

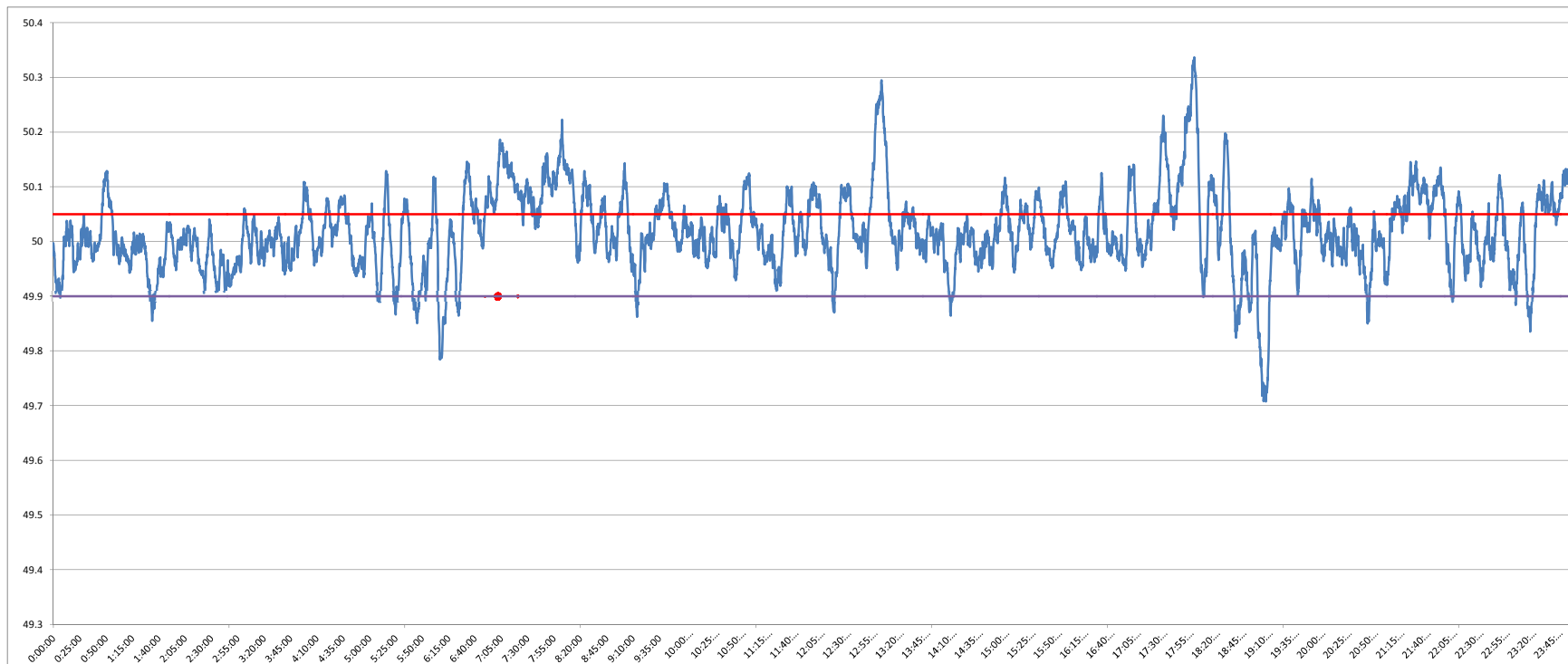


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Apr-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	4.57	22.03	0.73	3.84	36.40	47.53	9.92	65.45	98.43	38.11	18.58	58.96	39.86	29.98	1.57

Average Frequency	50.02	Frequency Variation Index :	0.057	Standard Deviation :	0.073
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Instantaneous Frequency	
MAX	50.34 18:02:30
Min	49.71 19:10:30

15 minute average Frequency		
Max	50.188	13:15:00
Min	49.817	19:15:00

No. of excursion above 50.03 Hz	129
No. of excursion below 49.97 Hz	134
No. of excursion above 50.00 Hz	181
No. of excursion below 50.00 Hz	179

Average time freq remains below 49.97 per excursion	0:02:22	Average time frequency remains above 50.03 per excursion	0:04:27
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