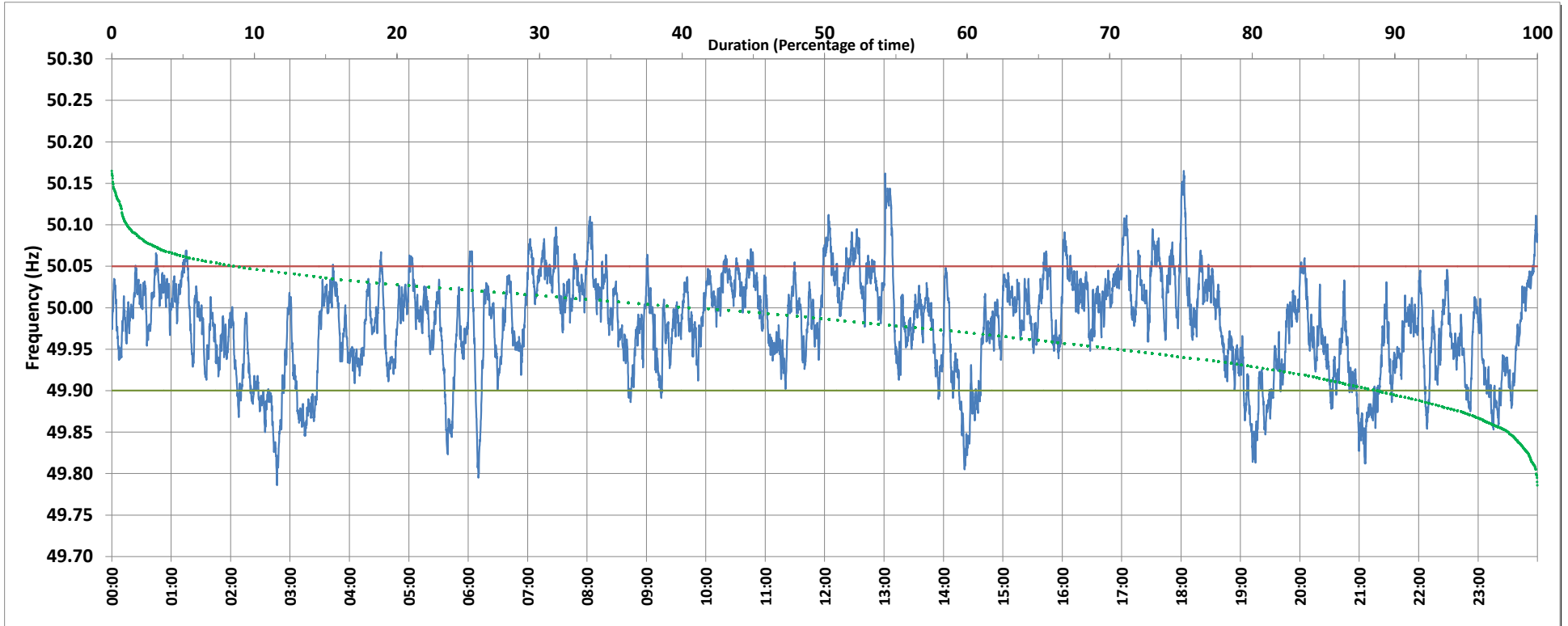


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 11-Apr-2019 (Thursday)



<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	11.03	39.53	0.08	10.95	47.12	40.75	1.10	80.45	100.00	41.91	7.87	40.49	18.56	8.52	0.00	28.98	62.50	17.95

Average Frequency : 49.979	Frequency Variation Index : 0.0388	Standard Deviation : 0.0588	Mileage: 45.7	FDI: 19.5
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Instantaneous Frequency		
Max	50.165	18:02:50
Min	49.786	2:46:50

15 minute Average Frequency		
Max	50.057	12:15:00
Min	49.861	21:15:00

No. of excursions	
above 50.03 Hz	122
below 49.97 Hz	112
above 50.00 Hz	124
below 50.00 Hz	116

Average time freq per excursion remains	
below 49.97	0:05:05
above 50.03	0:02:11

No. of hours freq outside 49.9-50.05 Hz	4:41:30
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)