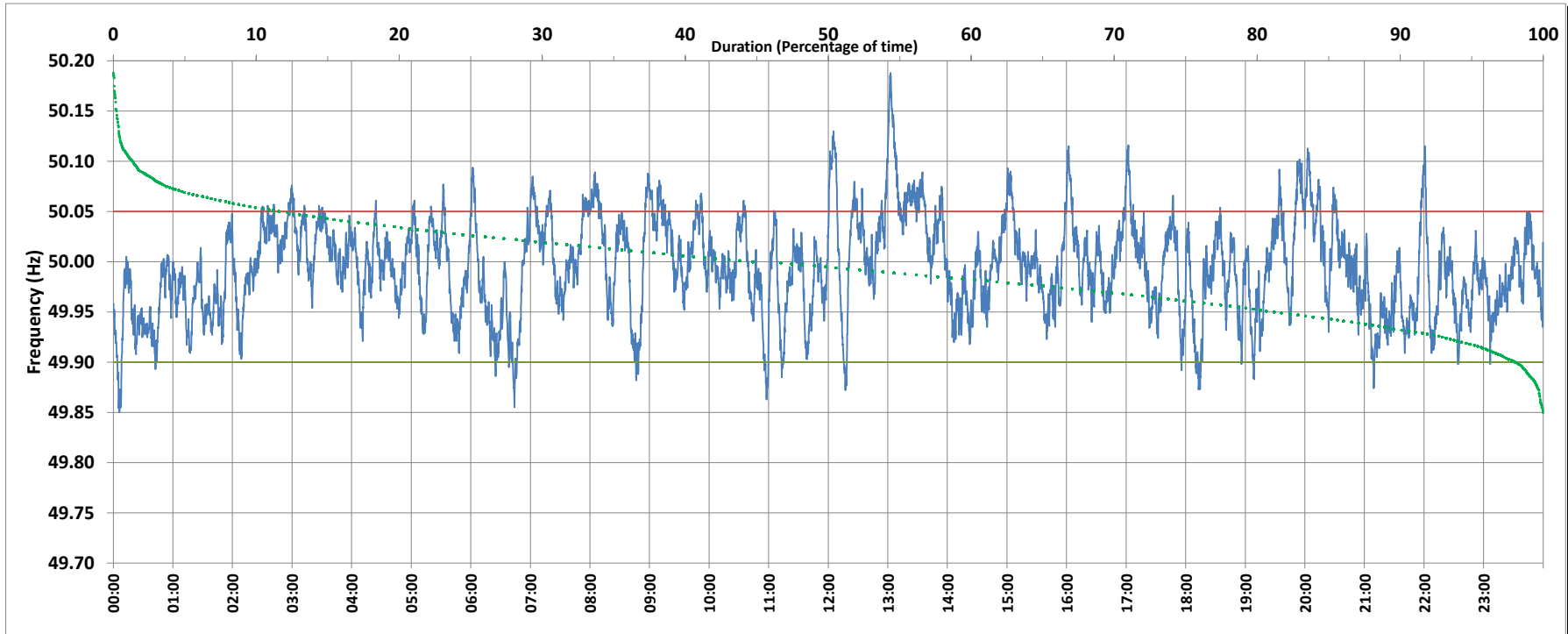


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Aug-2018 (Saturday)



<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
0.0	1.8	30.2	0.0	1.8	51.5	45.3	1.4	86.6	100.0	47.3	10.8	44.7	22.5	11.6	0.0	18.3	70.1	16.5

Average Frequency : 49.994	Frequency Variation Index : 0.023	Standard Deviation : 0.047	Mileage: 45.4	FDI: 13.4
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.188	13:02:40
Min	49.850	0:06:00

15 minute Average Frequency		
Max	50.106	13:15:00
Min	49.928	6:30:00

No. of excursions	
above 50.03 Hz	128
below 49.97 Hz	148
above 50.00 Hz	120
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:56
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	3:12:40
---	---------

Source : BALLIA:Frequency 10 Sec. (8640 samples)