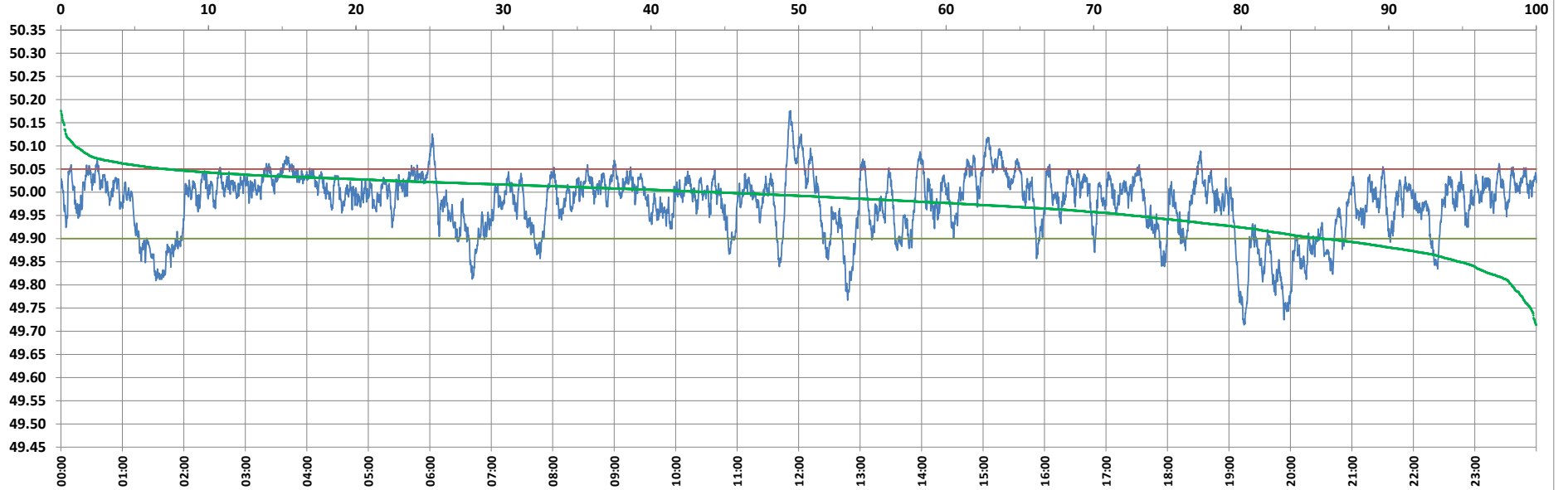


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Aug-2022 (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	14.56	36.09	1.68	12.88	41.11	43.37	0.96	78.28	100.00	45.39	6.20	44.33	18.52	7.16	0.00	27.45	65.38	12.89

Average Frequency : 49.977	Frequency Variation Index : 0.0495	Standard Deviation : 0.0663	Mileage: 46.2	FDI: 21.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.176	11:52:00
Min	49.714	19:14:00

15 minute Average Frequency		
Max	50.084	12:00:00
Min	49.786	20:00:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	132
above 50.00 Hz	211
below 50.00 Hz	210

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:01:45

No. of hours freq outside 49.9-50.05 Hz	5:12:50
---	---------

Source : AGRA 10 Sec. (8640 samples)