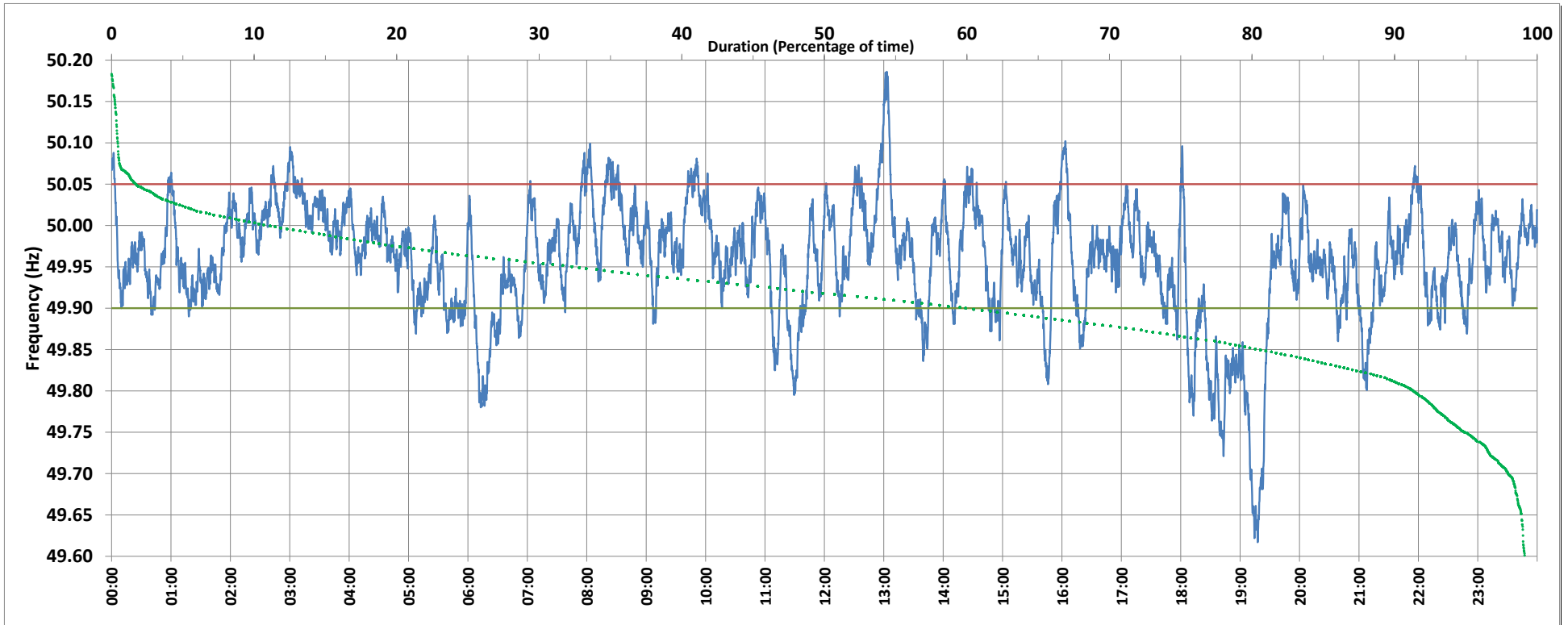


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 28-Aug-2018 (Tuesday)



<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
0.9	16.3	52.7	2.2	13.3	55.8	27.4	0.5	78.1	99.1	35.0	5.3	26.8	12.3	5.6	0.0	39.5	54.9	23.2

Average Frequency : 49.958	Frequency Variation Index : 0.067	Standard Deviation : 0.070	Mileage: 46.0	FDI: 21.9
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Instantaneous Frequency		
Max	50.186	13:03:10
Min	49.617	19:17:50

15 minute Average Frequency		
Max	50.063	13:15:00
Min	49.740	19:30:00

No. of excursions	
above 50.03 Hz	72
below 49.97 Hz	143
above 50.00 Hz	88
below 50.00 Hz	79

Average time freq per excursion remains	
below 49.97	0:05:19
above 50.03	0:02:28

No. of hours freq outside 49.9-50.05 Hz	5:15:10
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Source : SRIPERUMBUDUR:Frequency 10 Sec. (8640 samples)