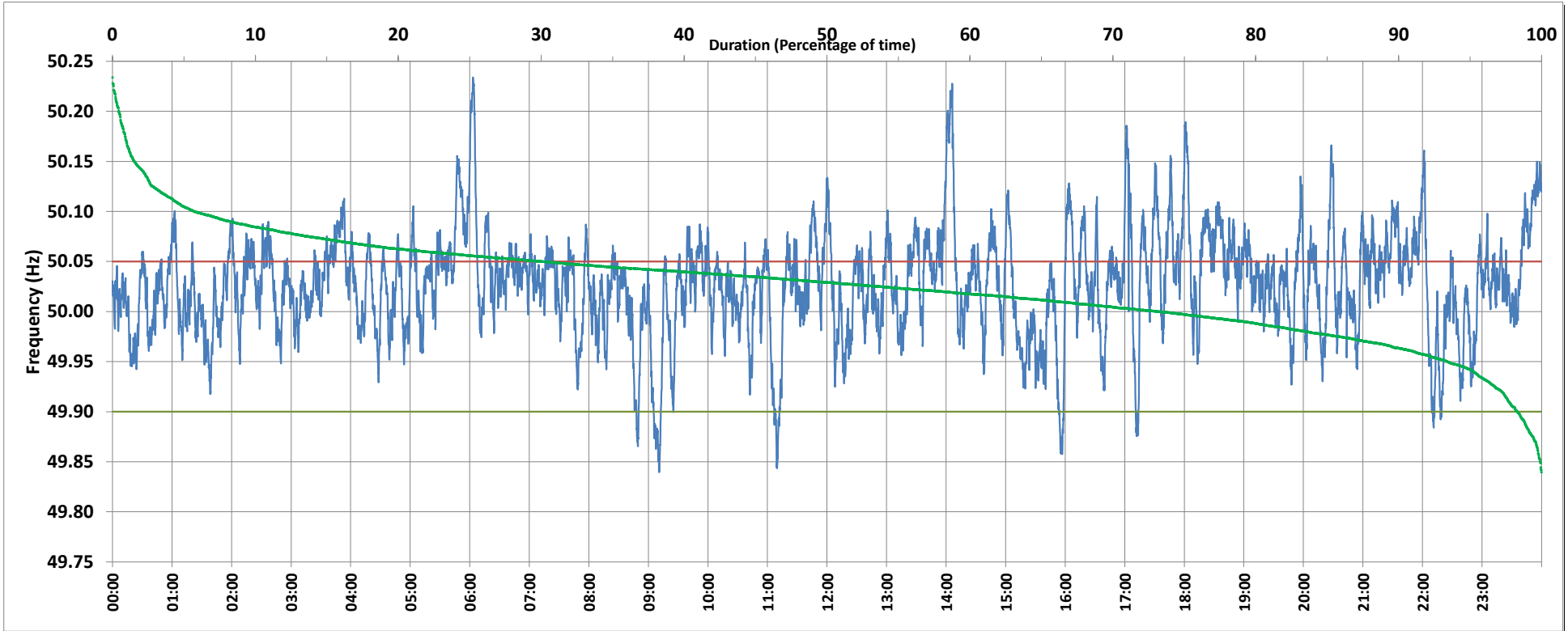


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 24-Nov-2019 (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	1.70	12.14	0.00	1.70	25.05	67.51	5.30	68.28	99.56	38.69	24.46	73.11	49.17	30.02	0.44	6.60	63.38	4.90

Average Frequency : 50.027	Frequency Variation Index : 0.0335	Standard Deviation : 0.0515	Mileage: 53.7	FDI: 31.7
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Instantaneous Frequency		
Max	50.234	6:03:10
Min	49.840	9:10:50

15 minute Average Frequency		
Max	50.110	6:00:00
Min	49.914	9:15:00

No. of excursions	
above 50.03 Hz	237
below 49.97 Hz	96
above 50.00 Hz	181
below 50.00 Hz	178

Average time freq per excursion remains	
below 49.97	0:01:49
above 50.03	0:02:59

No. of hours freq outside 49.9-50.05 Hz	7:36:50
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Source : DURGAPUR:Frequency 10 Sec. (8640 samples)