

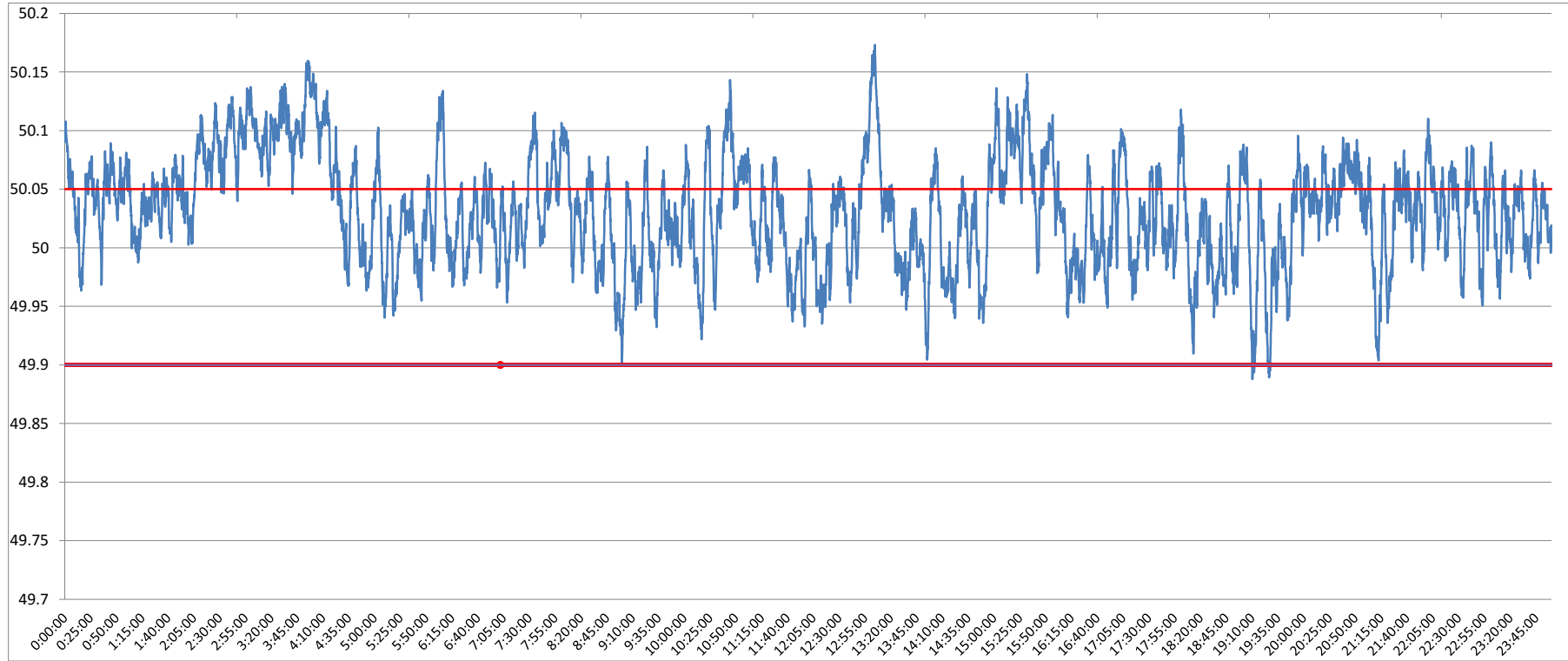


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-Jul-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	0.17	9.93	0.00	0.17	27.01	65.16	7.65	65.53	100.00	37.47	26.77	72.77	52.60	34.29	0.00

Average Frequency	50.03	Frequency Variation Index :	0.032	Standard Deviation :	0.047
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Instantaneous Frequency	
Max	50.17 13:04:40
Min	49.89 19:10:20

15 minute average Frequency	
Max	50.120 4:00:00
Min	49.975 12:00:00

No. of excursion above 50.03 Hz	180
No. of excursion below 49.97 Hz	102
No. of excursion above 50.00 Hz	142
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:01:24	Average time frequency remains above 50.03 per excursion	0:04:13
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