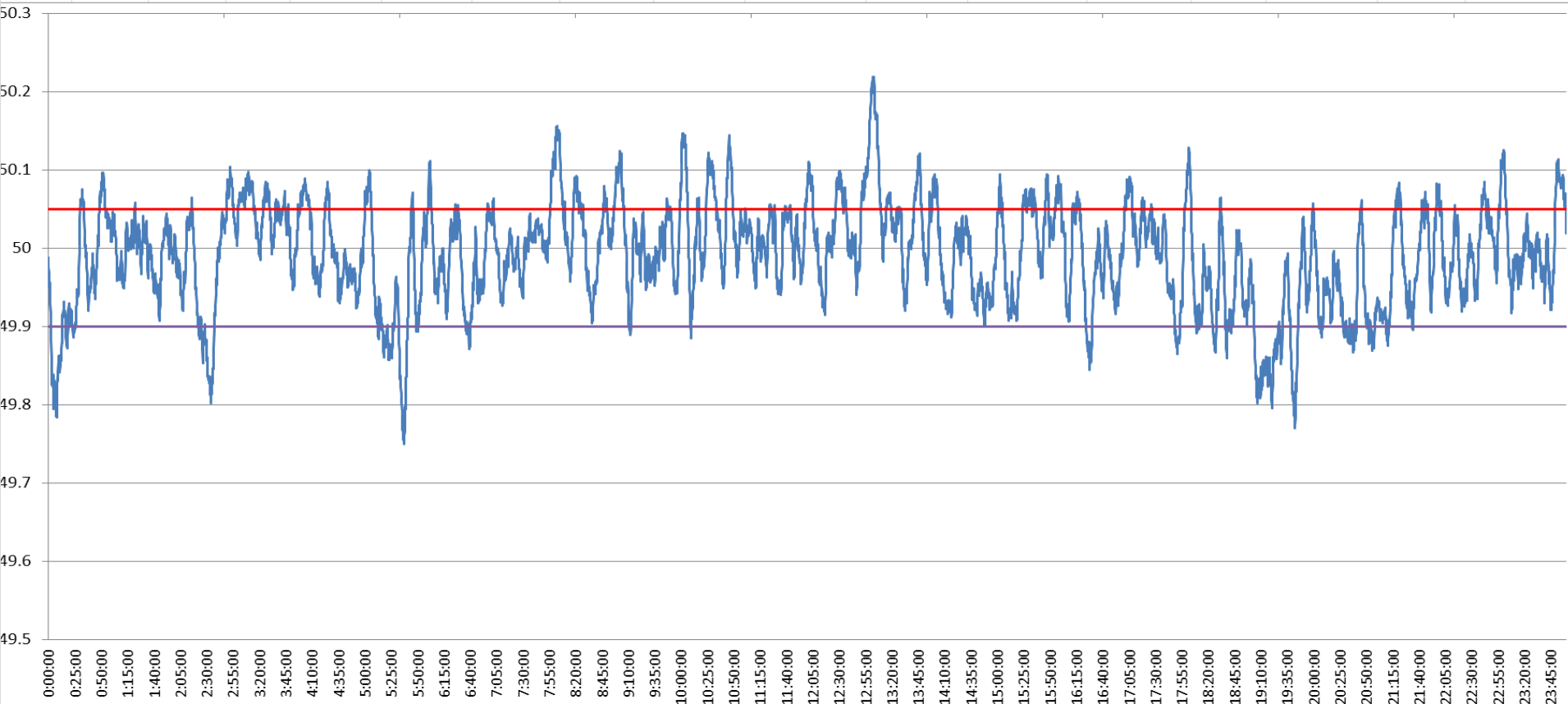




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 22-Jul-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	8.87	36.71	0.47	8.39	43.51	44.46	2.96	72.65	99.79	34.13	15.38	47.60	29.16	18.48	0.21

Average Frequency	49.99	Frequency Variation Index :	0.045	Standard Deviation :	0.066
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	137
Max	50.22 13:01:50	Max	50.110 13:15:00	No. of excursion below 49.97 Hz	132
Min	49.75 5:37:20	Min	49.857 19:30:00	No. of excursion above 50.00 Hz	144
				No. of excursion below 50.00 Hz	142

Average time freq remains below 49.97 per excursion	0:04:00	Average time frequency remains above 50.03 per excursion	0:03:04
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