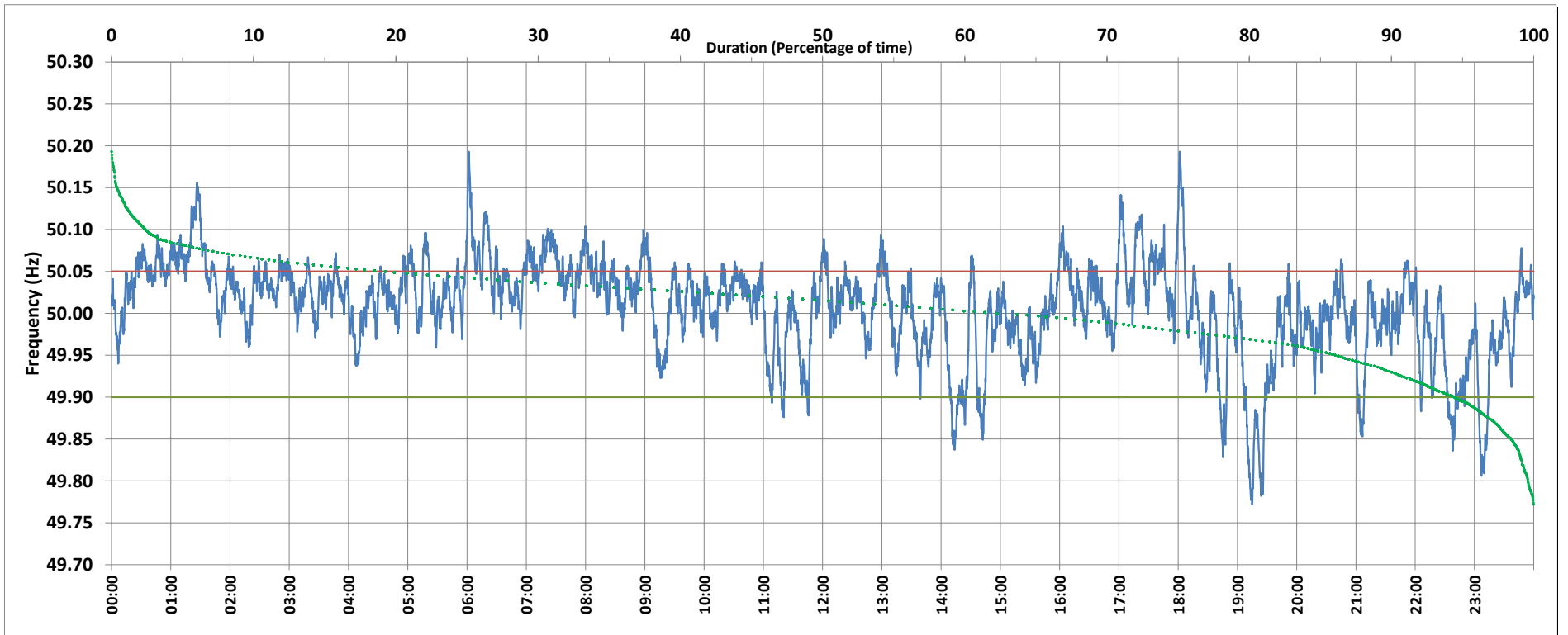


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Apr-2019 (Sunday)



<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	5.51	19.95	0.41	5.10	30.83	61.22	2.44	75.25	100.00	43.77	17.51	62.26	36.27	19.24	0.00	13.74	67.03	8.23

Average Frequency : 50.007	Frequency Variation Index : 0.0328	Standard Deviation : 0.0569	Mileage: 45.7	FDI: 24.7
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Instantaneous Frequency		
Max	50.193	6:01:40
Min	49.772	19:14:50

15 minute Average Frequency		
Max	50.107	1:30:00
Min	49.846	19:30:00

No. of excursions	
above 50.03 Hz	182
below 49.97 Hz	93
above 50.00 Hz	132
below 50.00 Hz	115

Average time freq per excursion remains	
below 49.97	0:03:05
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	5:56:20
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)