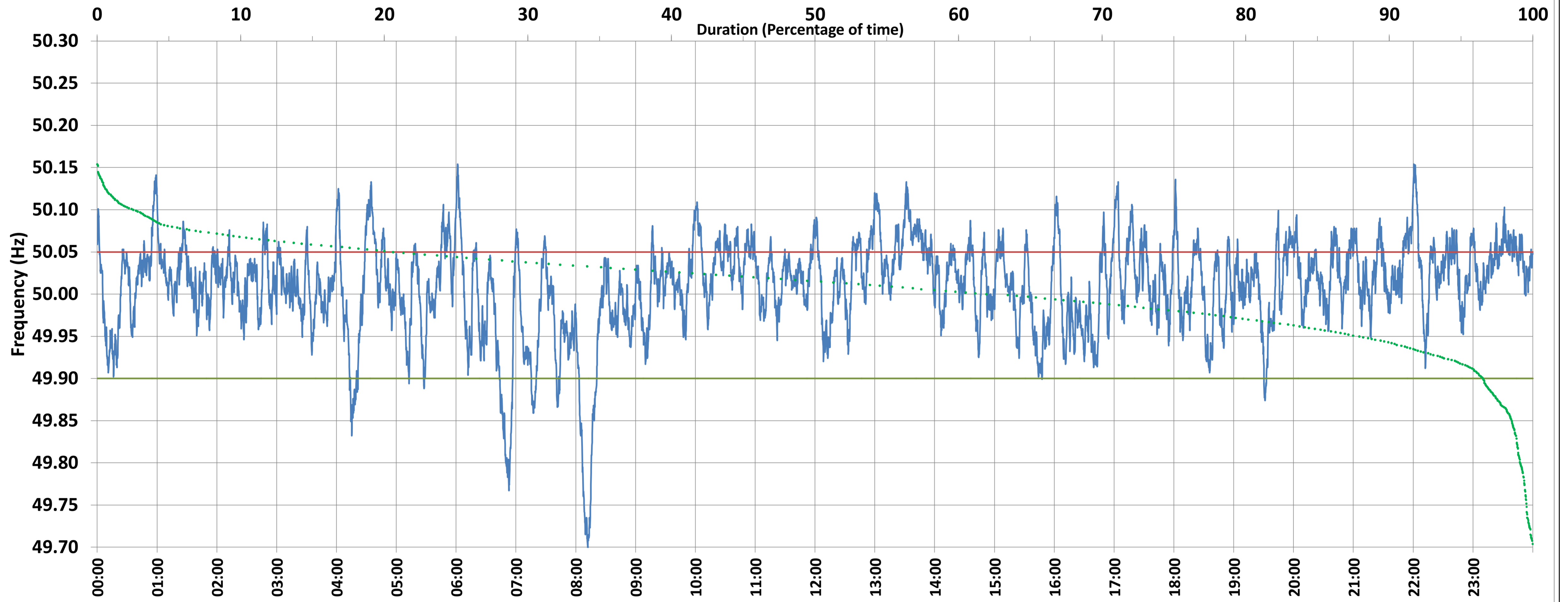


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 27-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
0.01	3.46	19.24	0.87	2.58	33.13	60.72	2.70	75.94	99.99	44.12	18.80	61.93	36.64	20.60	0.00	11.82	67.58	8.36

Average Frequency : 50.009	Frequency Variation Index : 0.0316	Standard Deviation : 0.0556	Mileage: 51.6	FDI: 24.1
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Instantaneous Frequency		
Max	50.154	6:01:30
Min	49.699	8:12:00

15 minute Average Frequency		
Max	50.087	13:45:00
Min	49.804	8:15:00

No. of excursions	
above 50.03 Hz	198
below 49.97 Hz	108
above 50.00 Hz	139
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:02:34
above 50.03	0:02:40

No. of hours freq outside 49.9-50.05 Hz	5:46:30
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)