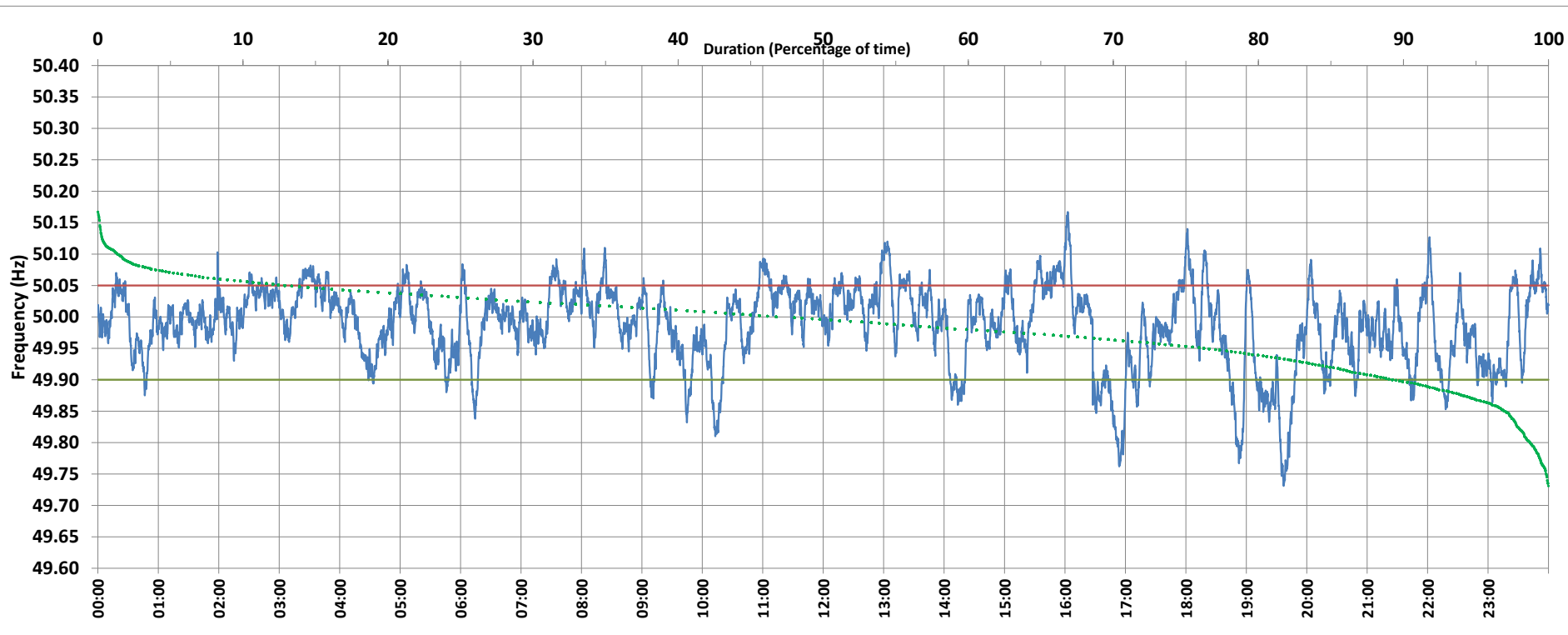


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 16-Jul-2020 (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	10.52	33.10	1.25	9.27	41.47	46.57	1.44	76.61	100.00	41.38	12.03	46.76	25.52	12.87	0.00	23.40	63.73	12.88

Average Frequency : 49.987	Frequency Variation Index : 0.0420	Standard Deviation : 0.0635	Mileage: 44.7	FDI: 23.4
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Instantaneous Frequency		
Max	50.167	16:02:40
Min	49.731	19:37:00

15 minute Average Frequency		
Max	50.068	16:00:00
Min	49.802	19:45:00

No. of excursions	
above 50.03 Hz	111
below 49.97 Hz	116
above 50.00 Hz	103
below 50.00 Hz	89

Average time freq per excursion remains	
below 49.97	0:04:07
above 50.03	0:03:19

No. of hours freq outside 49.9-50.05 Hz	5:36:50
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)