

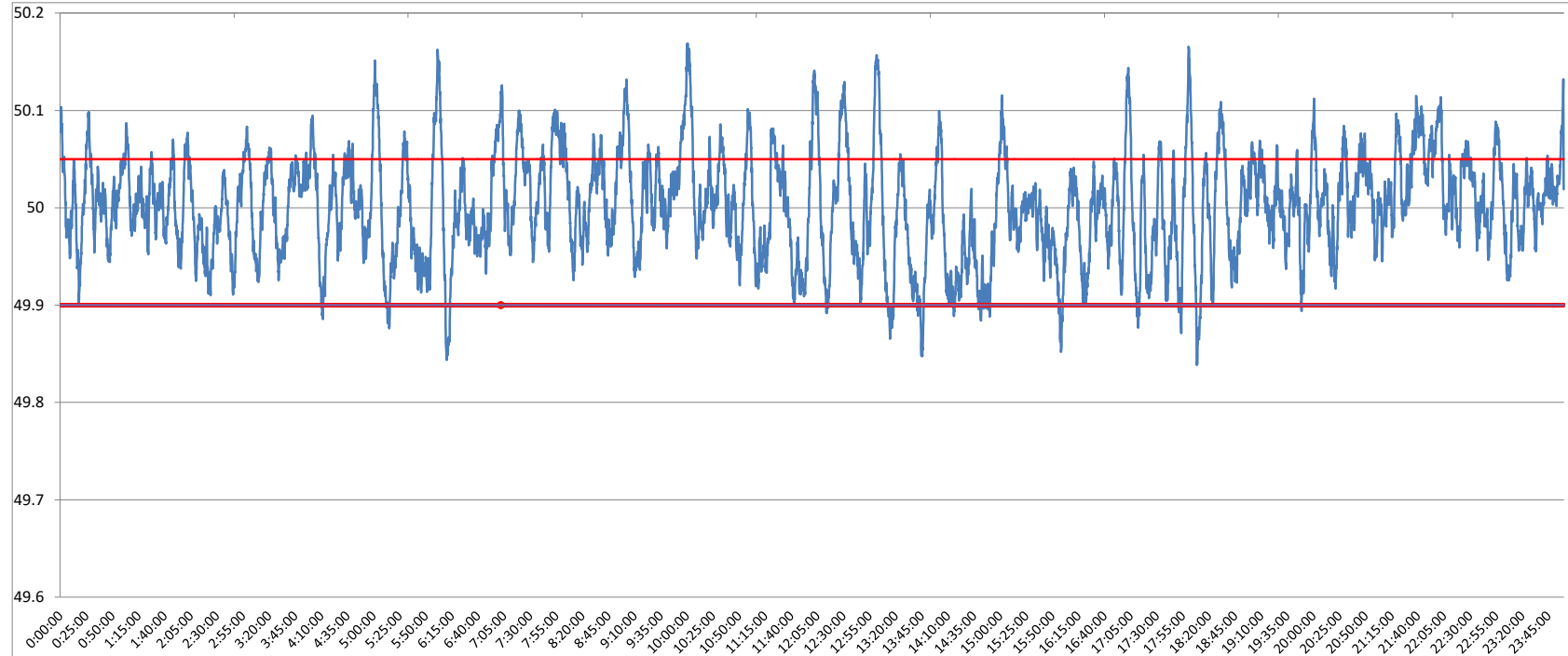


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Oct-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	2.65	27.80	0.00	2.65	45.96	48.07	3.32	79.51	100.00	42.45	14.56	51.33	29.75	17.84	0.00

Average Frequency	50.00	Frequency Variation Index :	0.029	Standard Deviation :	0.054
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Instantaneous Frequency	
Max	50.17 10:00:50
Min	49.84 18:08:30

15 minute average Frequency		
Max	50.066	21:45:00
Min	49.924	13:45:00

No. of excursion above 50.03 Hz	157
No. of excursion below 49.97 Hz	156
No. of excursion above 50.00 Hz	191
No. of excursion below 50.00 Hz	189

Average time freq remains below 49.97 per excursion	0:02:34	Average time frequency remains above 50.03 per excursion	0:02:44
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