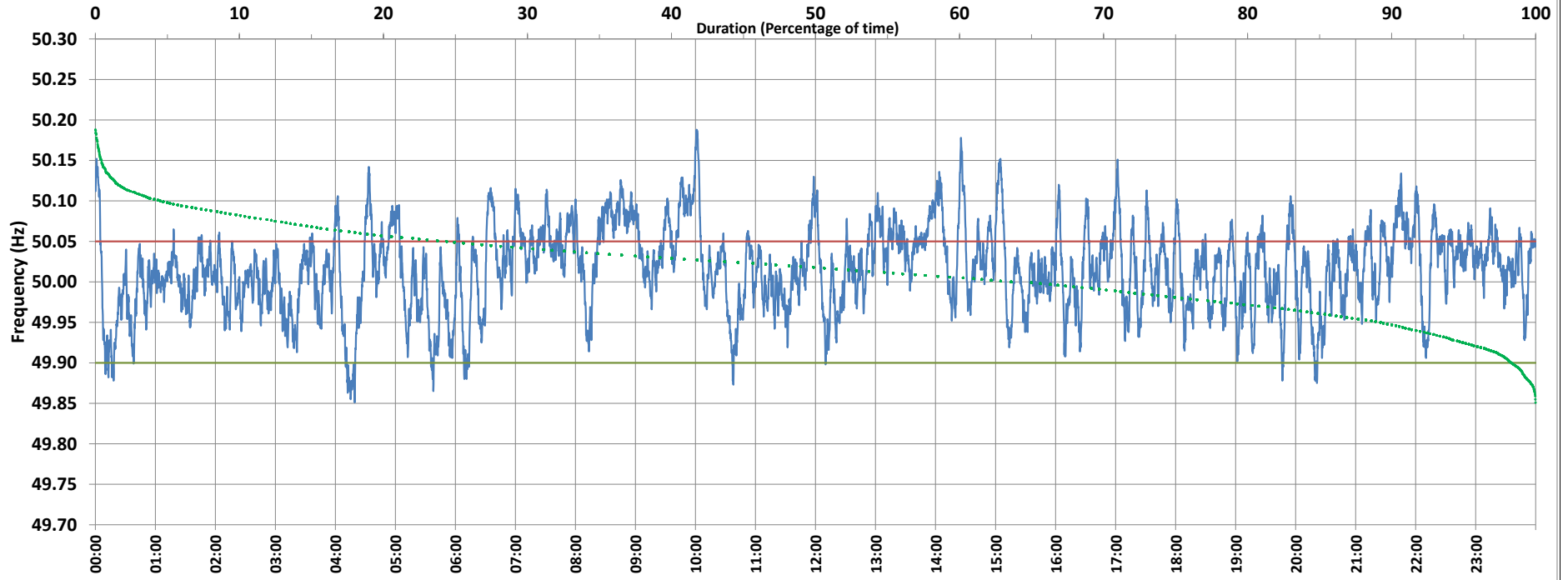


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 01-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	1.62	18.61	0.00	1.62	33.39	60.28	4.71	74.00	100.00	42.20	20.42	63.58	39.19	24.38	0.00	10.58	65.05	8.96

Average Frequency : 50.016	Frequency Variation Index : 0.0291	Standard Deviation : 0.0517	Mileage: 52.6	FDI: 26.0
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Instantaneous Frequency		
Max	50.188	10:01:00
Min	49.851	4:19:10

15 minute Average Frequency		
Max	50.106	10:00:00
Min	49.928	20:30:00

No. of excursions	
above 50.03 Hz	205
below 49.97 Hz	110
above 50.00 Hz	134
below 50.00 Hz	130

Average time freq per excursion remains	
below 49.97	0:02:26
above 50.03	0:02:45

No. of hours freq outside 49.9-50.05 Hz	6:14:20
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)