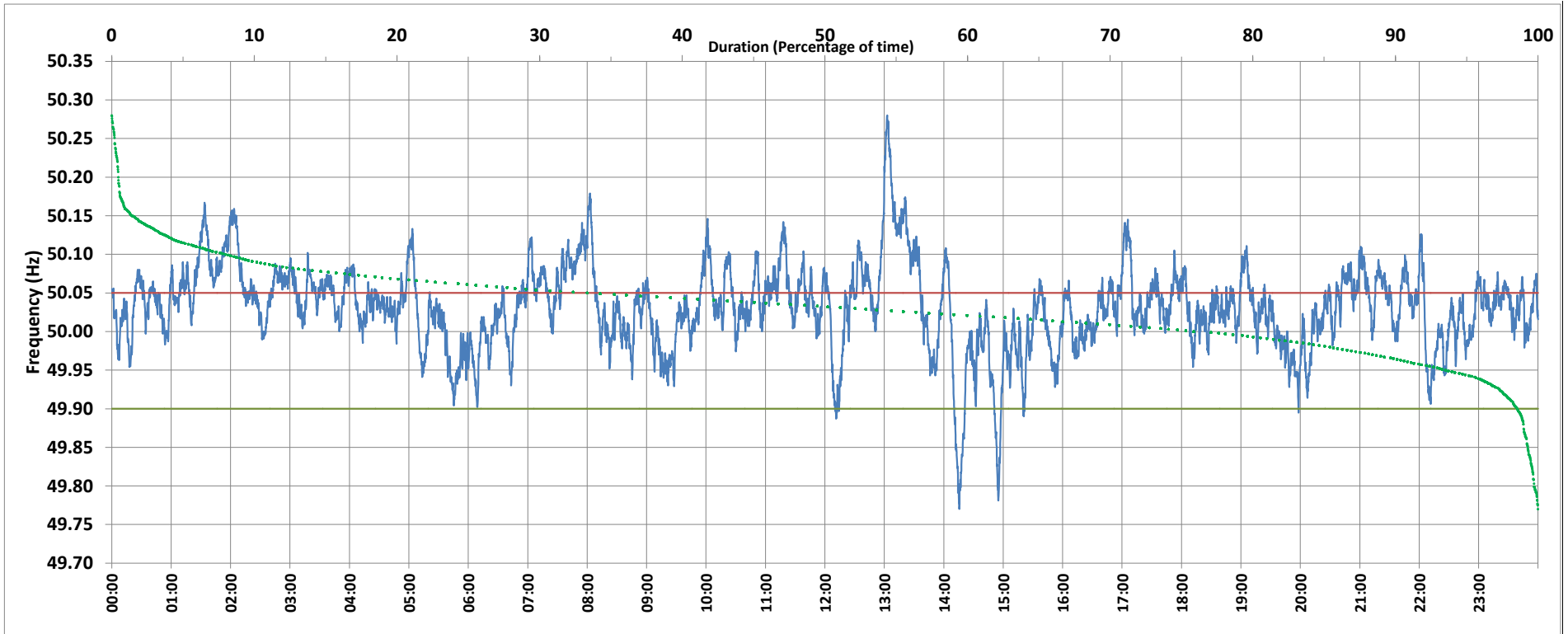


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Jul-2019 (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
0.00	1.45	11.34	0.28	1.17	21.49	68.89	7.70	65.21	99.53	36.54	26.27	75.86	52.12	33.34	0.47	6.30	60.36	4.85

Average Frequency : 50.031	Frequency Variation Index : 0.0387	Standard Deviation : 0.0541	Mileage: 43.3	FDI: 34.8
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Instantaneous Frequency		
Max	50.280	13:02:50
Min	49.770	14:15:40

15 minute Average Frequency		
Max	50.194	13:15:00
Min	49.895	15:00:00

No. of excursions	
above 50.03 Hz	152
below 49.97 Hz	56
above 50.00 Hz	89
below 50.00 Hz	90

Average time freq per excursion remains	
below 49.97	0:02:55
above 50.03	0:04:56

No. of hours freq outside 49.9-50.05 Hz	8:21:00
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)