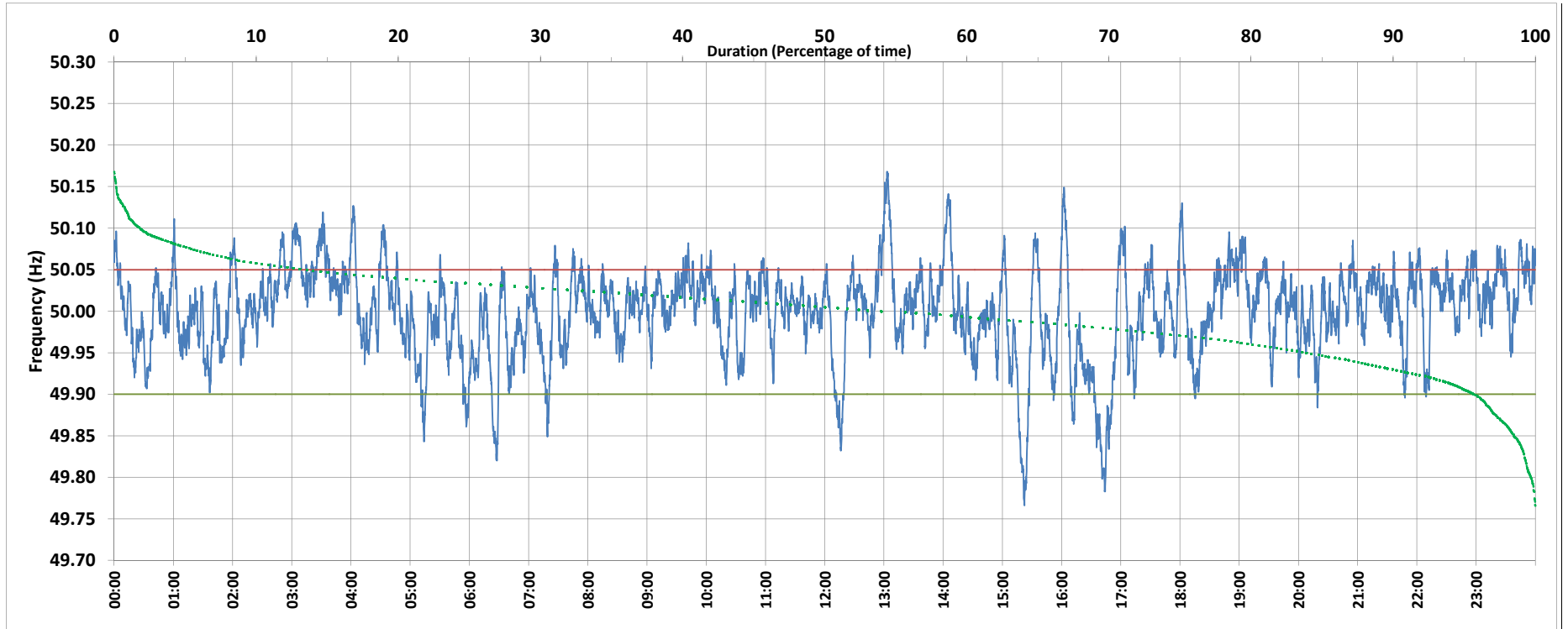


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 18-Nov-2020 (Wednesday)



<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	4.20	23.94	0.30	3.90	40.15	53.81	1.84	82.25	100.00	47.91	12.15	53.97	28.16	13.55	0.00	15.76	70.68	11.56

Average Frequency : 50.000	Frequency Variation Index : 0.0285	Standard Deviation : 0.0535	Mileage: 52.0	FDI: 17.8
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Instantaneous Frequency		
Max	50.168	13:03:10
Min	49.766	15:22:20

15 minute Average Frequency		
Max	50.069	3:15:00
Min	49.857	16:45:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	124
above 50.00 Hz	141
below 50.00 Hz	142

Average time freq per excursion remains	
below 49.97	0:02:47
above 50.03	0:02:04

No. of hours freq outside 49.9-50.05 Hz	4:15:40
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)