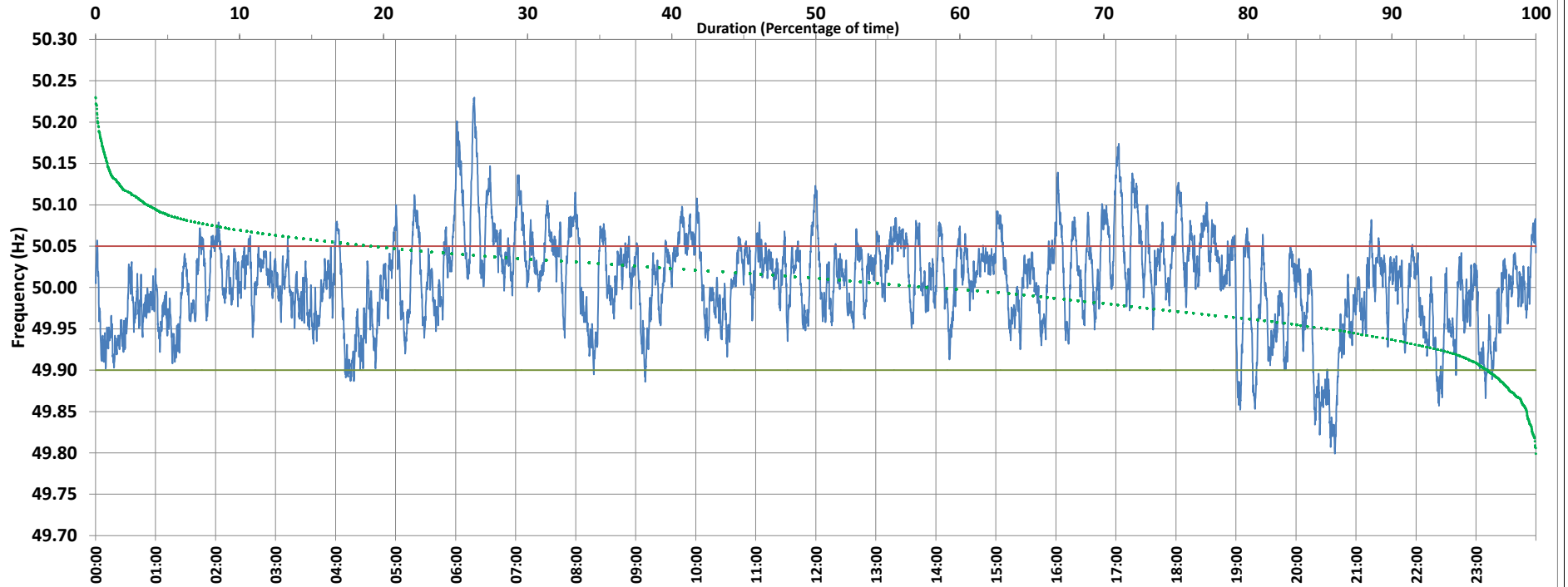


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 06-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	3.31	23.80	0.01	3.30	37.59	55.43	3.51	77.58	99.84	41.94	16.04	57.70	34.26	19.11	0.16	14.09	66.81	10.78

Average Frequency : 50.007	Frequency Variation Index : 0.0306	Standard Deviation : 0.0550	Mileage: 51.8	FDI: 22.4
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Instantaneous Frequency		
Max	50.230	6:18:30
Min	49.799	20:38:50

15 minute Average Frequency		
Max	50.109	6:30:00
Min	49.864	20:45:00

No. of excursions	
above 50.03 Hz	191
below 49.97 Hz	127
above 50.00 Hz	131
below 50.00 Hz	136

Average time freq per excursion remains	
below 49.97	0:02:42
above 50.03	0:02:35

No. of hours freq outside 49.9-50.05 Hz	5:22:50
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Source : 400KV KALWA:Frequency 10 Sec. (8640 samples)