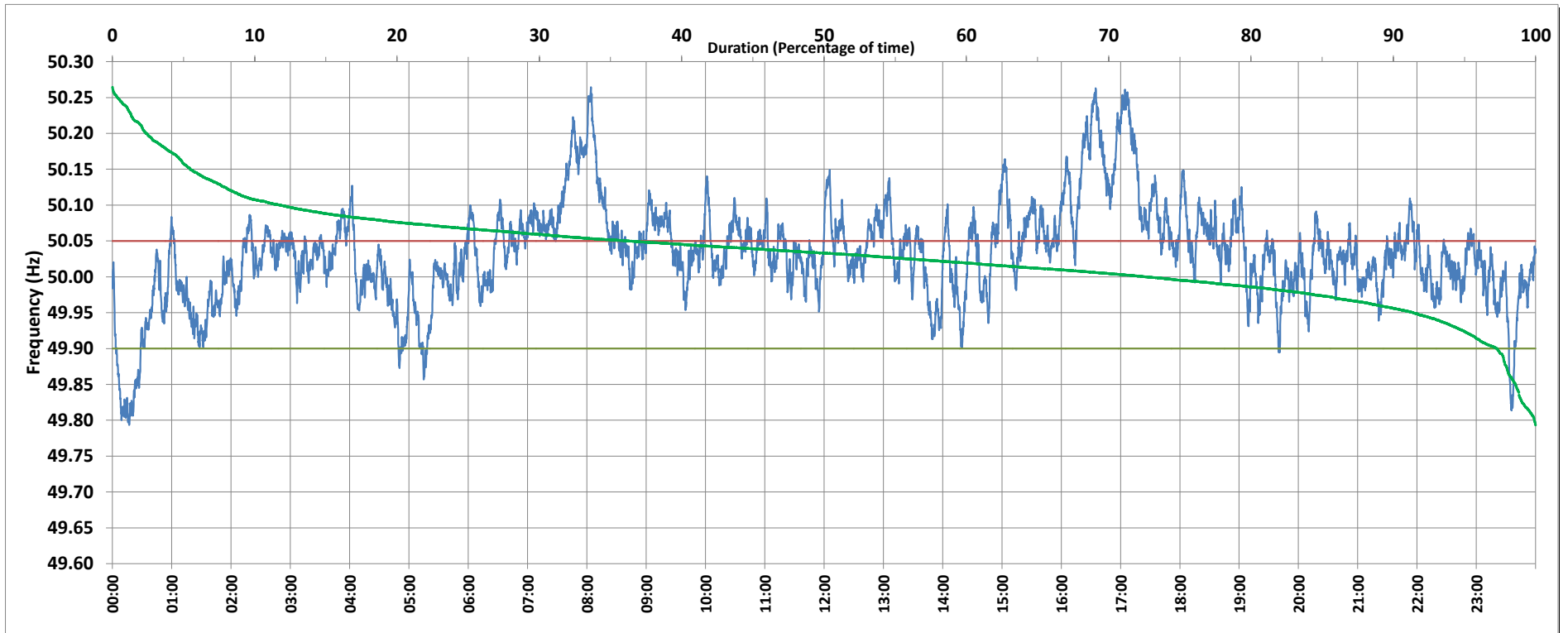


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Jun-2019 (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
0.00	2.74	13.96	0.08	2.66	24.55	60.88	9.47	60.98	97.64	33.38	24.51	72.63	52.66	36.27	2.36	8.58	55.15	5.83

Average Frequency : 50.033	Frequency Variation Index : 0.0584	Standard Deviation : 0.0689	Mileage: 44.8	FDI: 39.0
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Instantaneous Frequency		
Max	50.265	8:04:00
Min	49.794	0:16:50

15 minute Average Frequency		
Max	50.223	17:15:00
Min	49.842	0:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	66
above 50.00 Hz	132
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:03:03
above 50.03	0:04:19

No. of hours freq outside 49.9-50.05 Hz	9:21:50
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Source : PATNA:Frequency 10 Sec. (8640 samples)