

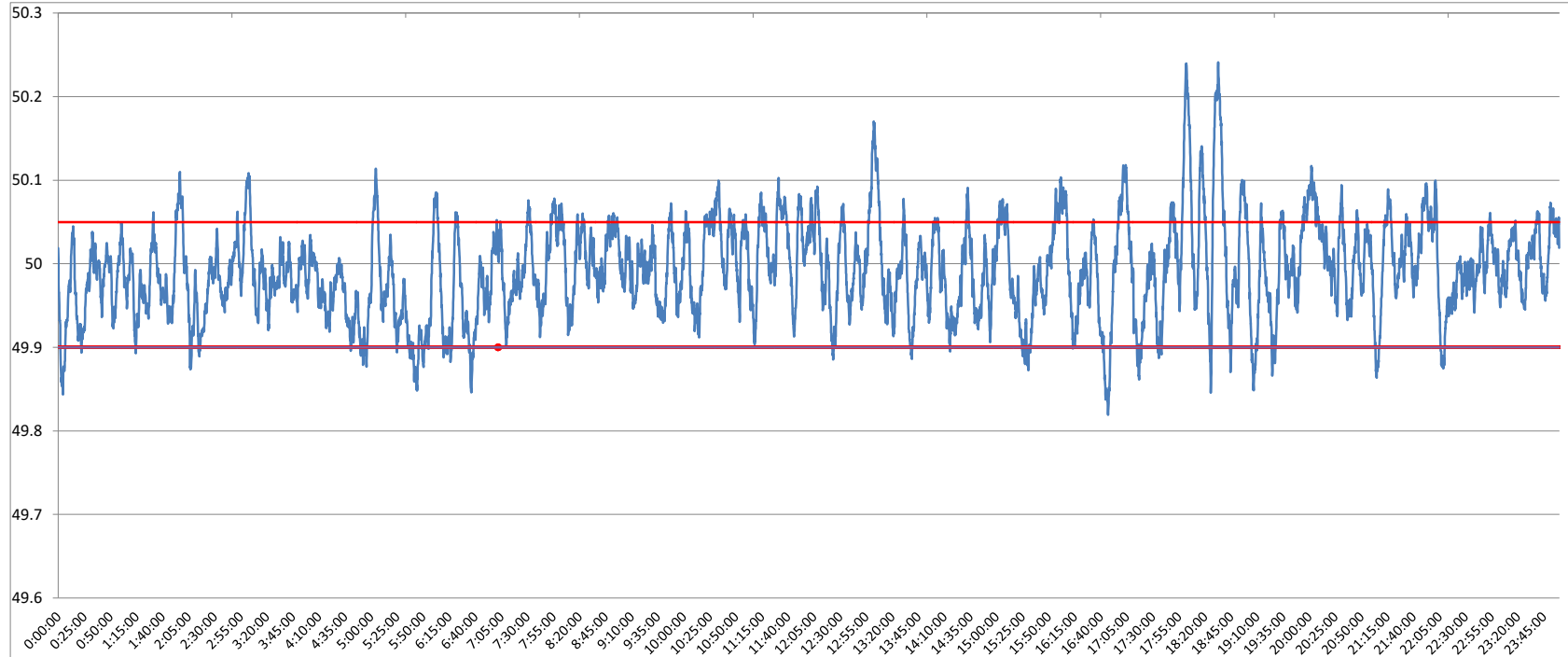


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

05-Sep-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	4.88	35.93	0.00	4.88	52.47	40.34	1.86	80.38	99.55	39.34	12.47	42.57	24.73	14.73	0.45

Average Frequency	49.99	Frequency Variation Index :	0.033	Standard Deviation :	0.057
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Instantaneous Frequency

Max	50.24	18:32:40
Min	49.82	16:47:00

15 minute average Frequency

Max	50.081	18:15:00
Min	49.908	5:45:00

No. of excursion above 50.03 Hz

No. of excursion above 50.03 Hz	121
No. of excursion below 49.97 Hz	156
No. of excursion above 50.00 Hz	173
No. of excursion below 50.00 Hz	172

Average time freq remains below 49.97 per excursion

0:03:19

Average time frequency remains above 50.03 per excursion

0:02:57