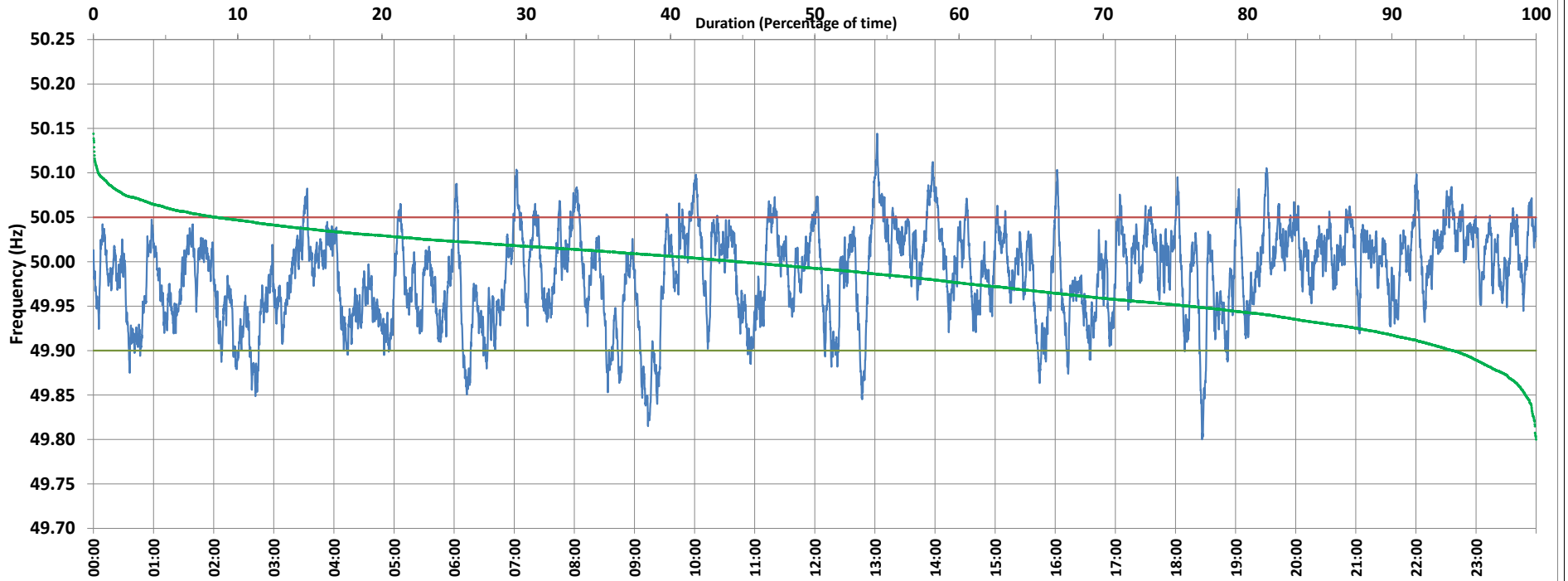


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 29-Aug-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	5.72	36.26	0.00	5.72	49.53	44.42	0.34	85.74	100.00	44.19	8.25	44.68	19.55	8.54	0.00	10.00	67.51	4.28

Average Frequency : 49.986	Frequency Variation Index : 0.0279	Standard Deviation : 0.0510	Mileage: 46.2	FDI: 14.3
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Instantaneous Frequency		
Max	50.144	13:02:10
Min	49.800	18:26:30

15 minute Average Frequency		
Max	50.064	13:15:00
Min	49.890	9:15:00

No. of excursions	
above 50.03 Hz	156
below 49.97 Hz	133
above 50.00 Hz	179
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:03:56
above 50.03	0:01:48

No. of hours freq outside 49.9-50.05 Hz	3:25:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)