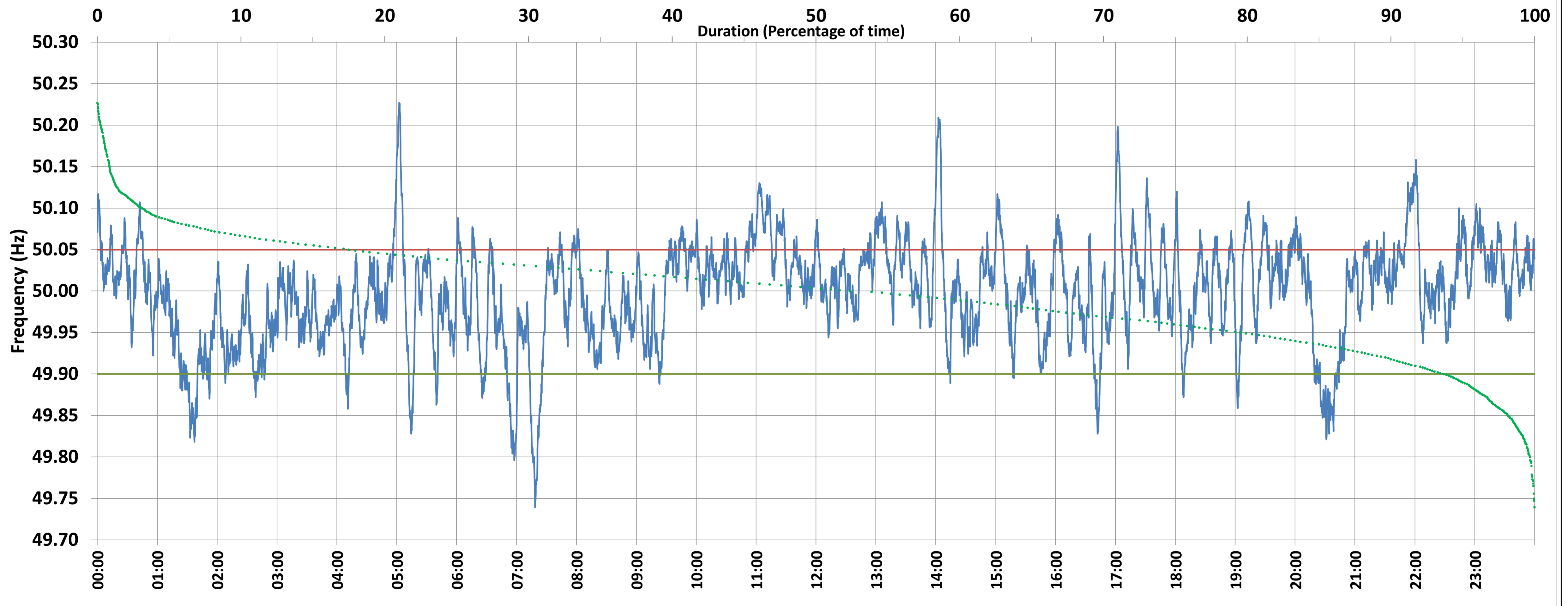


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 15-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	6.15	29.83	0.31	5.83	40.01	50.64	2.96	76.37	99.76	39.68	14.86	52.35	30.50	17.49	0.24	20.09	62.42	13.95

Average Frequency : 49.998	Frequency Variation Index : 0.0380	Standard Deviation : 0.0616	Mileage: 52.1	FDI: 23.6
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Instantaneous Frequency		
Max	50.227	5:02:20
Min	49.739	7:18:40

15 minute Average Frequency		
Max	50.100	11:15:00
Min	49.855	7:30:00

No. of excursions	
above 50.03 Hz	153
below 49.97 Hz	130
above 50.00 Hz	138
below 50.00 Hz	132

Average time freq per excursion remains	
below 49.97	0:03:18
above 50.03	0:02:52

No. of hours freq outside 49.9-50.05 Hz	5:40:20
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)