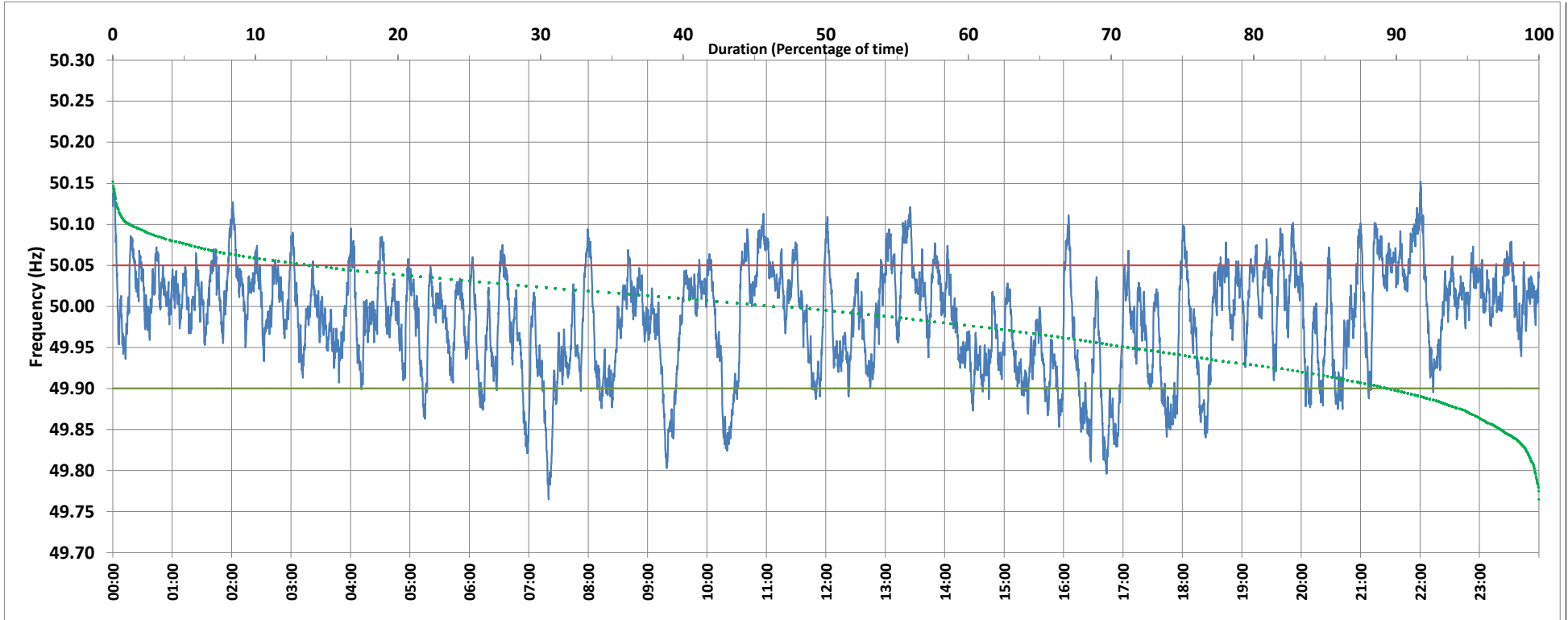


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-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	10.38	36.38	0.29	10.09	42.00	46.35	1.26	75.84	100.00	37.94	13.18	46.32	25.68	13.77	0.00	28.45	57.78	18.07

Average Frequency : 49.985	Frequency Variation Index : 0.0417	Standard Deviation : 0.0629	Mileage: 52.5	FDI: 24.2
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Instantaneous Frequency		
Max	50.152	22:00:20
Min	49.765	7:20:00

15 minute Average Frequency		
Max	50.075	13:30:00
Min	49.854	7:30:00

No. of excursions	
above 50.03 Hz	146
below 49.97 Hz	107
above 50.00 Hz	129
below 50.00 Hz	117

Average time freq per excursion remains	
below 49.97	0:04:54
above 50.03	0:02:32

No. of hours freq outside 49.9-50.05 Hz	5:47:50
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)