

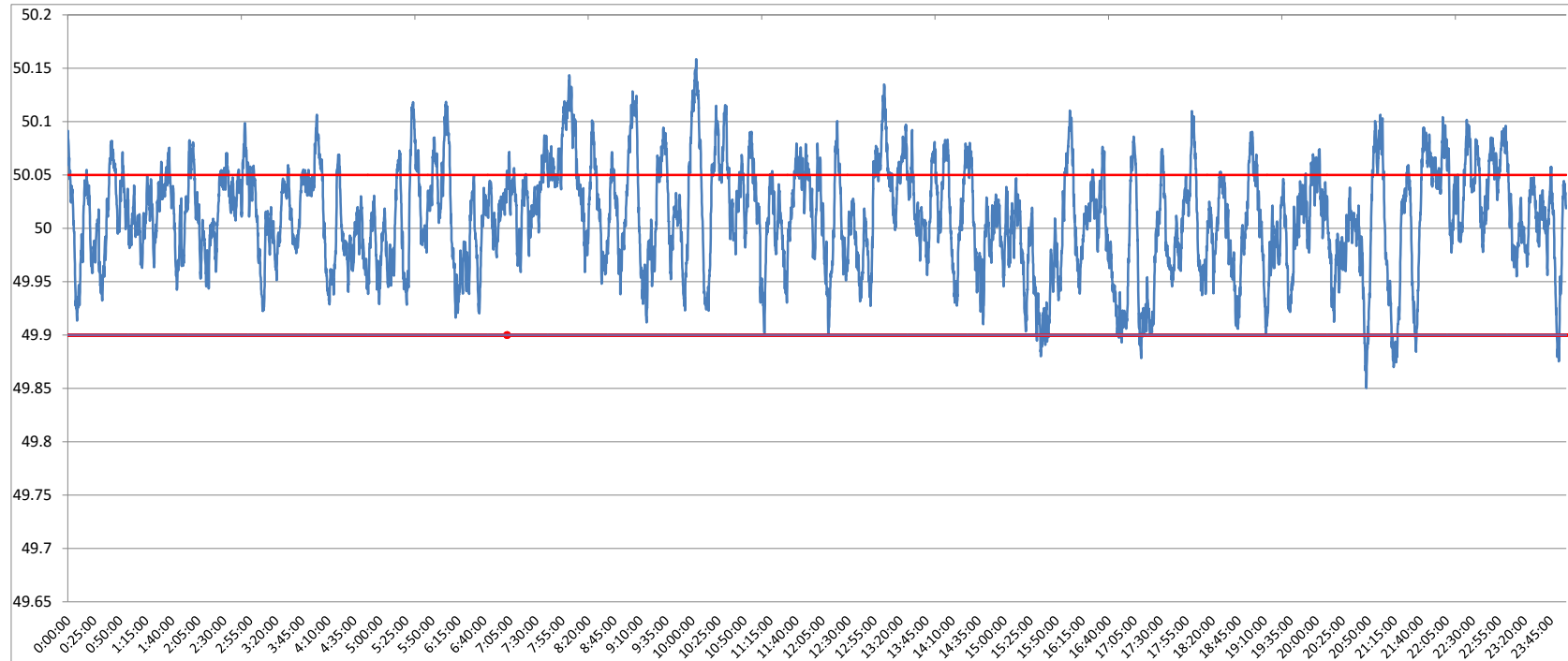


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

27-Jul-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	1.35	21.09	0.00	1.35	39.59	56.54	2.51	76.64	100.00	42.63	19.57	58.99	36.28	22.00	0.00

Average Frequency	50.01	Frequency Variation Index :	0.025	Standard Deviation :	0.049
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Instantaneous Frequency	
Max	50.16 10:03:40
Min	49.85 20:47:50

15 minute average Frequency		
Max	50.077	8:15:00
Min	49.915	15:45:00

No. of excursion above 50.03 Hz	155
No. of excursion below 49.97 Hz	137
No. of excursion above 50.00 Hz	165
No. of excursion below 50.00 Hz	163

Average time freq remains below 49.97 per excursion	0:02:13	Average time frequency remains above 50.03 per excursion	0:03:22
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