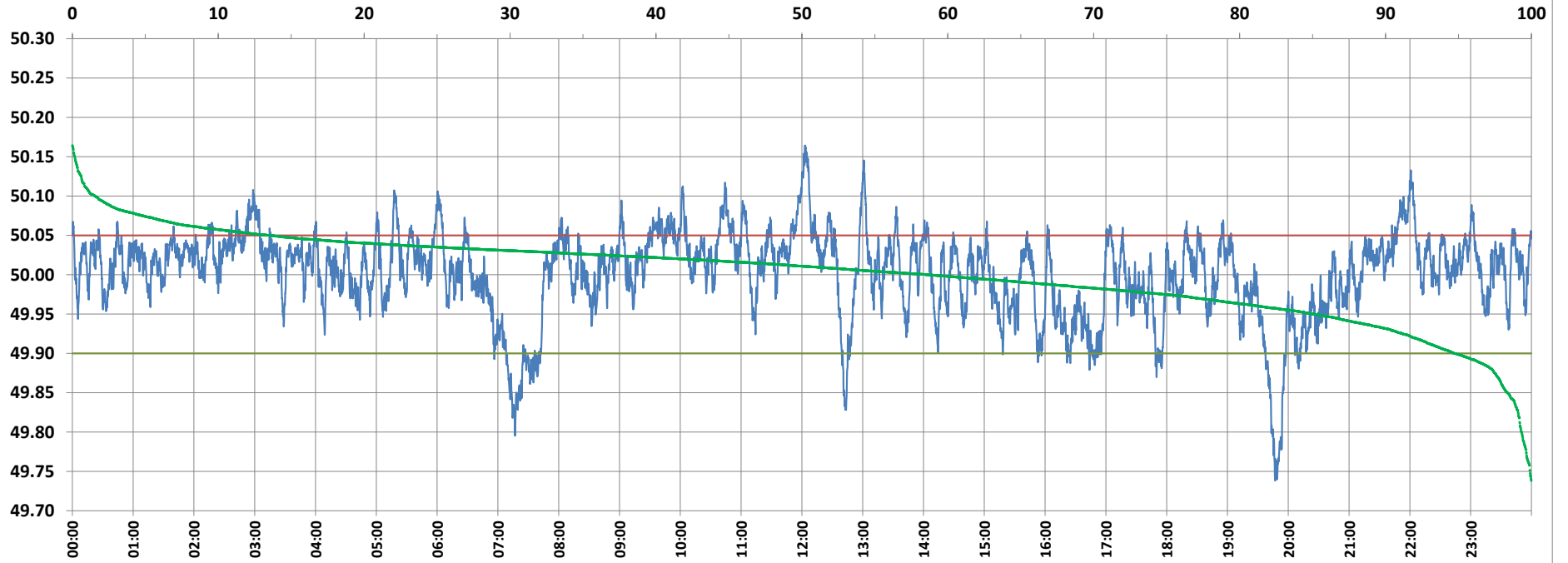


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 31-Jul-2021 (Saturday)



<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	5.28	22.85	0.66	4.62	36.09	57.09	1.54	81.23	100.00	46.28	11.96	58.63	30.87	13.50	0.00	14.90	71.61	9.62

Average Frequency : 50.001	Frequency Variation Index : 0.0295	Standard Deviation : 0.0543	Mileage: 46.2	FDI: 18.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.164	12:03:00
Min	49.738	19:47:00

15 minute Average Frequency		
Max	50.100	12:15:00
Min	49.823	20:00:00

No. of excursions	
above 50.03 Hz	264
below 49.97 Hz	116
above 50.00 Hz	184
below 50.00 Hz	183

Average time freq per excursion remains	
below 49.97	0:02:50
above 50.03	0:01:41

No. of hours freq outside 49.9-50.05 Hz	4:30:20
---	---------

Source : AGRA 10 Sec. (8640 samples)