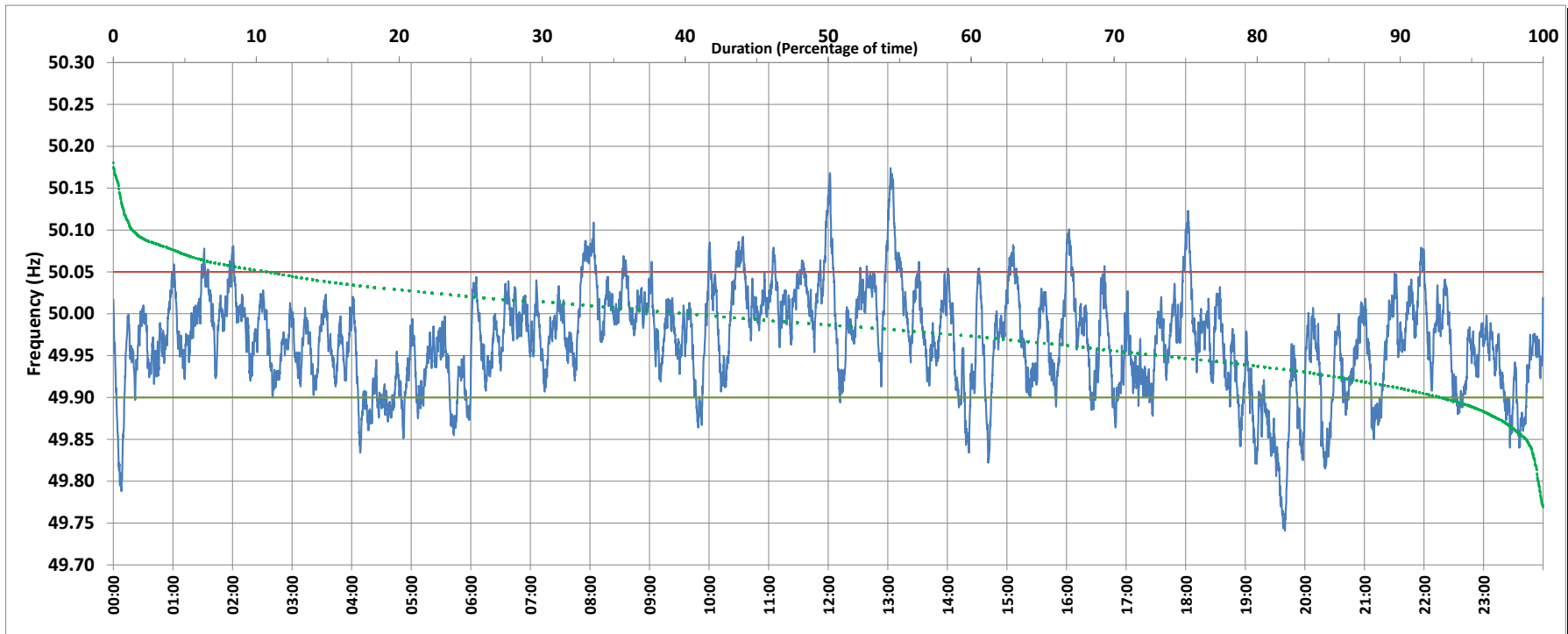


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Jul-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	12.7	49.2	0.6	12.1	57.2	29.0	1.1	80.7	100.0	38.0	5.8	28.6	12.8	6.6	0.0	36.0	57.4	23.3

Average Frequency : 49.967	Frequency Variation Index : 0.046	Standard Deviation : 0.059	Mileage: 46.9	FDI: 19.3
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Instantaneous Frequency		
Max	50.174	13:02:40
Min	49.741	19:39:50

15 minute Average Frequency		
Max	50.097	13:15:00
Min	49.801	19:45:00

No. of excursions	
above 50.03 Hz	55
below 49.97 Hz	140
above 50.00 Hz	119
below 50.00 Hz	112

Average time freq per excursion remains	
below 49.97	0:05:04
above 50.03	0:03:21

No. of hours freq outside 49.9-50.05 Hz	4:37:50
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Source : BALLIA:Frequency 10 Sec. (8640 samples)