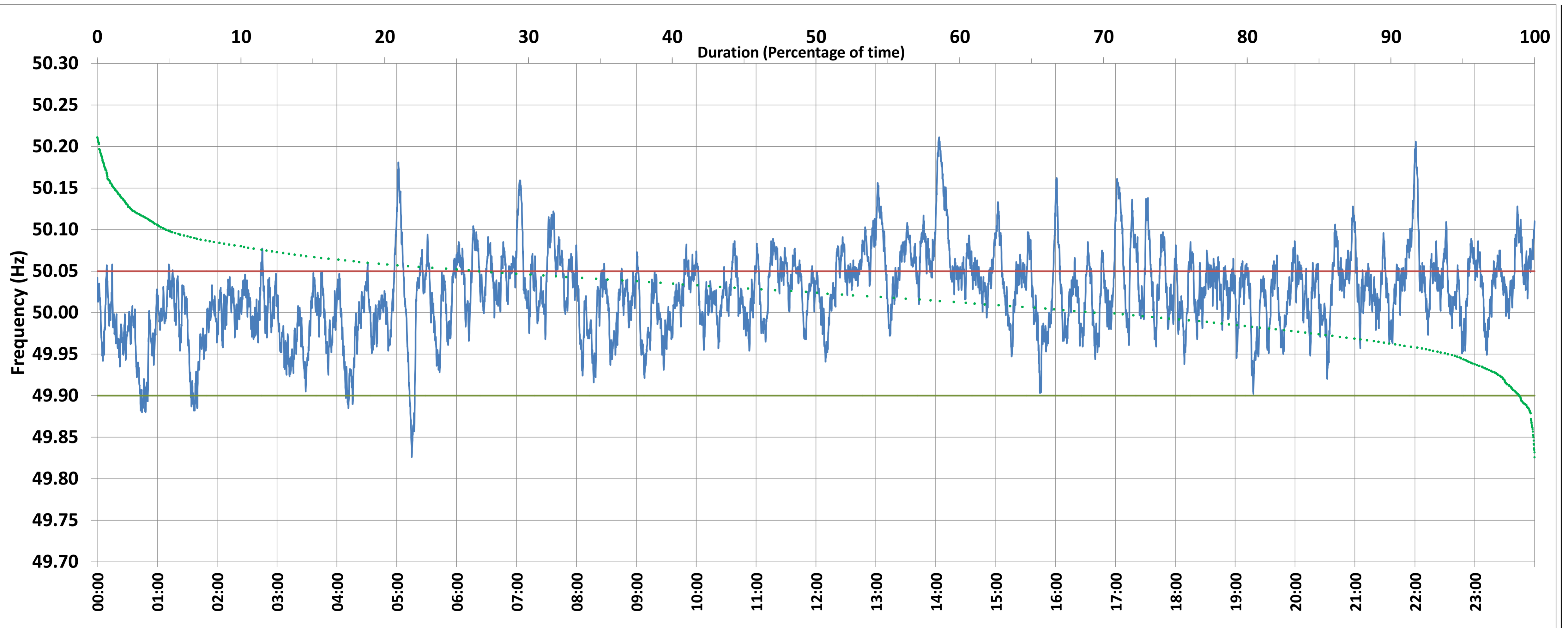


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 13-Dec-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	1.02	12.55	0.00	1.02	28.22	65.84	4.79	72.44	99.87	43.14	22.65	69.36	44.32	26.54	0.13	5.75	67.71	4.73

Average Frequency : 50.023	Frequency Variation Index : 0.0289	Standard Deviation : 0.0486	Mileage: 52.9	FDI: 27.6
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Instantaneous Frequency		
Max	50.211	14:03:20
Min	49.826	5:15:00

15 minute Average Frequency		
Max	50.145	14:15:00
Min	49.927	1:45:00

No. of excursions	
above 50.03 Hz	220
below 49.97 Hz	96
above 50.00 Hz	137
below 50.00 Hz	129

Average time freq per excursion remains	
below 49.97	0:01:53
above 50.03	0:02:54

No. of hours freq outside 49.9-50.05 Hz	
	6:36:50

Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)