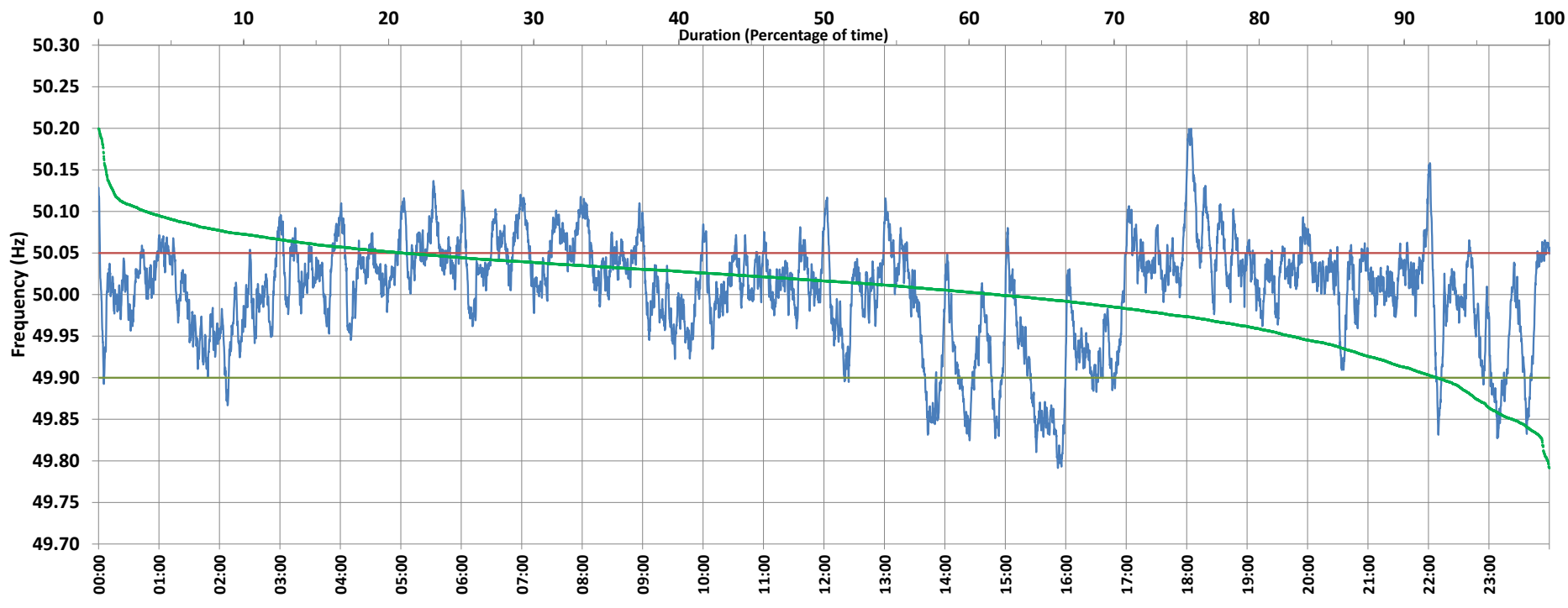


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Apr-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	7.79	23.65	0.10	7.69	30.37	58.60	3.24	71.27	100.00	38.36	17.70	61.84	38.00	20.94	0.00	17.78	61.28	9.99

Average Frequency : 50.005	Frequency Variation Index : 0.0398	Standard Deviation : 0.0629	Mileage: 42.2	FDI: 28.7
----------------------------	------------------------------------	-----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.200	18:04:20
Min	49.791	15:52:10

15 minute Average Frequency		
Max	50.124	18:15:00
Min	49.832	16:00:00

No. of excursions	
above 50.03 Hz	200
below 49.97 Hz	72
above 50.00 Hz	135
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:04:44
above 50.03	0:02:44

No. of hours freq outside 49.9-50.05 Hz	6:53:40
---	---------

Source : AGRA 10 Sec. (8640 samples)