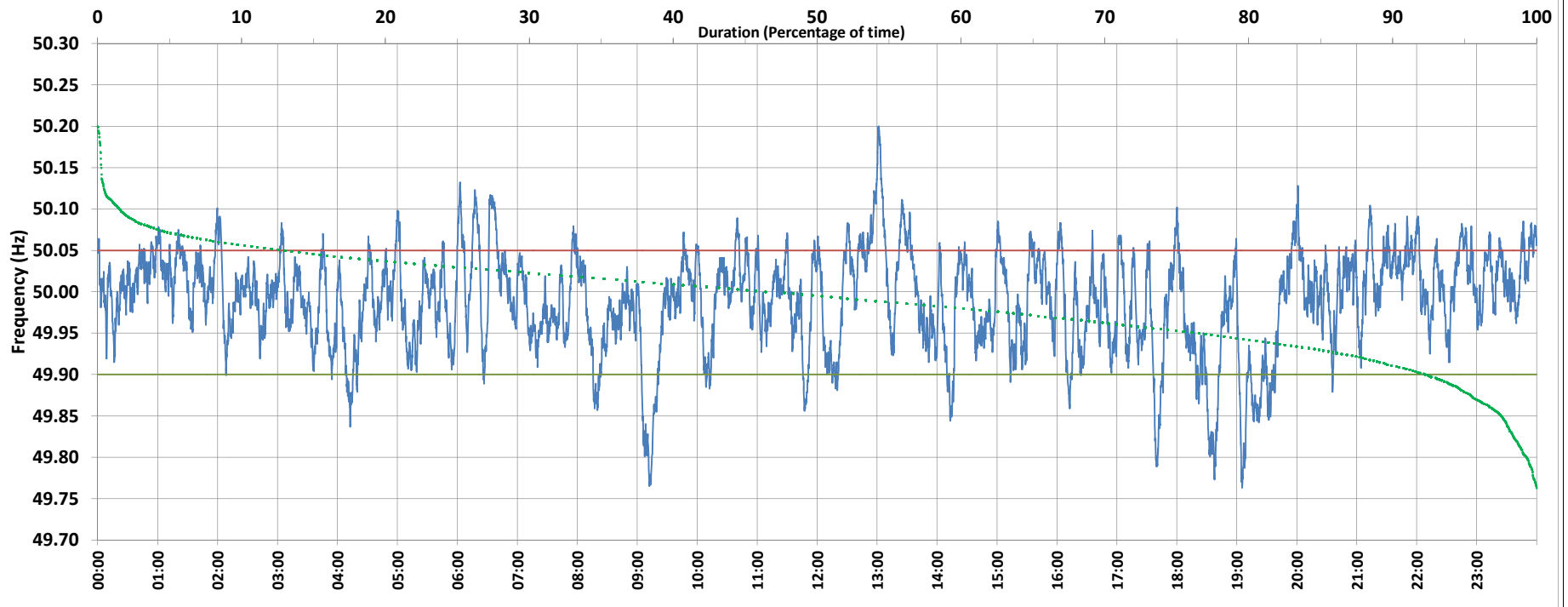


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 03-Dec-2020 (Thursday)



<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	7.57	33.47	0.67	6.90	44.72	46.15	1.55	79.42	99.99	41.83	11.92	46.40	24.70	13.01	0.01	23.02	63.97	15.45

Average Frequency : 49.989	Frequency Variation Index : 0.0372	Standard Deviation : 0.0599	Mileage: 53.0	FDI: 20.6
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Instantaneous Frequency		
Max	50.200	13:01:30
Min	49.763	19:05:20

15 minute Average Frequency		
Max	50.070	13:00:00
Min	49.847	18:45:00

No. of excursions	
above 50.03 Hz	151
below 49.97 Hz	125
above 50.00 Hz	140
below 50.00 Hz	141

Average time freq per excursion remains	
below 49.97	0:03:51
above 50.03	0:02:21

No. of hours freq outside 49.9-50.05 Hz	4:56:20
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)