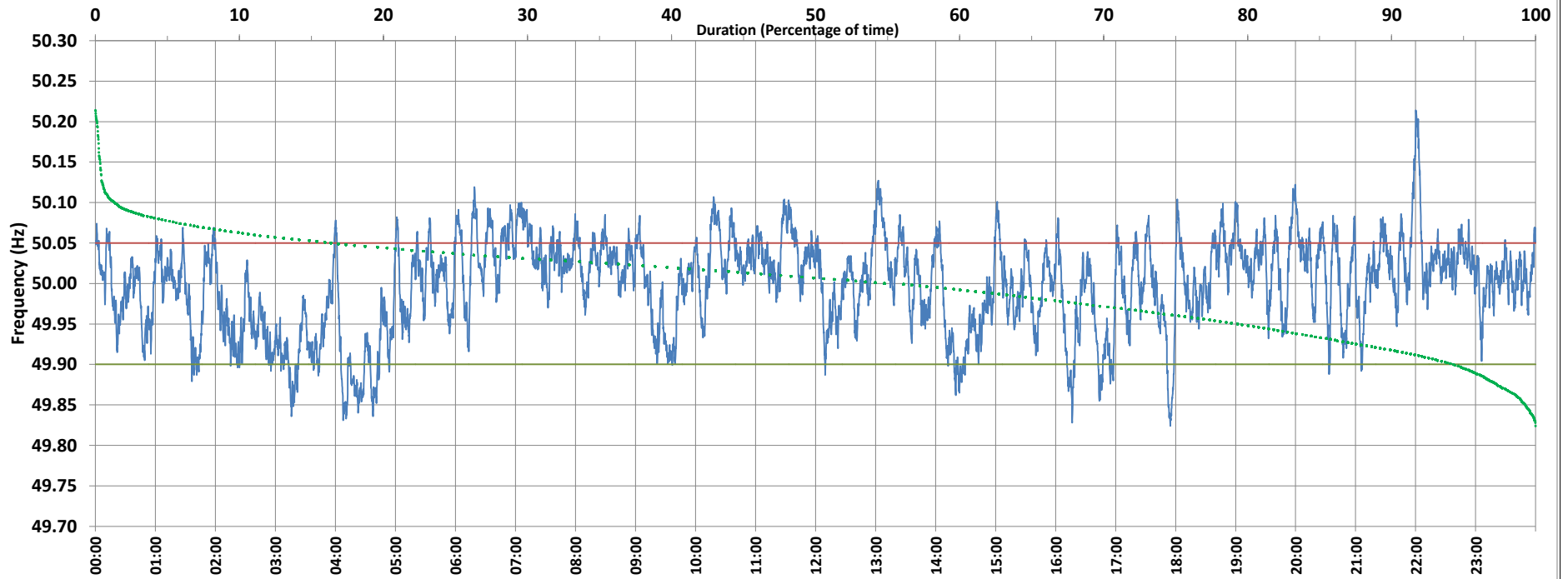


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 21-Nov-2020 (Saturday)



<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	5.61	28.77	0.00	5.61	38.29	54.72	1.26	78.04	99.88	40.41	15.52	54.77	30.82	16.34	0.12	20.41	63.25	14.79

Average Frequency : 49.998	Frequency Variation Index : 0.0319	Standard Deviation : 0.0564	Mileage: 50.7	FDI: 22.0
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Instantaneous Frequency		
Max	50.214	22:00:10
Min	49.824	17:54:40

15 minute Average Frequency		
Max	50.078	7:15:00
Min	49.874	4:30:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	96
above 50.00 Hz	127
below 50.00 Hz	134

Average time freq per excursion remains	
below 49.97	0:04:19
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	5:16:10
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)