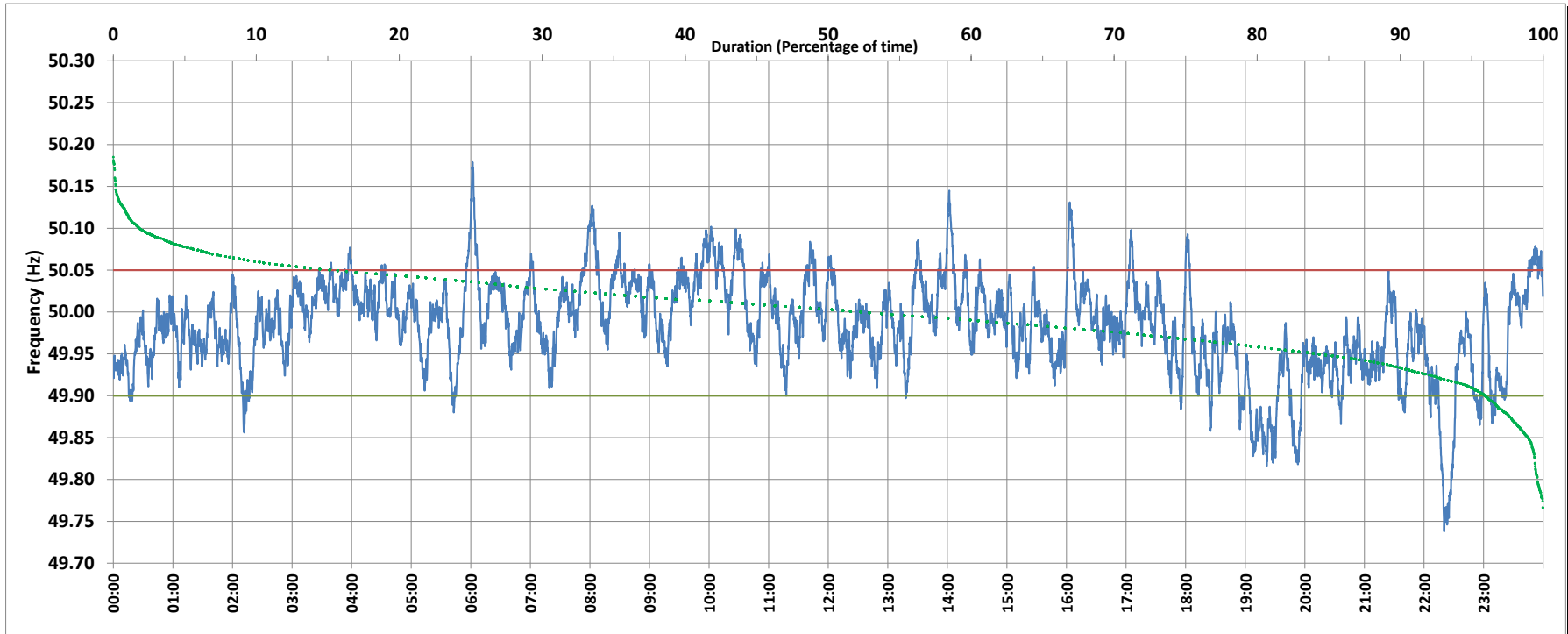


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Jul-2018 (Sunday)



<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	6.9	36.8	0.6	6.4	52.1	39.7	1.3	83.9	100.0	43.5	8.2	39.3	19.7	9.1	0.0	24.4	66.5	17.4

Average Frequency : 49.984	Frequency Variation Index : 0.034	Standard Deviation : 0.056	Mileage: 44.9	FDI: 16.1
----------------------------	-----------------------------------	----------------------------	---------------	-----------

Instantaneous Frequency		
Max	50.179	6:01:40
Min	49.738	22:20:10

15 minute Average Frequency		
Max	50.068	10:15:00
Min	49.794	22:30:00

No. of excursions	
above 50.03 Hz	124
below 49.97 Hz	124
above 50.00 Hz	117
below 50.00 Hz	121

Average time freq per excursion remains	
below 49.97	0:04:16
above 50.03	0:02:18

No. of hours freq outside 49.9-50.05 Hz	3:51:20
---	---------

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