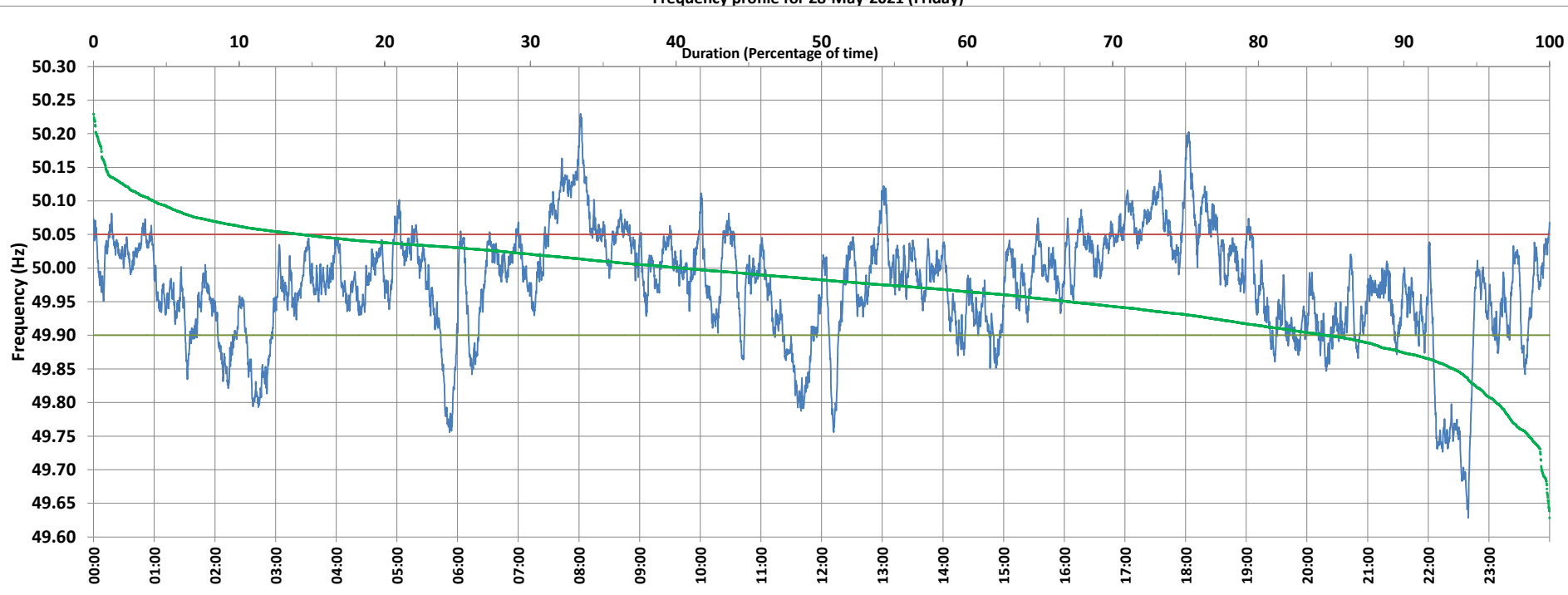


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-May-2021 (Friday)



<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
0.53	15.39	42.71	3.14	11.72	44.26	36.23	3.92	70.35	99.27	32.13	10.14	40.35	25.16	14.26	0.20	33.00	52.74	17.60

Average Frequency : 49.975	Frequency Variation Index : 0.0719	Standard Deviation : 0.0809	Mileage: 44.3	FDI: 29.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.230	8:01:30
Min	49.628	22:39:30

15 minute Average Frequency		
Max	50.131	8:00:00
Min	49.727	22:45:00

No. of excursions	
above 50.03 Hz	110
below 49.97 Hz	122
above 50.00 Hz	127
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:02
above 50.03	0:03:18

No. of hours freq outside 49.9-50.05 Hz	7:07:00
---	---------

Source : BALIPARA 10 Sec. (8640 samples)