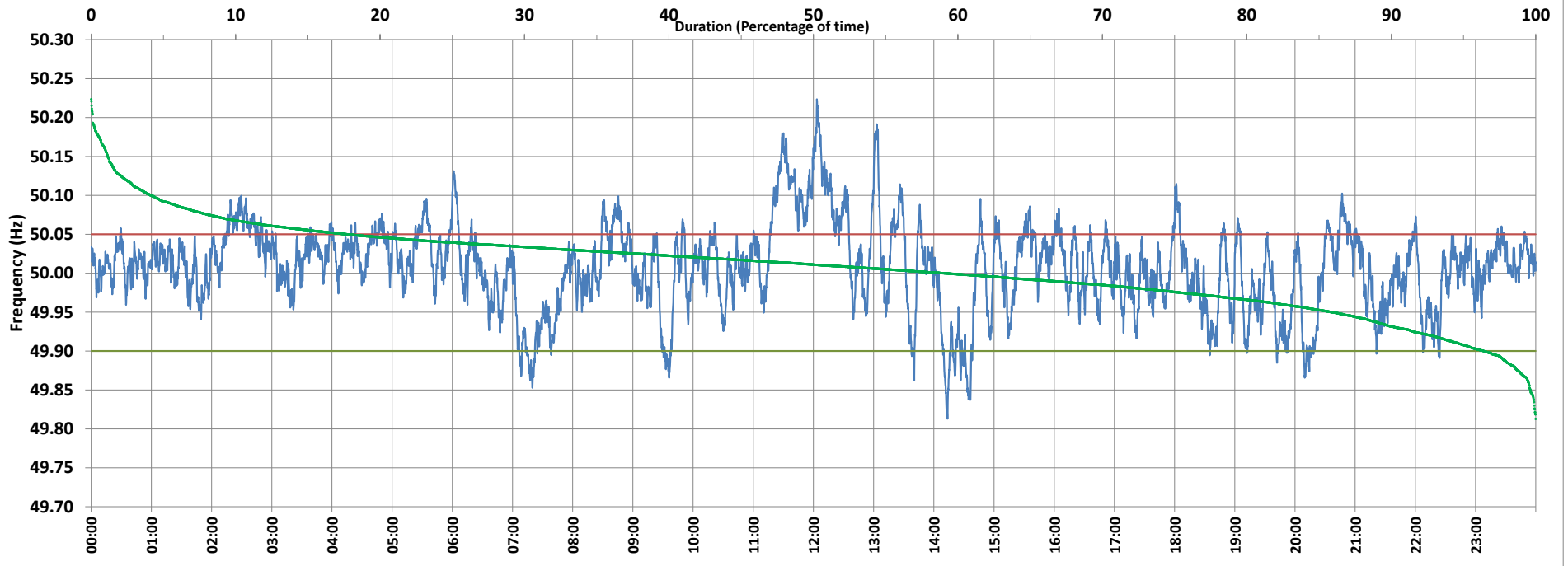


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 17-Jun-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	3.59	21.96	0.00	3.59	37.35	54.94	4.02	78.69	99.90	44.87	13.60	59.06	33.17	17.72	0.10	14.12	68.16	10.53

Average Frequency : 50.007	Frequency Variation Index : 0.0306	Standard Deviation : 0.0549	Mileage: 45.2	FDI: 21.3
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.224	12:03:20
Min	49.813	14:13:30

15 minute Average Frequency		
Max	50.153	12:15:00
Min	49.901	7:30:00

No. of excursions	
above 50.03 Hz	188
below 49.97 Hz	112
above 50.00 Hz	179
below 50.00 Hz	179

Average time freq per excursion remains	
below 49.97	0:02:49
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:06:50
---	---------

Source : AGRA 10 Sec. (8640 samples)