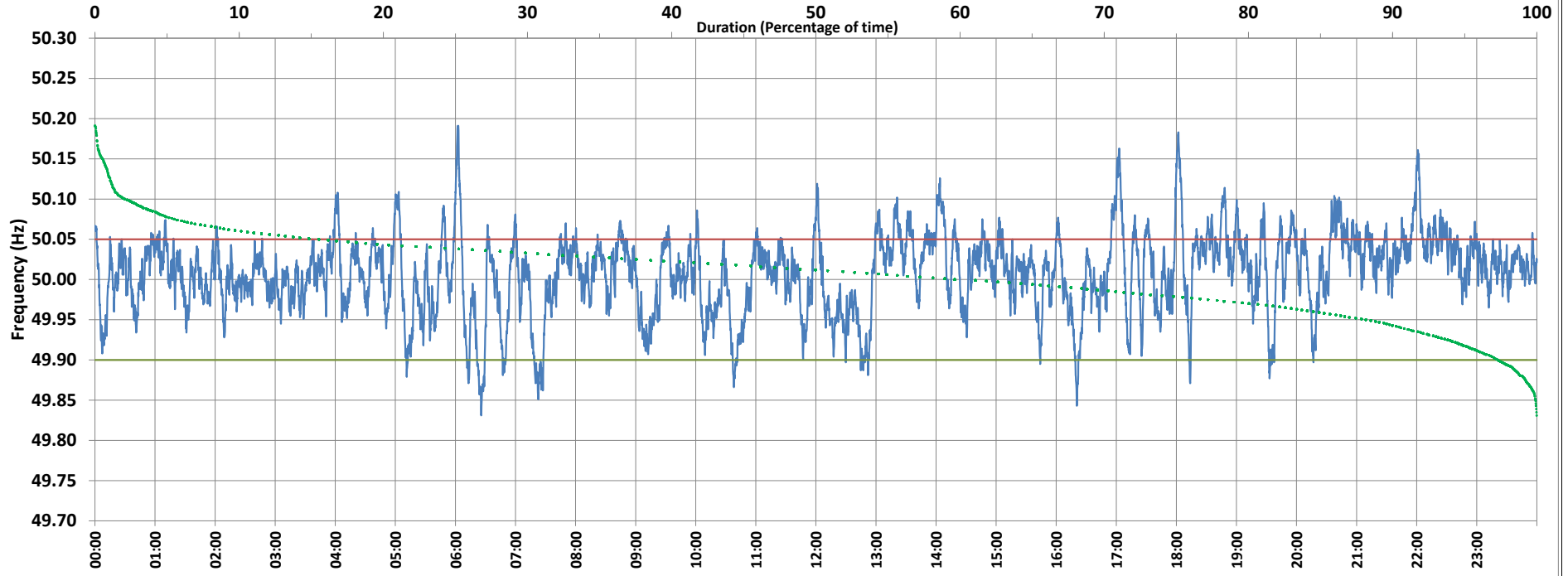


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 09-Nov-2020 (Monday)



<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	2.64	19.36	0.00	2.64	36.30	58.83	2.23	81.84	100.00	48.19	14.11	59.62	32.44	15.52	0.00	11.52	72.96	8.88

Average Frequency : 50.007	Frequency Variation Index : 0.0241	Standard Deviation : 0.0485	Mileage: 49.8	FDI: 18.2
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Instantaneous Frequency		
Max	50.191	6:02:20
Min	49.831	6:25:40

15 minute Average Frequency		
Max	50.070	22:15:00
Min	49.900	7:30:00

No. of excursions	
above 50.03 Hz	195
below 49.97 Hz	108
above 50.00 Hz	136
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:02:35
above 50.03	0:02:24

No. of hours freq outside 49.9-50.05 Hz	4:21:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)