

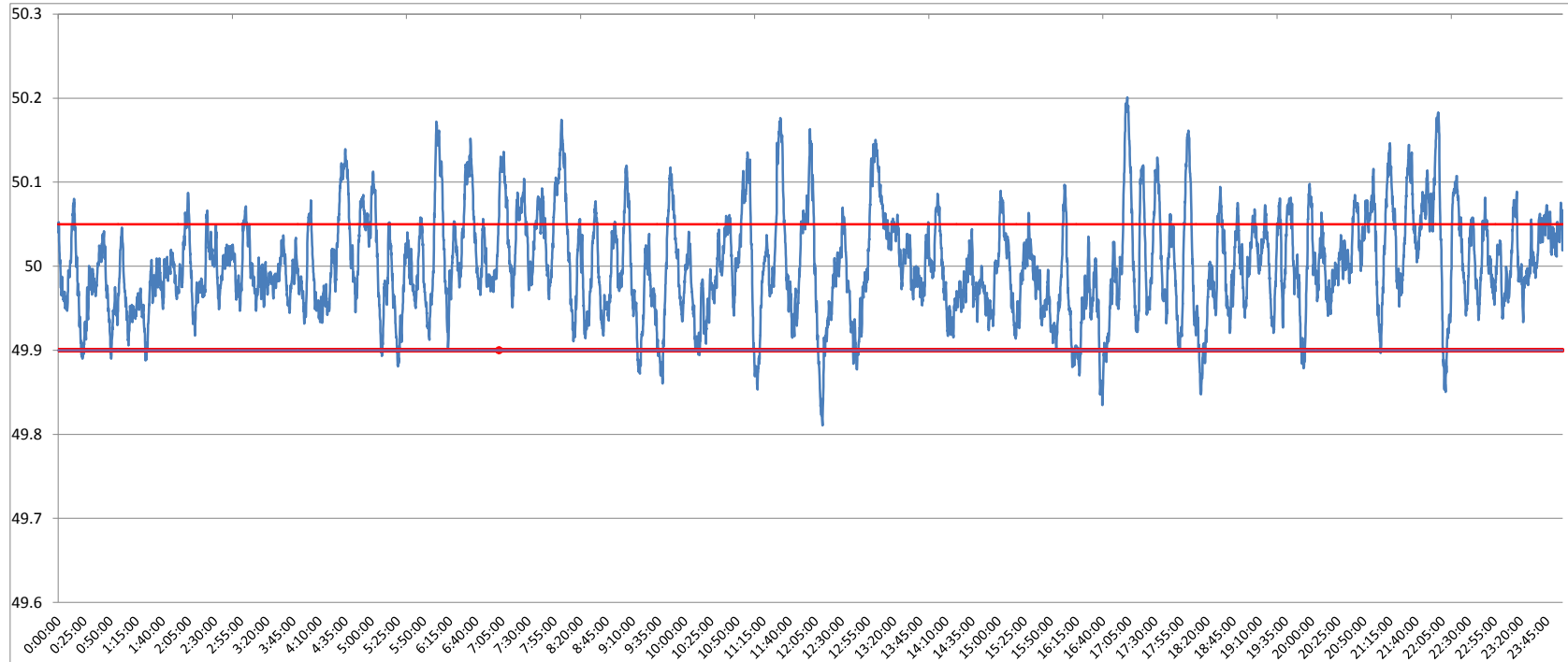


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

19-Nov-16



<49.2	<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
0	0.00	3.90	30.52	0.00	3.90	49.33	40.17	6.59	75.43	99.99	39.38	14.12	46.72	30.10	20.67	0.01

Average Frequency	50.00	Frequency Variation Index :	0.036	Standard Deviation :	0.060
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.2 17:03:10	Max	50.089 22:00:00	No. of excursion below 49.97 Hz	122
Min	49.81 12:11:30	Min	49.920 16:45:00	No. of excursion above 50.00 Hz	163
				No. of excursion below 50.00 Hz	164

Average time freq remains below 49.97 per excursion	0:02:42	Average time frequency remains above 50.03 per excursion	0:03:33
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