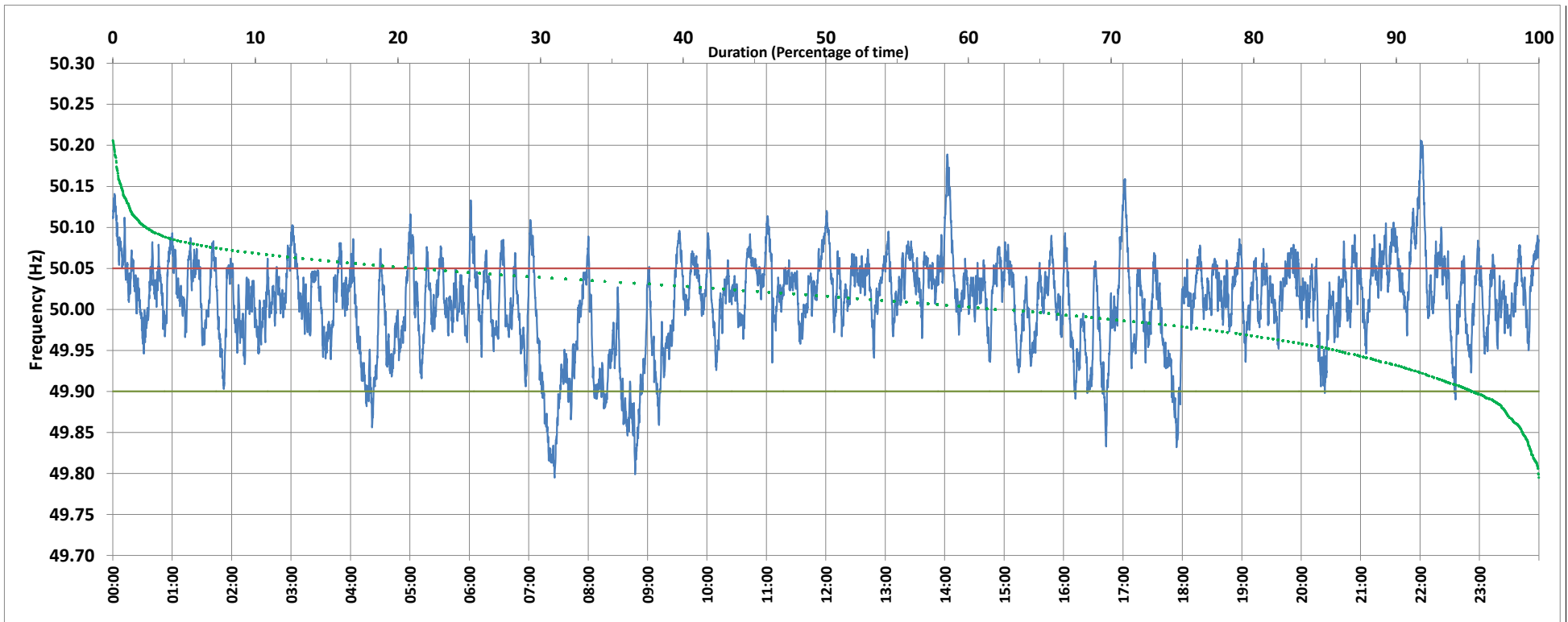


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 14-Dec-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	4.55	20.52	0.03	4.51	32.28	60.79	2.30	74.22	99.92	41.01	19.56	61.86	38.47	21.23	0.08	13.98	64.79	9.43

Average Frequency : 50.009	Frequency Variation Index : 0.0318	Standard Deviation : 0.0557	Mileage: 52.2	FDI: 25.8
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Instantaneous Frequency		
Max	50.206	22:00:40
Min	49.795	7:26:00

15 minute Average Frequency		
Max	50.085	0:15:00
Min	49.840	7:30:00

No. of excursions	
above 50.03 Hz	189
below 49.97 Hz	91
above 50.00 Hz	134
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:03:15
above 50.03	0:02:56

No. of hours freq outside 49.9-50.05 Hz	6:11:10
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)