



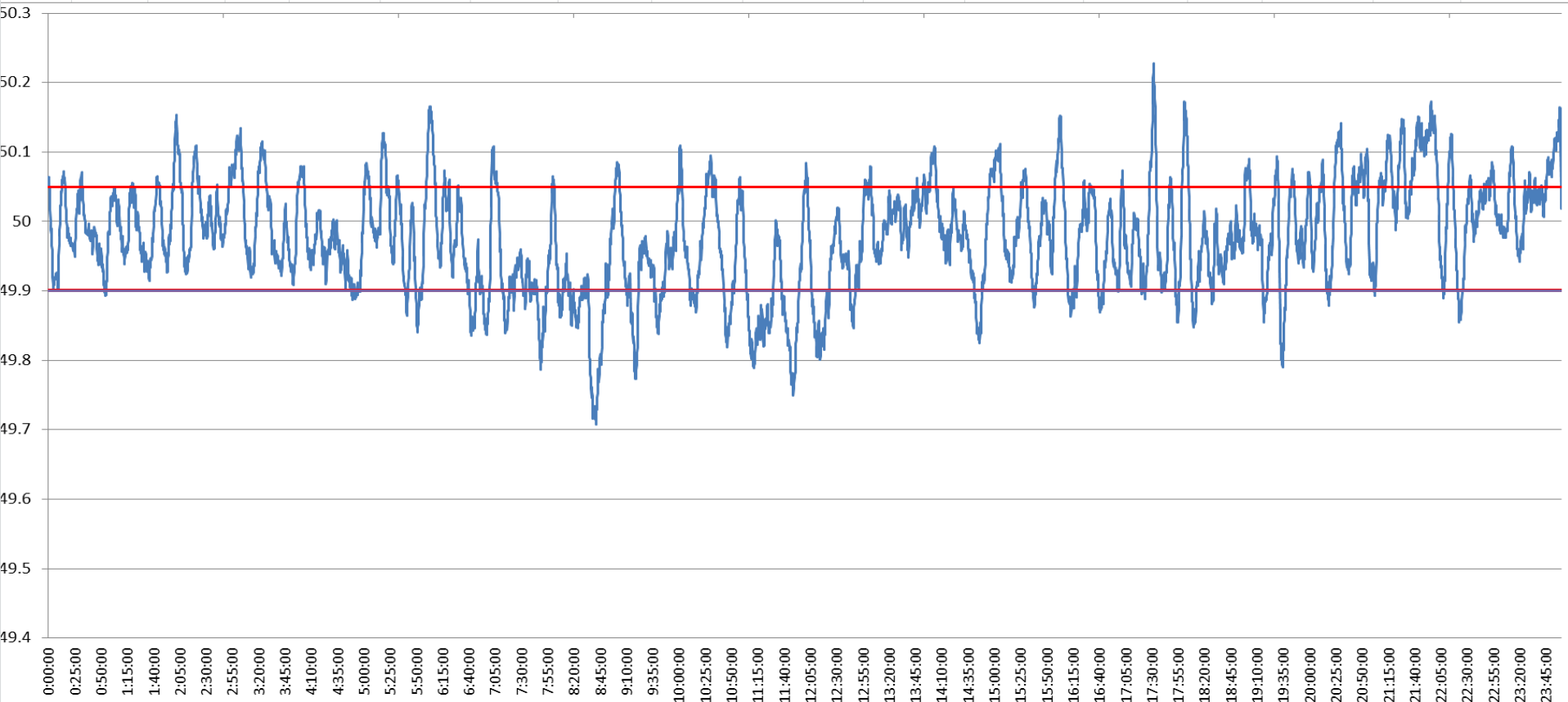
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

20-Dec-15



<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	15.79	46.53	1.41	14.38	45.45	33.18	5.50	65.93	99.92	26.66	12.78	38.74	26.82	18.29	0.08

Average Frequency	49.98	Frequency Variation Index :	0.066	Standard Deviation :	0.078
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	105
Max	50.23 17:31:40	Max	50.128 22:00:00	No. of excursion below 49.97 Hz	116
Min	49.71 8:41:10	Min	49.802 8:45:00	No. of excursion above 50.00 Hz	103
				No. of excursion below 50.00 Hz	102

Average time freq remains below 49.97 per excursion	0:05:47	Average time frequency remains above 50.03 per excursion	0:03:41
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