

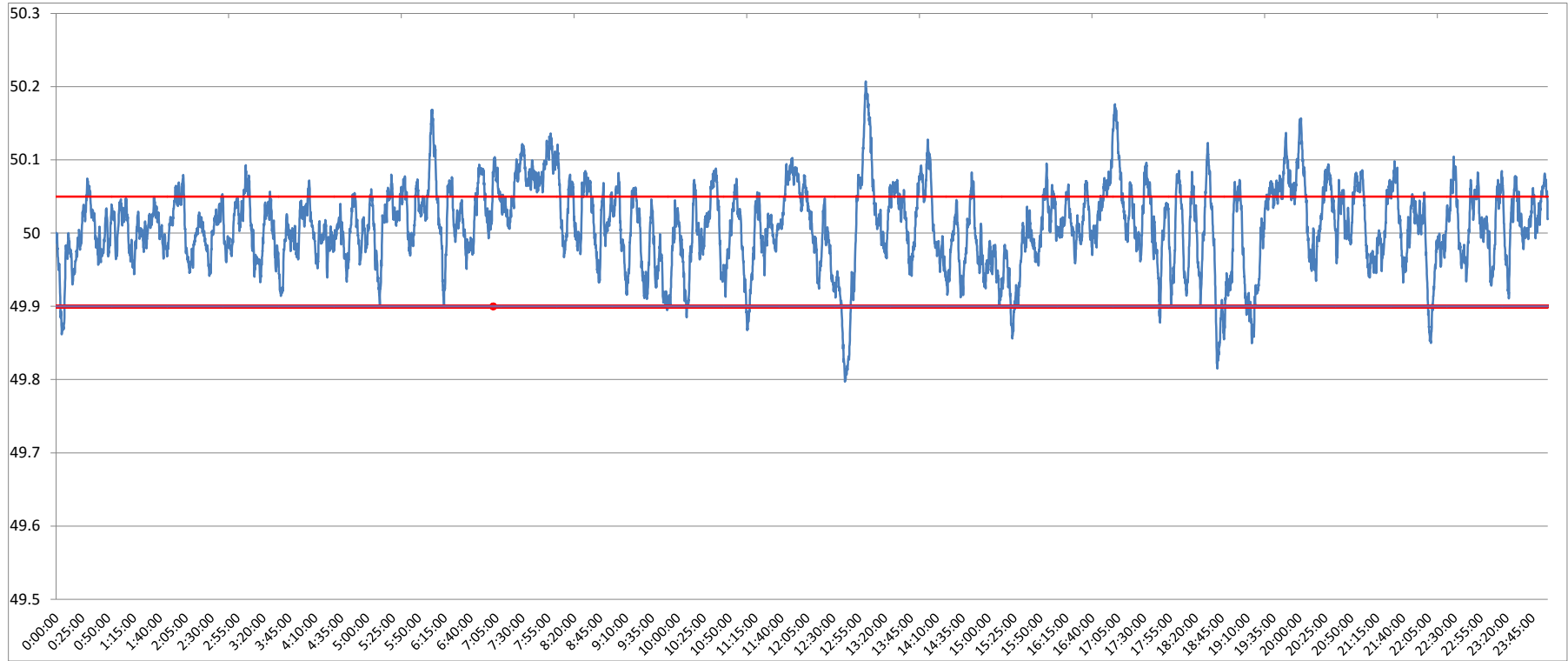


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-Aug-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	2.95	21.42	0.03	2.92	38.95	54.69	3.38	73.41	99.97	42.14	20.36	58.06	36.44	23.63	0.03

Average Frequency	50.01	Frequency Variation Index :	0.031	Standard Deviation :	0.055
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Instantaneous Frequency	
Max	50.21 13:01:40
Min	49.80 12:41:30

15 minute average Frequency	
Max	50.100 13:15:00
Min	49.882 12:45:00

No. of excursion above 50.03 Hz	147
No. of excursion below 49.97 Hz	115
No. of excursion above 50.00 Hz	167
No. of excursion below 50.00 Hz	162

Average time freq remains below 49.97 per excursion	0:02:41	Average time frequency remains above 50.03 per excursion	0:03:34
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