

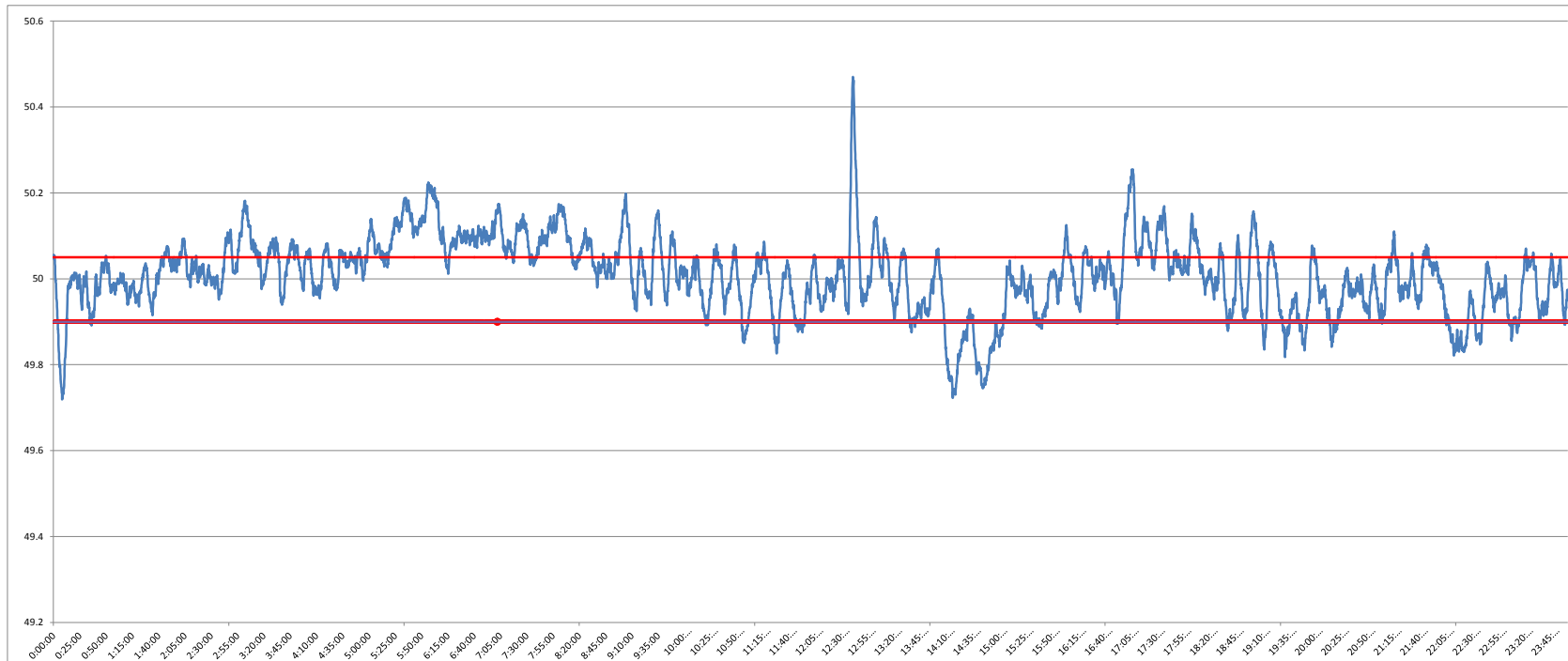


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

12-May-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	10.20	30.28	1.77	8.43	34.35	42.88	11.41	59.46	98.84	29.00	17.84	55.43	40.72	30.35	1.16

Average Frequency	50.01	Frequency Variation Index :	0.076	Standard Deviation :	0.087
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Instantaneous Frequency		
MAX	50.47	12:40:10
Min	49.72	0:08:10

15 minute average Frequency		
Max	50.160	6:00:00
Min	49.821	14:30:00

No. of excursion above 50.03 Hz	126
No. of excursion below 49.97 Hz	105
No. of excursion above 50.00 Hz	116
No. of excursion below 50.00 Hz	115

Average time freq remains below 49.97 per excursion	0:04:09	Average time frequency remains above 50.03 per excursion	0:04:39
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