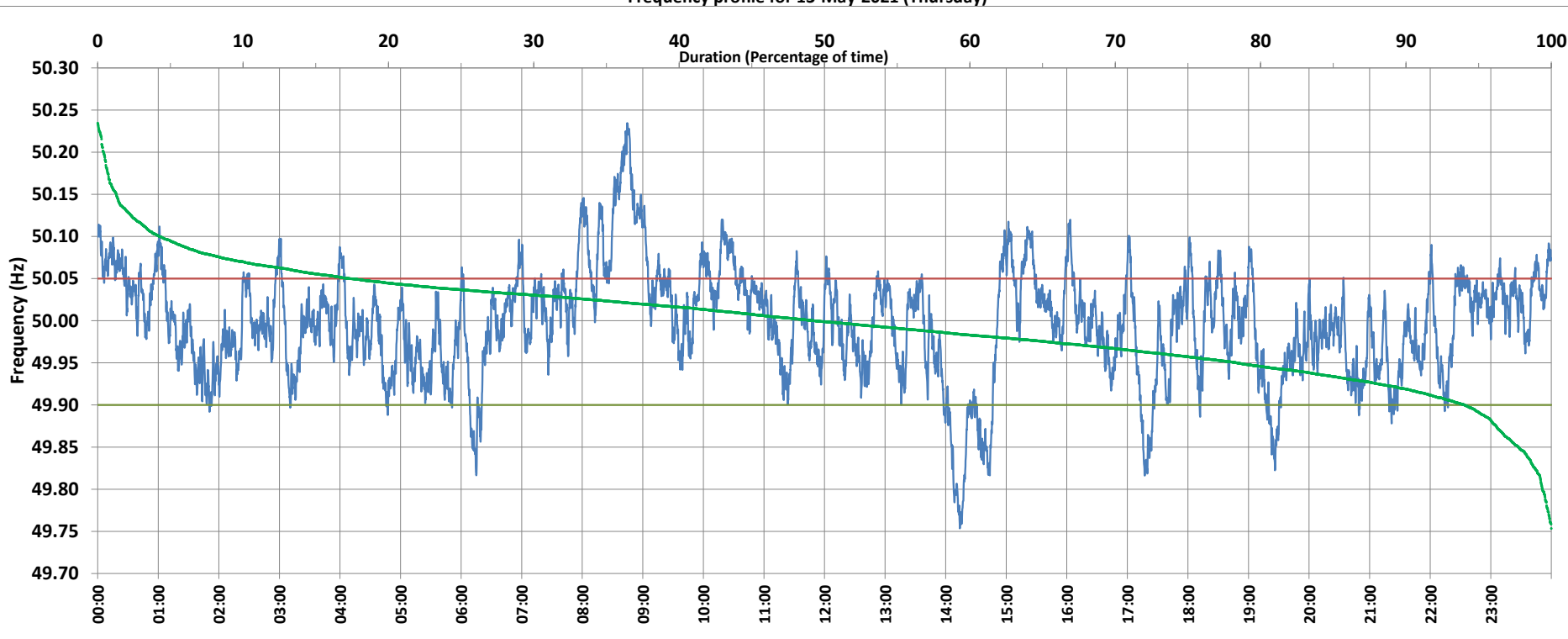


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-May-2021 (Thursday)



<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	5.97	31.74	0.63	5.35	44.76	45.02	3.84	76.69	99.59	38.00	13.09	49.27	30.27	17.34	0.41	21.62	61.04	15.65

Average Frequency : 49.996	Frequency Variation Index : 0.0416	Standard Deviation : 0.0644	Mileage: 45.9	FDI: 23.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.235	8:44:30
Min	49.754	14:14:00

15 minute Average Frequency		
Max	50.176	8:45:00
Min	49.833	14:15:00

No. of excursions	
above 50.03 Hz	162
below 49.97 Hz	130
above 50.00 Hz	168
below 50.00 Hz	167

Average time freq per excursion remains	
below 49.97	0:03:31
above 50.03	0:02:41

No. of hours freq outside 49.9-50.05 Hz	5:35:40
---	---------

Source : AGRA 10 Sec. (8640 samples)