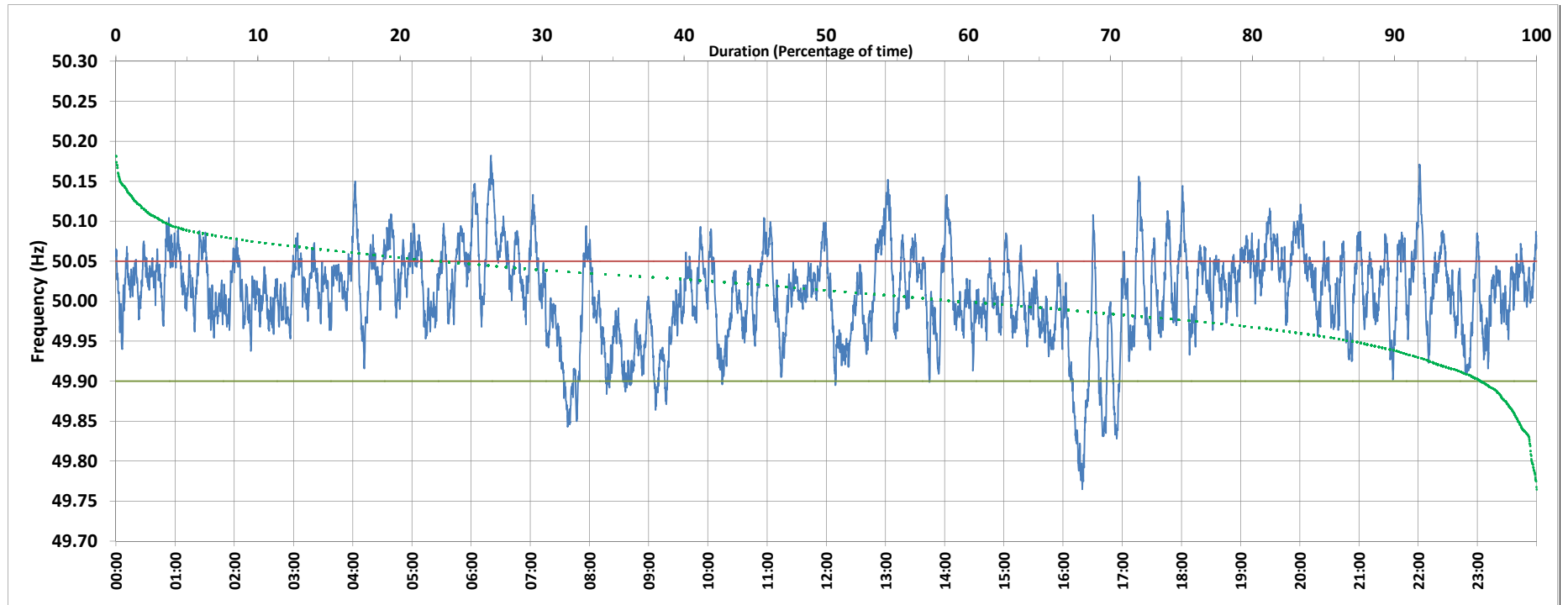


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 26-Nov-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	3.84	20.59	0.35	3.50	35.63	57.22	3.31	73.32	100.00	41.64	20.17	59.27	37.77	22.84	0.00	12.65	64.51	8.81

Average Frequency : 50.010	Frequency Variation Index : 0.0327	Standard Deviation : 0.0563	Mileage: 52.8	FDI: 26.7
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Instantaneous Frequency		
Max	50.182	6:20:00
Min	49.765	16:19:30

15 minute Average Frequency		
Max	50.109	6:30:00
Min	49.861	16:30:00

No. of excursions	
above 50.03 Hz	176
below 49.97 Hz	121
above 50.00 Hz	128
below 50.00 Hz	137

Average time freq per excursion remains	
below 49.97	0:02:27
above 50.03	0:03:05

No. of hours freq outside 49.9-50.05 Hz	6:24:10
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)