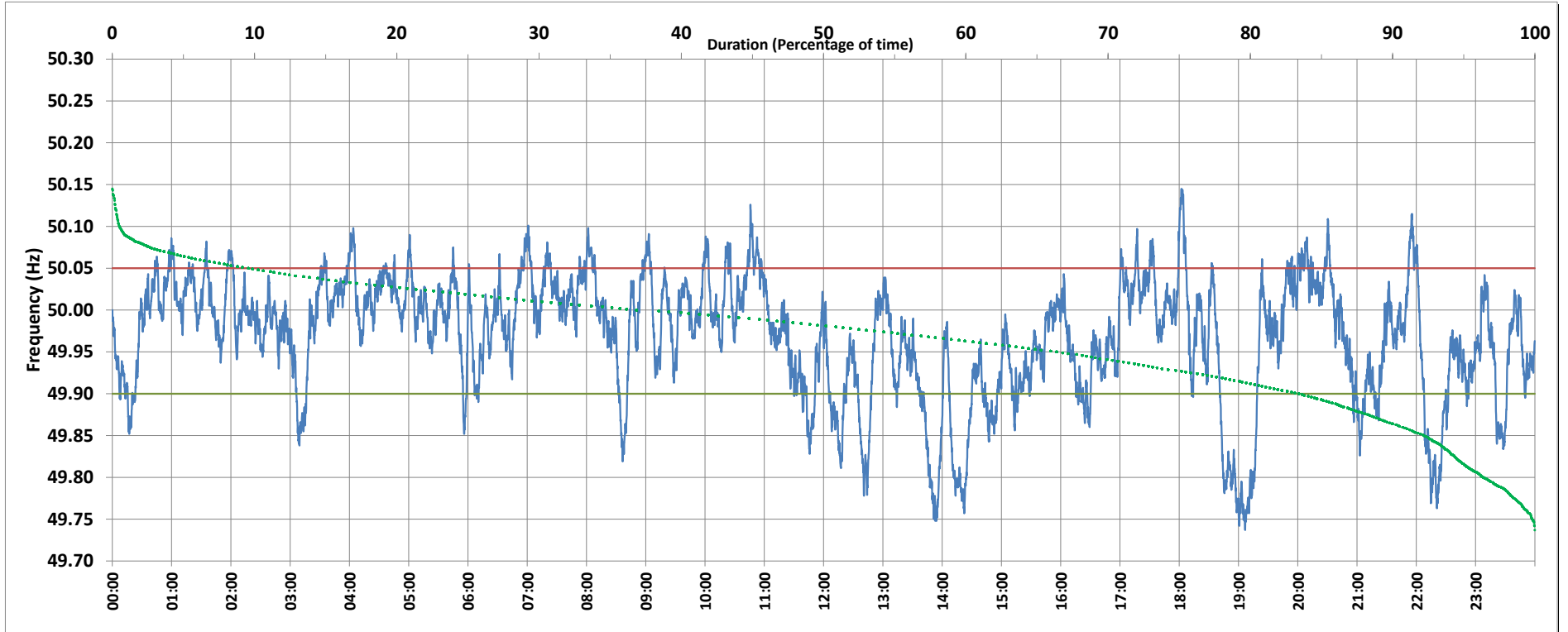


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 10-Apr-2019 (Wednesday)



<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	16.37	43.15	3.53	12.84	45.22	37.89	0.52	74.06	100.00	38.40	9.36	36.85	18.45	9.57	0.00	33.19	57.23	16.83

Average Frequency : 49.968	Frequency Variation Index : 0.0624	Standard Deviation : 0.0722	Mileage: 46.1	FDI: 25.9
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Instantaneous Frequency		
Max	50.145	18:02:10
Min	49.737	19:06:40

15 minute Average Frequency		
Max	50.063	11:00:00
Min	49.771	19:15:00

No. of excursions	
above 50.03 Hz	103
below 49.97 Hz	102
above 50.00 Hz	105
below 50.00 Hz	102

Average time freq per excursion remains	
below 49.97	0:06:05
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	6:13:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)