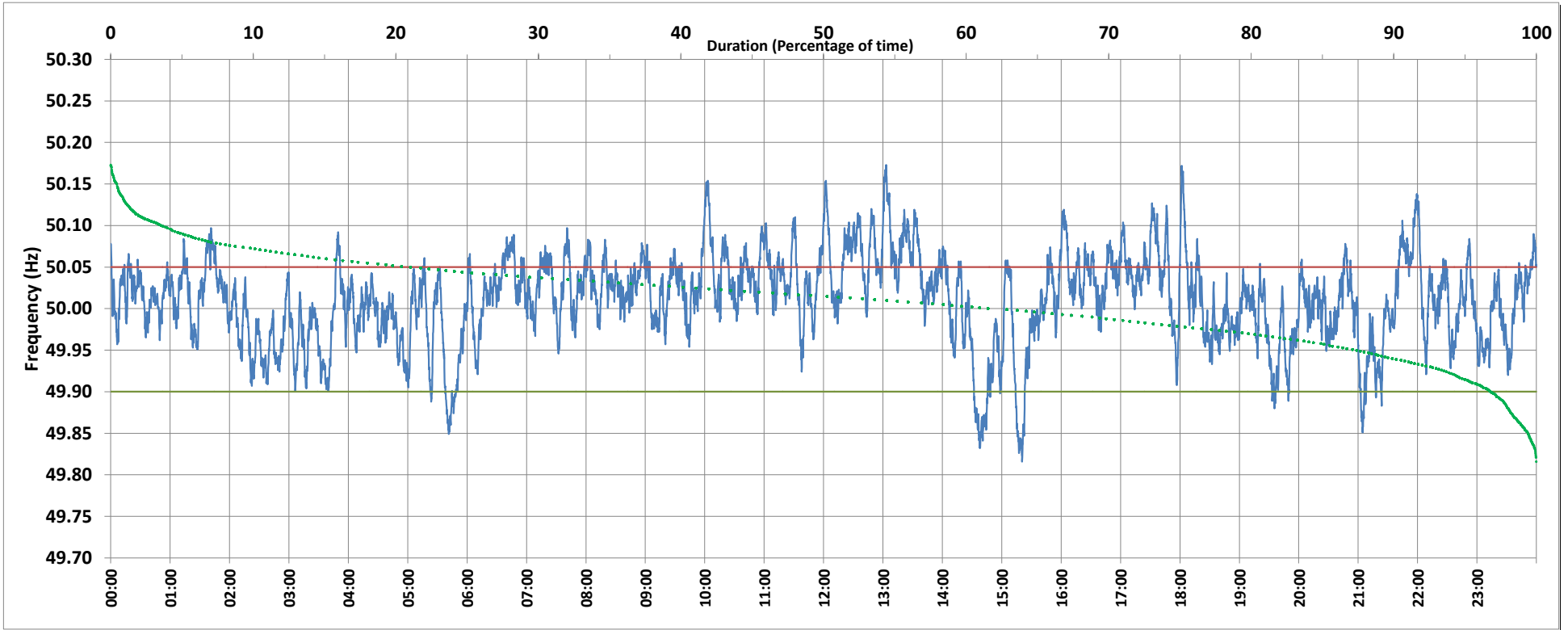


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 18-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	3.13	19.76	0.00	3.13	34.03	59.17	3.68	75.86	100.00	43.76	18.18	61.53	36.48	21.02	0.00	12.36	66.62	9.24

Average Frequency : 50.010	Frequency Variation Index : 0.0292	Standard Deviation : 0.0531	Mileage: 47.0	FDI: 24.1
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Instantaneous Frequency		
Max	50.173	13:03:10
Min	49.816	15:20:30

15 minute Average Frequency		
Max	50.097	13:15:00
Min	49.872	14:45:00

No. of excursions	
above 50.03 Hz	181
below 49.97 Hz	95
above 50.00 Hz	106
below 50.00 Hz	108

Average time freq per excursion remains	
below 49.97	0:03:00
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	5:47:40
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)