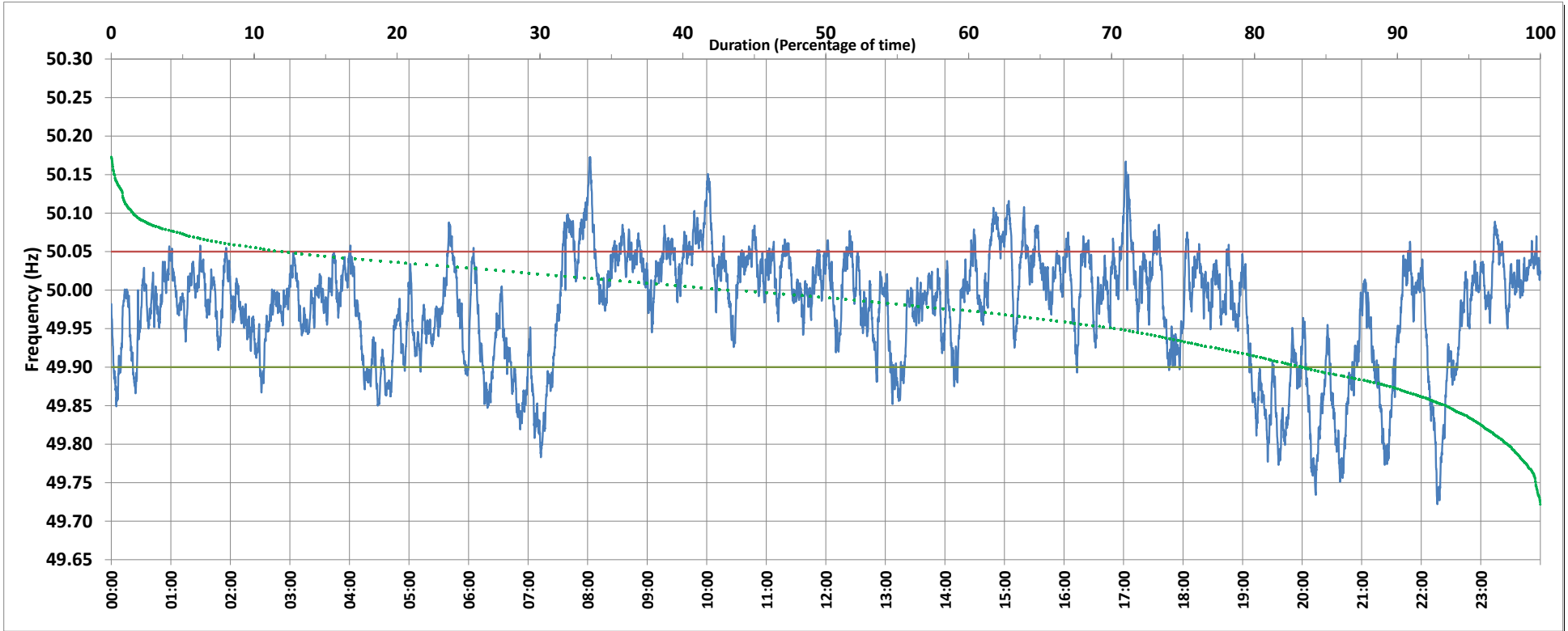


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Aug-2019 (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
0.00	16.45	37.88	2.26	14.19	39.12	42.88	1.55	71.62	100.00	37.91	10.88	43.13	24.21	11.93	0.00	29.36	58.70	12.92

Average Frequency : 49.977	Frequency Variation Index : 0.0590	Standard Deviation : 0.0732	Mileage: 47.5	FDI: 28.4
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Instantaneous Frequency		
Max	50.173	8:02:30
Min	49.722	22:16:10

15 minute Average Frequency		
Max	50.077	10:00:00
Min	49.802	20:45:00

No. of excursions	
above 50.03 Hz	125
below 49.97 Hz	98
above 50.00 Hz	116
below 50.00 Hz	114

Average time freq per excursion remains	
below 49.97	0:05:34
above 50.03	0:02:47

No. of hours freq outside 49.9-50.05 Hz	6:48:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)