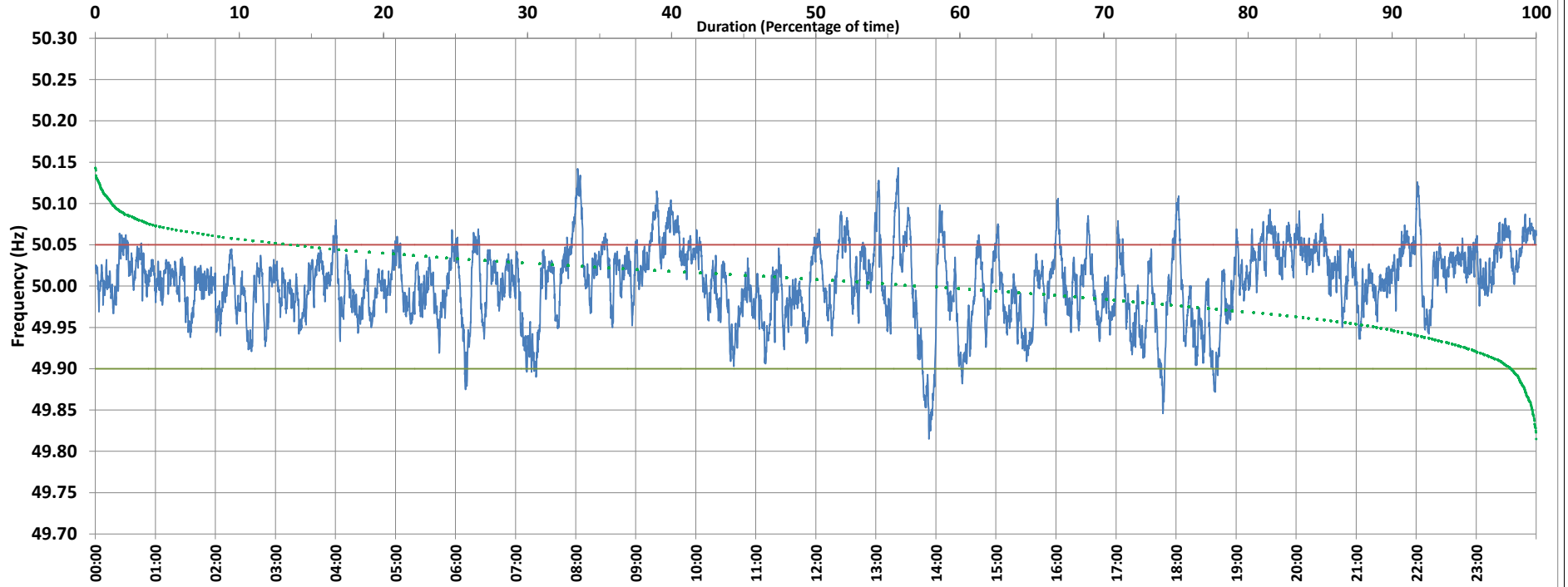


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 22-Sep-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	1.71	20.41	0.00	1.71	39.93	57.18	1.18	84.75	100.00	51.74	12.89	56.84	27.86	13.54	0.00	10.00	75.68	8.29

Average Frequency : 50.004	Frequency Variation Index : 0.0199	Standard Deviation : 0.0444	Mileage: 48.0	FDI: 15.3
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Instantaneous Frequency		
Max	50.143	13:22:10
Min	49.815	13:53:00

15 minute Average Frequency		
Max	50.075	9:45:00
Min	49.872	14:00:00

No. of excursions	
above 50.03 Hz	179
below 49.97 Hz	127
above 50.00 Hz	152
below 50.00 Hz	156

Average time freq per excursion remains	
below 49.97	0:02:19
above 50.03	0:02:14

No. of hours freq outside 49.9-50.05 Hz	3:39:40
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)