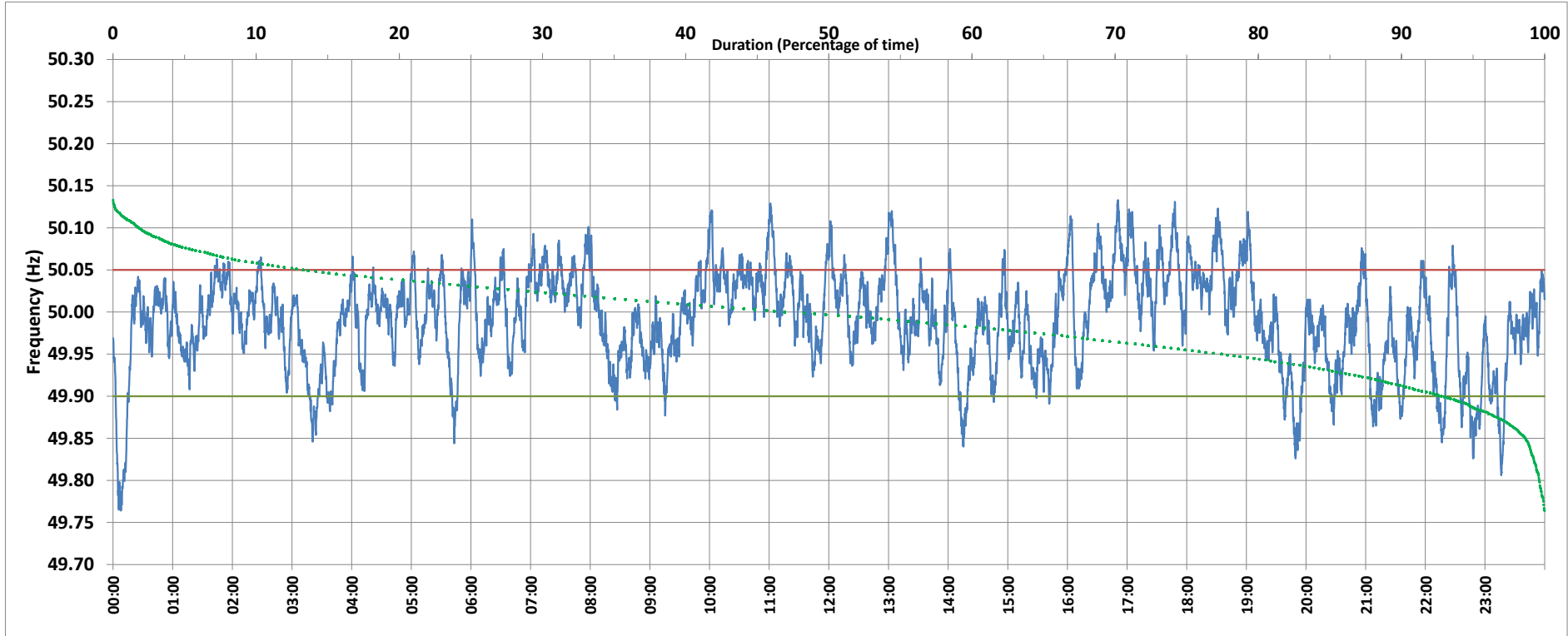


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Apr-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	6.99	32.29	0.38	6.61	44.73	46.38	1.90	79.73	100.00	42.28	11.84	46.92	25.43	13.28	0.00	22.16	64.56	15.17

Average Frequency : 49.991	Frequency Variation Index : 0.0338	Standard Deviation : 0.0575	Mileage: 46.2	FDI: 20.3
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Instantaneous Frequency		
Max	50.133	16:50:50
Min	49.764	0:07:50

15 minute Average Frequency		
Max	50.076	17:00:00
Min	49.837	0:15:00

No. of excursions	
above 50.03 Hz	133
below 49.97 Hz	93
above 50.00 Hz	118
below 50.00 Hz	126

Average time freq per excursion remains	
below 49.97	0:05:00
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	4:51:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)