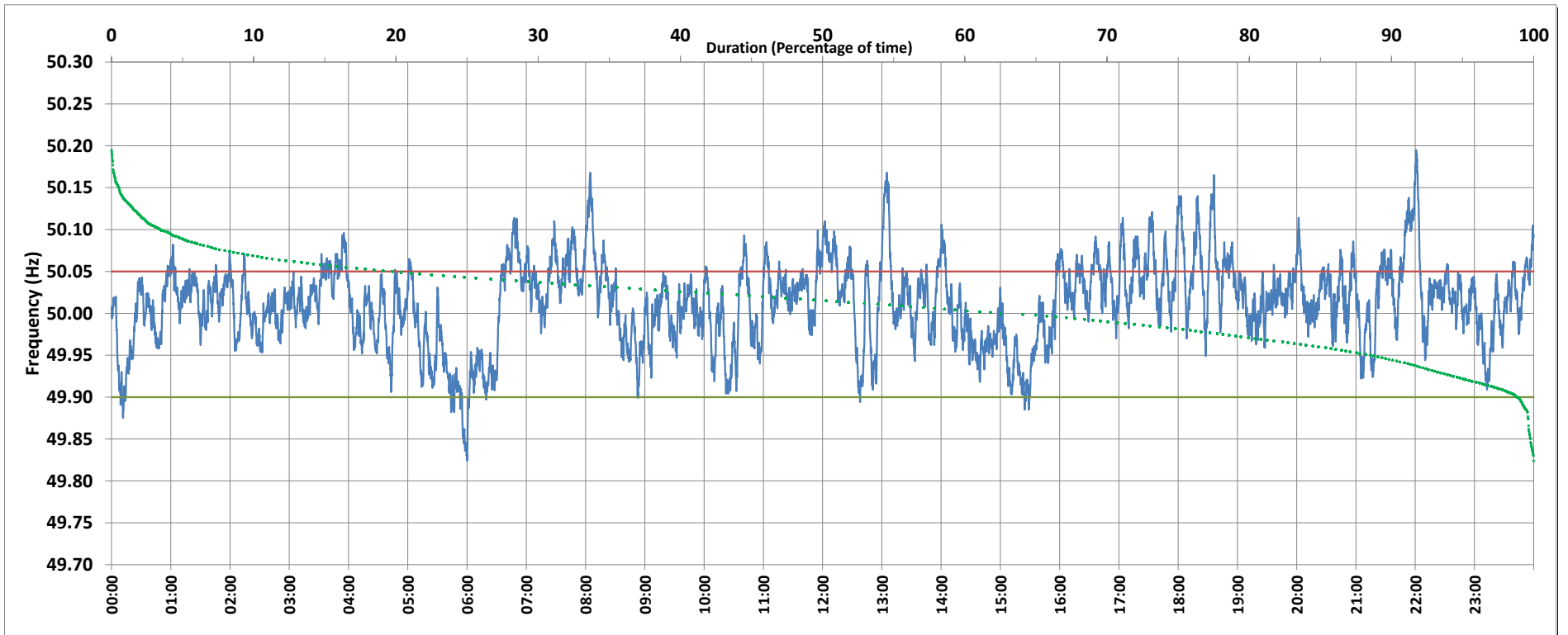


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-Apr-2019 (Monday)



<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	1.08	19.19	0.00	1.08	34.84	60.57	3.52	79.19	100.00	44.41	16.92	62.52	36.40	19.73	0.00	11.24	69.03	10.16

Average Frequency : 50.012	Frequency Variation Index : 0.0261	Standard Deviation : 0.0496	Mileage: 45.8	FDI: 20.8
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Instantaneous Frequency		
Max	50.195	22:00:50
Min	49.824	6:00:00

15 minute Average Frequency			
Max	50.100	22:00:00	
Min	49.889	6:00:00	

No. of excursions	
above 50.03 Hz	174
below 49.97 Hz	90
above 50.00 Hz	115
below 50.00 Hz	118

Average time freq per excursion remains	
below 49.97	0:03:04
above 50.03	0:03:01

No. of hours freq outside 49.9-50.05 Hz	4:59:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)