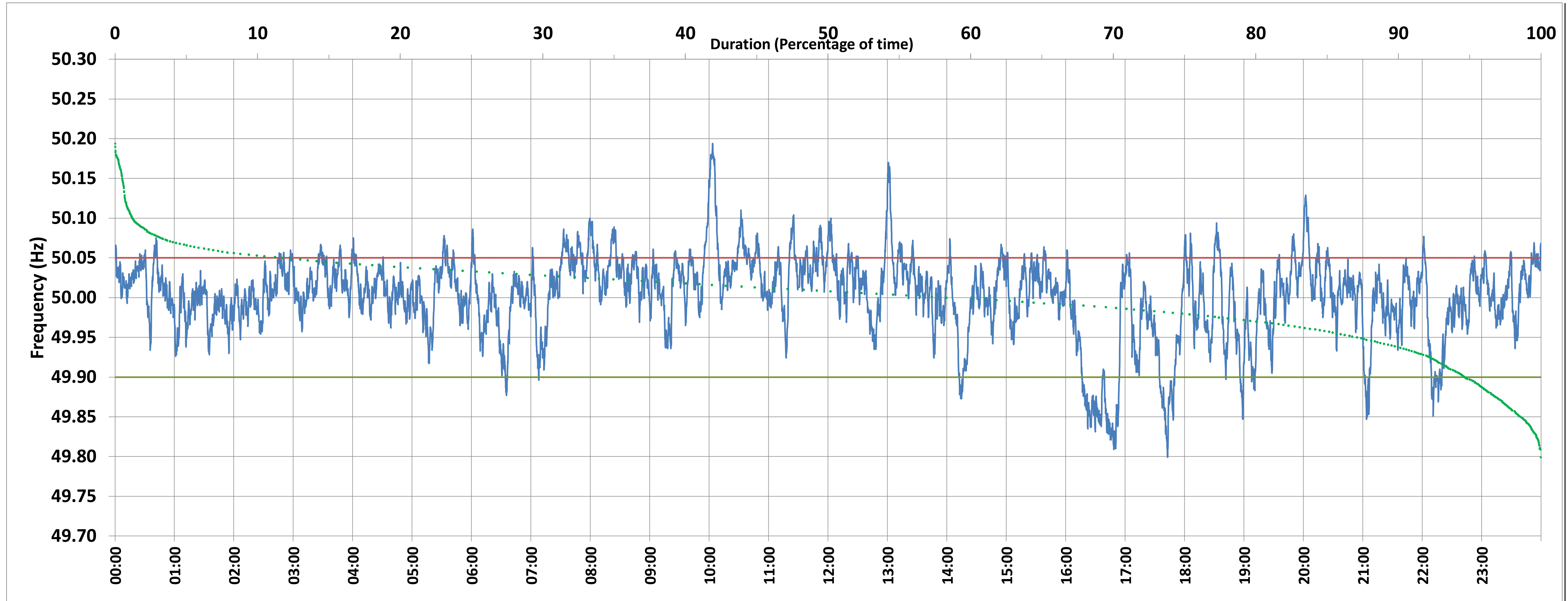


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI

Frequency profile for 19-Aug-2020 (Wednesday)



<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	5.28	19.34	0.01	5.27	34.58	58.87	1.27	82.97	100.00	52.52	11.05	58.30	28.14	11.75	0.00	12.62	75.64	7.34

Average Frequency : 50.002	Frequency Variation Index : 0.0259	Standard Deviation : 0.0508	Mileage: 46.0	FDI: 17.0
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Instantaneous Frequency		
Max	50.194	10:03:30
Min	49.799	17:42:50

15 minute Average Frequency		
Max	50.093	10:15:00
Min	49.860	16:45:00

No. of excursions	
above 50.03 Hz	170
below 49.97 Hz	84
above 50.00 Hz	149
below 50.00 Hz	149

Average time freq per excursion remains	
below 49.97	0:03:19
above 50.03	0:02:23

No. of hours freq outside 49.9-50.05 Hz	4:05:10
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)