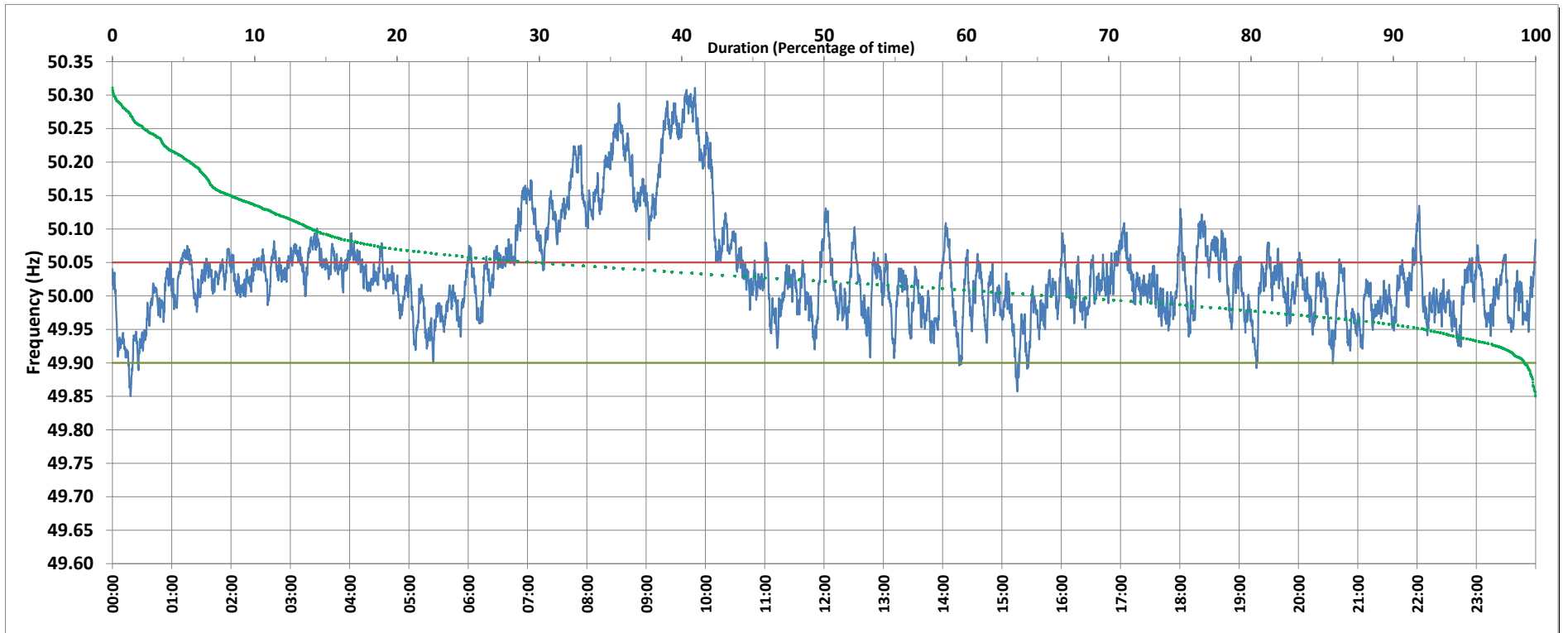


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jun-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	0.76	15.41	0.00	0.76	32.05	53.11	8.59	69.50	94.51	40.86	16.17	65.95	43.74	29.73	5.49	7.65	62.62	6.89

Average Frequency : 50.034	Frequency Variation Index : 0.0676	Standard Deviation : 0.0748	Mileage: 46.8	FDI: 30.5
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Instantaneous Frequency		
Max	50.311	9:49:20
Min	49.850	0:18:20

15 minute Average Frequency		
Max	50.270	9:45:00
Min	49.911	0:30:00

No. of excursions	
above 50.03 Hz	150
below 49.97 Hz	98
above 50.00 Hz	109
below 50.00 Hz	109

Average time freq per excursion remains	
below 49.97	0:02:16
above 50.03	0:04:12

No. of hours freq outside 49.9-50.05 Hz	7:19:10
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)