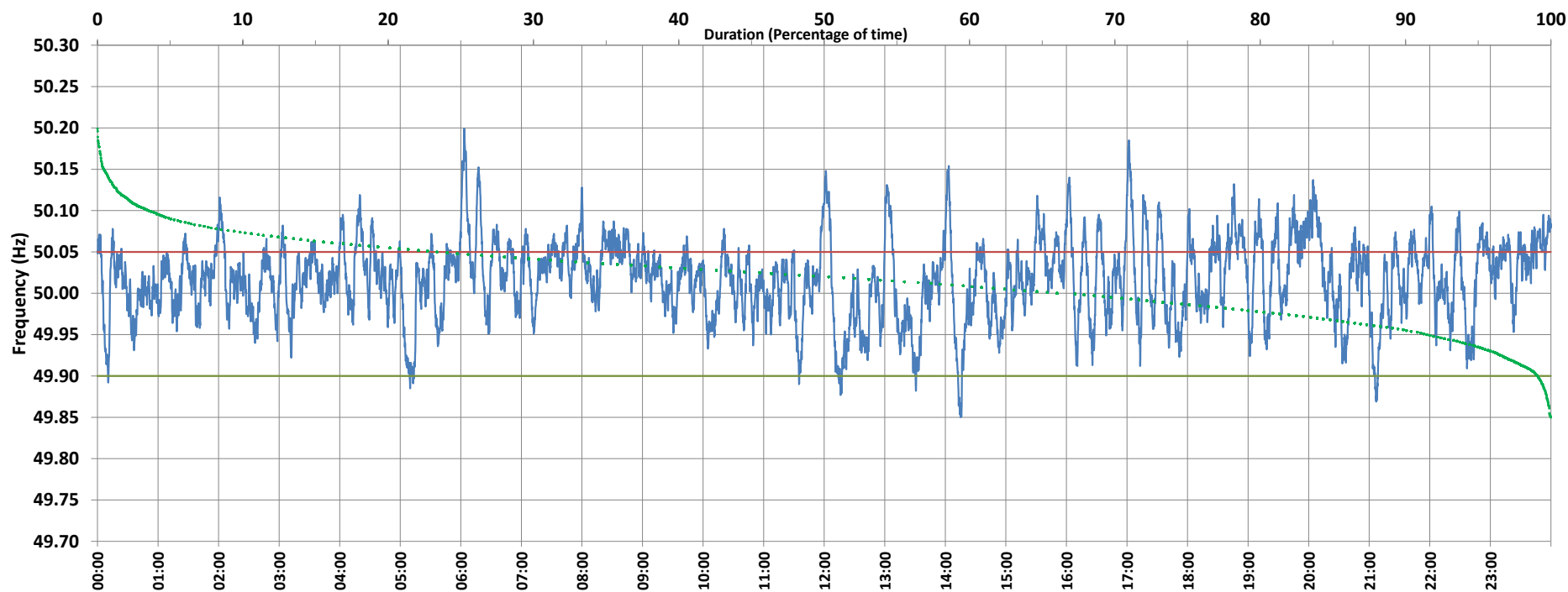


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 08-Dec-2020 (Tuesday)



<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	0.88	15.67	0.00	0.88	31.86	63.58	3.68	75.78	100.00	43.92	20.56	66.02	40.41	23.34	0.00	8.32	68.33	7.44

Average Frequency : 50.017	Frequency Variation Index : 0.0256	Standard Deviation : 0.0476	Mileage: 50.7	FDI: 24.2
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Instantaneous Frequency		
Max	50.199	6:03:20
Min	49.850	14:15:10

15 minute Average Frequency		
Max	50.086	6:15:00
Min	49.935	5:15:00

No. of excursions	
above 50.03 Hz	197
below 49.97 Hz	104
above 50.00 Hz	139
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:02:10
above 50.03	0:02:57

No. of hours freq outside 49.9-50.05 Hz	5:48:50
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)