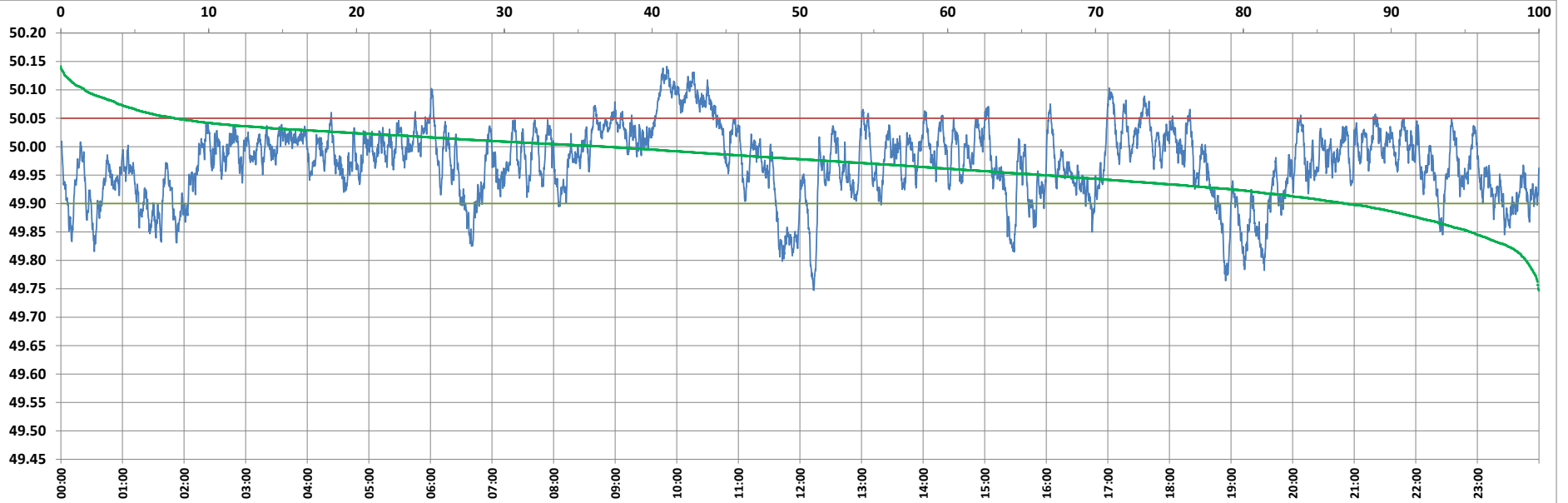


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-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	13.08	44.98	0.89	12.19	50.02	35.29	1.61	79.24	100.00	39.06	6.08	36.90	15.96	7.69	0.00	33.53	58.78	20.45

Average Frequency : 49.972	Frequency Variation Index : 0.0482	Standard Deviation : 0.0635	Mileage: 44.2	FDI: 20.8
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.141	9:50:20
Min	49.747	12:13:30

15 minute Average Frequency		
Max	50.114	10:00:00
Min	49.839	12:00:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	134
above 50.00 Hz	169
below 50.00 Hz	168

Average time freq per excursion remains	
below 49.97	0:04:50
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	4:59:00
---	---------

Source : AGRA 10 Sec. (8640 samples)