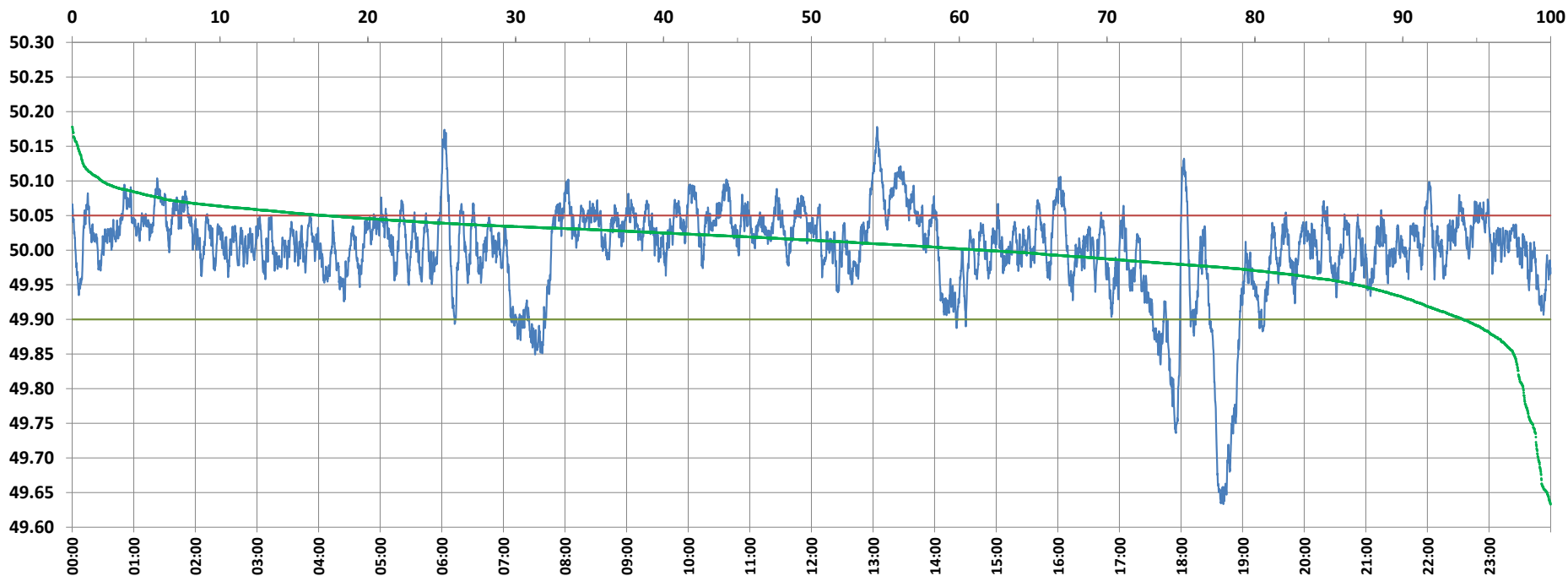


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-Sep-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
0.83	5.91	19.72	1.02	4.06	32.45	59.62	2.01	76.97	99.17	45.37	15.10	61.62	34.91	17.12	0.00	13.17	69.71	7.26

Average Frequency : 50.003	Frequency Variation Index : 0.0424	Standard Deviation : 0.0651	Mileage: 43.2	FDI: 23.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.178	13:04:00
Min	49.633	18:41:10

15 minute Average Frequency		
Max	50.105	13:15:00
Min	49.706	18:45:00

No. of excursions	
above 50.03 Hz	213
below 49.97 Hz	102
above 50.00 Hz	174
below 50.00 Hz	172

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:02:22

No. of hours freq outside 49.9-50.05 Hz	5:31:40
---	---------

Source : AGRA 10 Sec. (8640 samples)