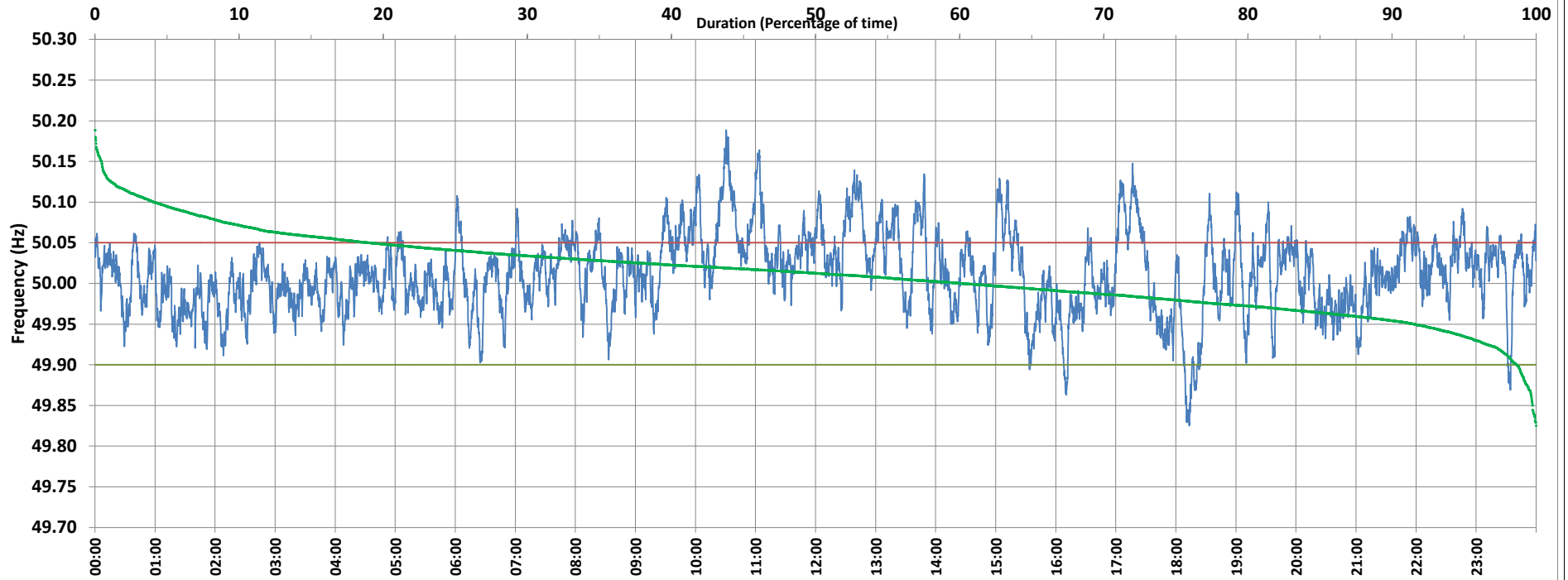


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 23-Aug-2020 (Sunday)



<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	1.35	18.39	0.00	1.35	38.41	56.12	4.11	79.63	100.00	48.18	15.06	60.17	33.43	19.02	0.00	10.00	72.58	8.65

Average Frequency : 50.012	Frequency Variation Index : 0.0245	Standard Deviation : 0.0481	Mileage: 48.1	FDI: 20.4
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Instantaneous Frequency		
Max	50.189	10:30:30
Min	49.825	18:13:20

15 minute Average Frequency		
Max	50.105	12:45:00
Min	49.922	18:15:00

No. of excursions	
above 50.03 Hz	208
below 49.97 Hz	147
above 50.00 Hz	185
below 50.00 Hz	188

Average time freq per excursion remains	
below 49.97	0:01:48
above 50.03	0:02:19

No. of hours freq outside 49.9-50.05 Hz	4:53:20
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)