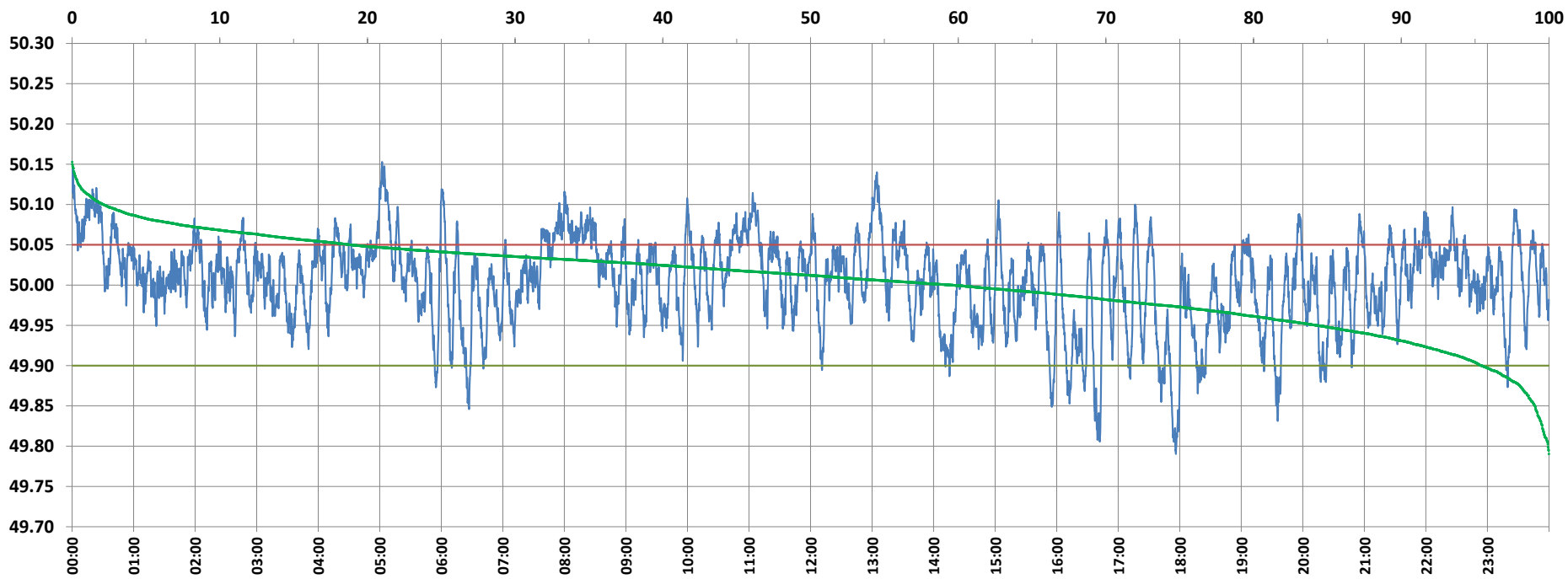


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Nov-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	4.56	23.75	0.07	4.49	35.93	57.38	2.13	76.63	100.00	41.12	16.68	59.50	35.13	18.81	0.00	15.73	65.46	11.17

Average Frequency : 50.005	Frequency Variation Index : 0.0300	Standard Deviation : 0.0546	Mileage: 49.4	FDI: 23.4
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.153	5:02:10
Min	49.790	17:56:10

15 minute Average Frequency		
Max	50.095	0:30:00
Min	49.868	18:00:00

No. of excursions	
above 50.03 Hz	215
below 49.97 Hz	122
above 50.00 Hz	202
below 50.00 Hz	200

Average time freq per excursion remains	
below 49.97	0:02:48
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	5:36:30
---	---------

Source : THRISSUR 10 Sec. (8640 samples)