

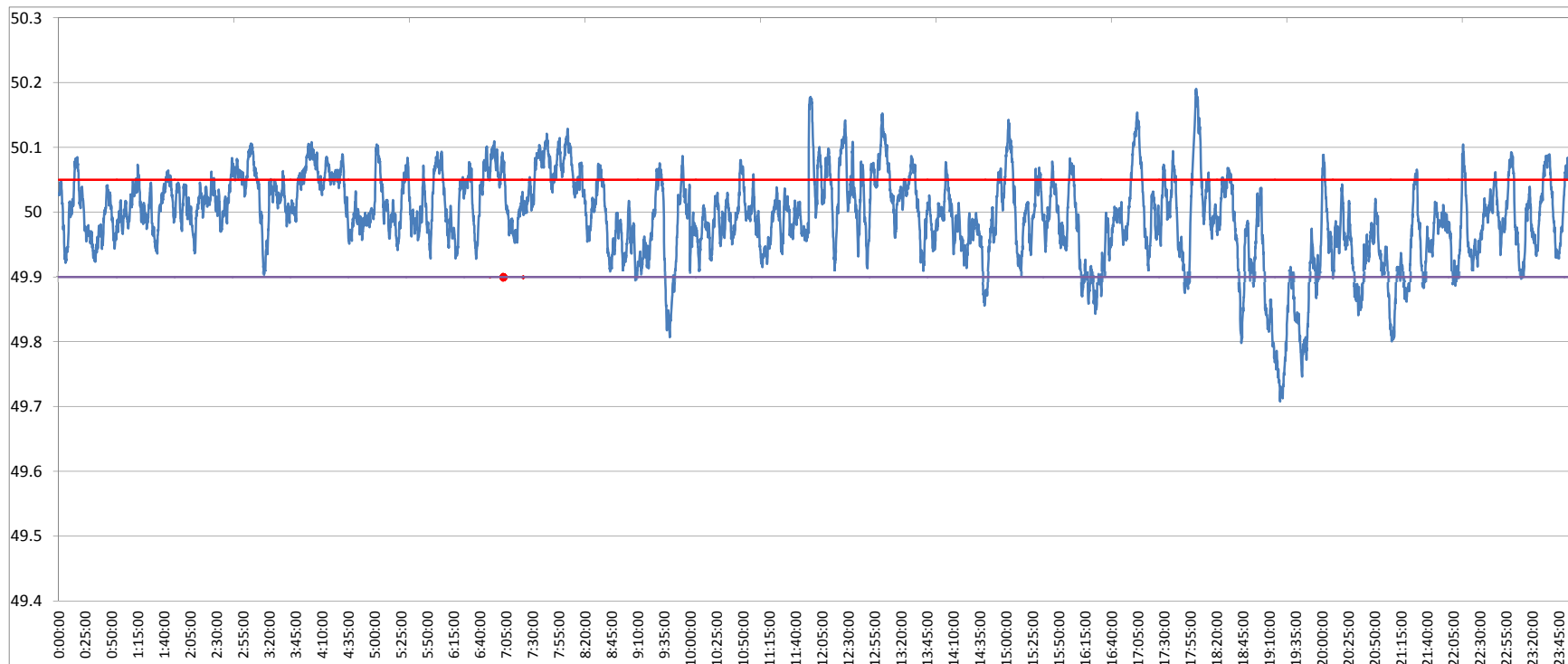


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

28-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	7.88	32.44	1.34	6.54	43.90	45.14	3.08	72.29	100.00	37.35	16.82	48.17	30.21	19.83	0.00

Average Frequency	49.99	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency	
Max	50.19 18:00:30
Min	49.71 19:20:10

15 minute average Frequency	
Max	50.081 7:45:00
Min	49.780 19:30:00

No. of excursion above 50.03 Hz	121
No. of excursion below 49.97 Hz	155
No. of excursion above 50.00 Hz	158
No. of excursion below 50.00 Hz	154

Average time freq remains below 49.97 per excursion	0:03:01	Average time frequency remains above 50.03 per excursion	0:03:36
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