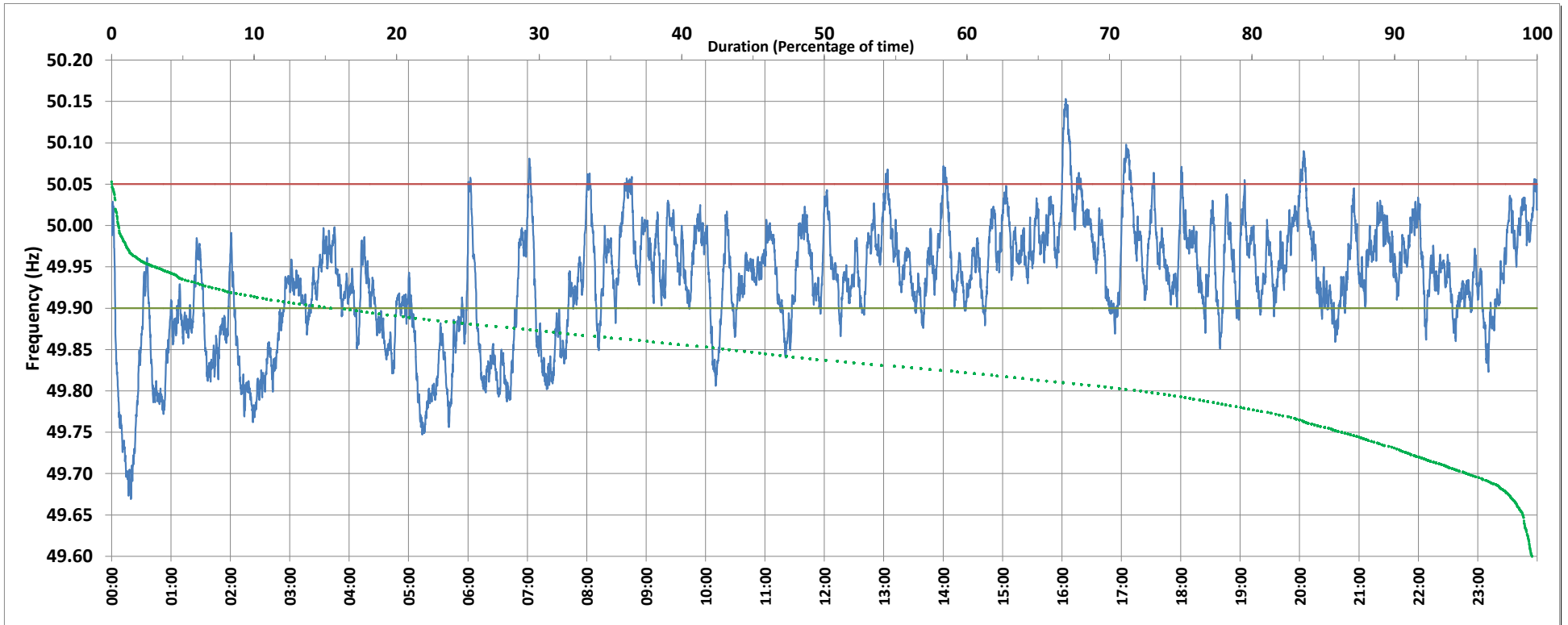


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Sep-2018 (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
0.3	27.4	68.0	4.5	22.6	56.3	15.8	0.5	69.5	99.7	25.9	2.7	15.4	6.1	3.1	0.0	56.2	40.8	28.8

Average Frequency : 49.932	Frequency Variation Index : 0.096	Standard Deviation : 0.071	Mileage: 42.0	FDI: 30.5
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Instantaneous Frequency		
Max	50.153	16:03:40
Min	49.669	0:19:30

15 minute Average Frequency		
Max	50.081	16:15:00
Min	49.744	0:30:00

No. of excursions	
above 50.03 Hz	39
below 49.97 Hz	102
above 50.00 Hz	59
below 50.00 Hz	61

Average time freq per excursion remains	
below 49.97	0:09:36
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	7:18:50
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Source : VIJAYAWADA:Frequency 10 Sec. (8640 samples)