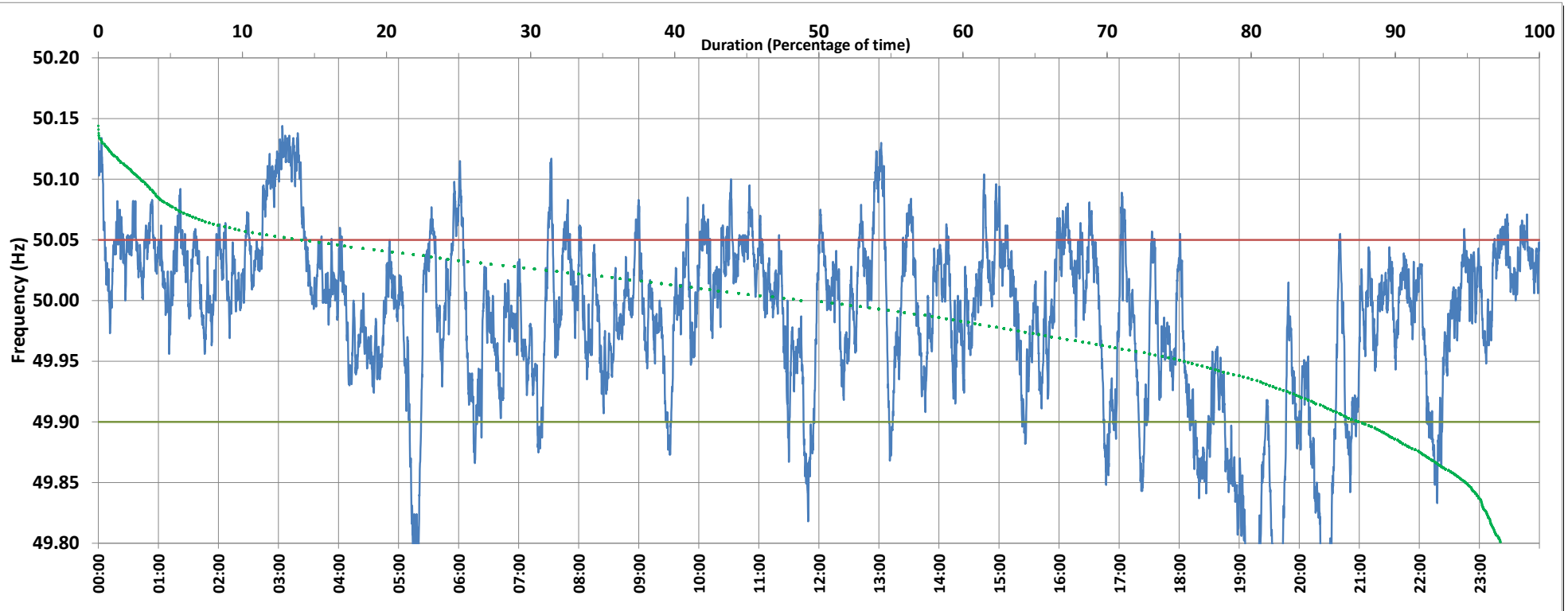


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-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
0.59	12.28	33.29	2.09	9.59	37.53	47.20	2.99	73.62	99.41	39.47	11.76	48.76	27.25	14.10	0.00	24.39	61.52	12.11

Average Frequency : 49.985	Frequency Variation Index : 0.0584	Standard Deviation : 0.0748	Mileage: 50.0	FDI: 26.4
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Instantaneous Frequency		
Max	50.144	3:03:50
Min	49.594	19:11:10

15 minute Average Frequency		
Max	50.122	3:15:00
Min	49.741	19:15:00

No. of excursions	
above 50.03 Hz	145
below 49.97 Hz	102
above 50.00 Hz	116
below 50.00 Hz	120

Average time freq per excursion remains	
below 49.97	0:04:42
above 50.03	0:02:42

No. of hours freq outside 49.9-50.05 Hz	6:19:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)