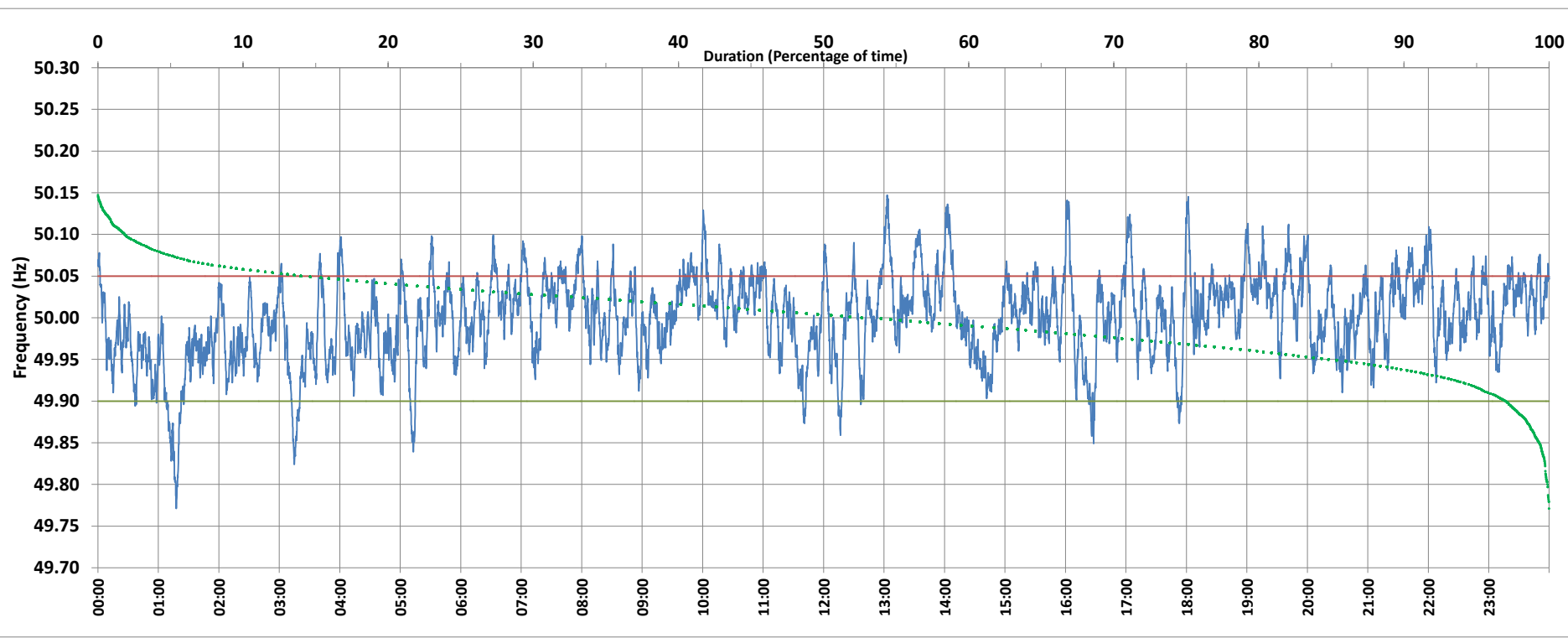


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 20-Nov-2020 (Friday)



<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	2.93	25.49	0.10	2.82	43.11	52.06	1.90	83.09	100.00	46.41	12.78	52.62	28.10	13.98	0.00	14.64	71.38	11.71

Average Frequency : 50.000	Frequency Variation Index : 0.0250	Standard Deviation : 0.0501	Mileage: 51.8	FDI: 16.9
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Instantaneous Frequency		
Max	50.147	13:03:00
Min	49.771	1:17:40

15 minute Average Frequency		
Max	50.063	14:15:00
Min	49.881	1:30:00

No. of excursions	
above 50.03 Hz	167
below 49.97 Hz	141
above 50.00 Hz	147
below 50.00 Hz	148

Average time freq per excursion remains	
below 49.97	0:02:36
above 50.03	0:02:25

No. of hours freq outside 49.9-50.05 Hz	4:03:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)