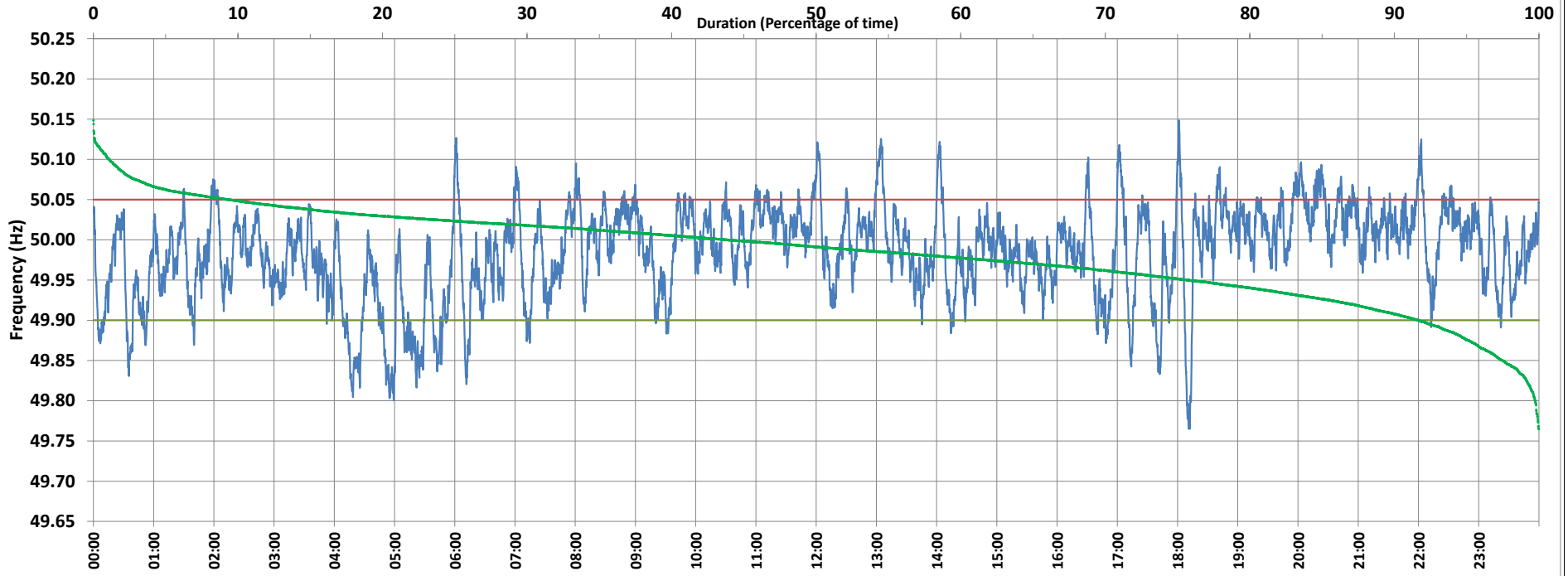


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Oct-2020 (Thursday)



<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	8.30	34.77	0.24	8.06	47.84	42.75	1.11	82.40	100.00	45.64	8.23	43.82	19.59	9.31	0.00	24.31	66.39	16.01

Average Frequency : 49.984	Frequency Variation Index : 0.0345	Standard Deviation : 0.0566	Mileage: 51.0	FDI: 17.6
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Instantaneous Frequency		
Max	50.149	18:01:10
Min	49.765	18:11:10

15 minute Average Frequency		
Max	50.054	20:30:00
Min	49.851	5:00:00

No. of excursions	
above 50.03 Hz	169
below 49.97 Hz	157
above 50.00 Hz	196
below 50.00 Hz	196

Average time freq per excursion remains	
below 49.97	0:03:11
above 50.03	0:01:40

No. of hours freq outside 49.9-50.05 Hz	4:13:30
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Source : SLPR4:Frequency 10 Sec. (8640 samples)