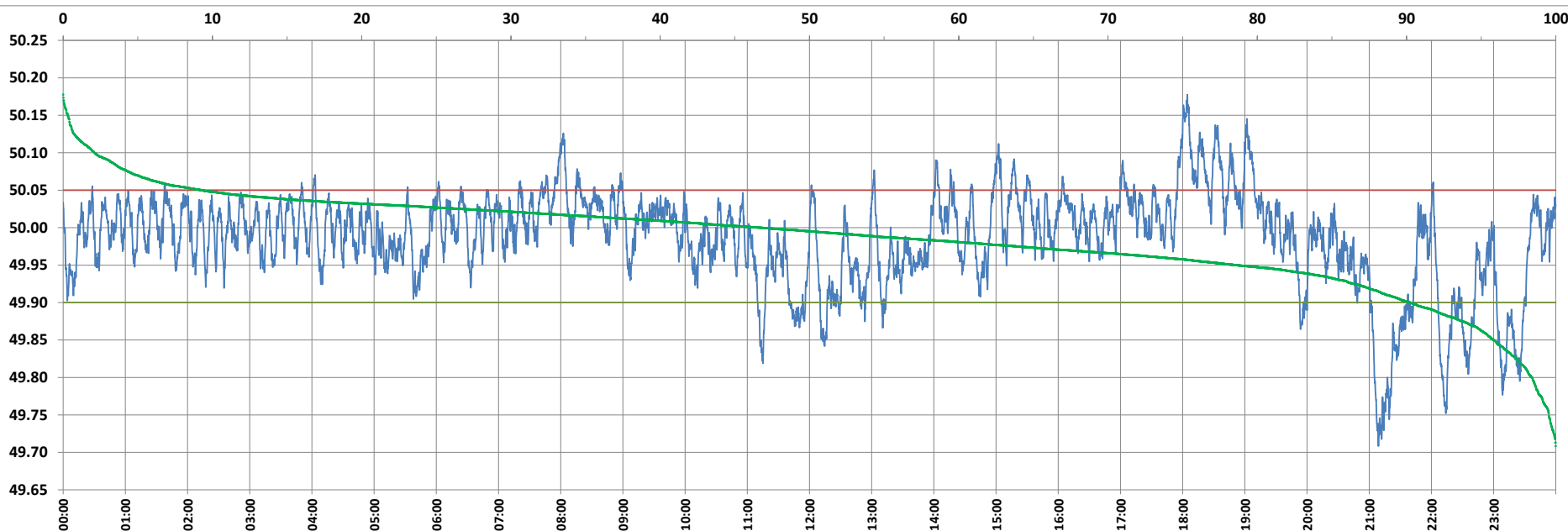


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-May-2022 (Sunday)



<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	9.76	32.71	1.61	8.15	43.55	44.59	2.09	80.96	100.00	45.23	7.19	46.69	22.06	9.28	0.00	21.40	69.32	11.64

Average Frequency : 49.986	Frequency Variation Index : 0.0427	Standard Deviation : 0.0637	Mileage: 43.4	FDI: 19.0
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.178	18:04:30
Min	49.708	21:08:50

15 minute Average Frequency		
Max	50.112	18:15:00
Min	49.791	21:15:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	154
above 50.00 Hz	171
below 50.00 Hz	170

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:01:45

No. of hours freq outside 49.9-50.05 Hz	4:34:10
---	---------

Source : BALIPARA 10 Sec. (8640 samples)