

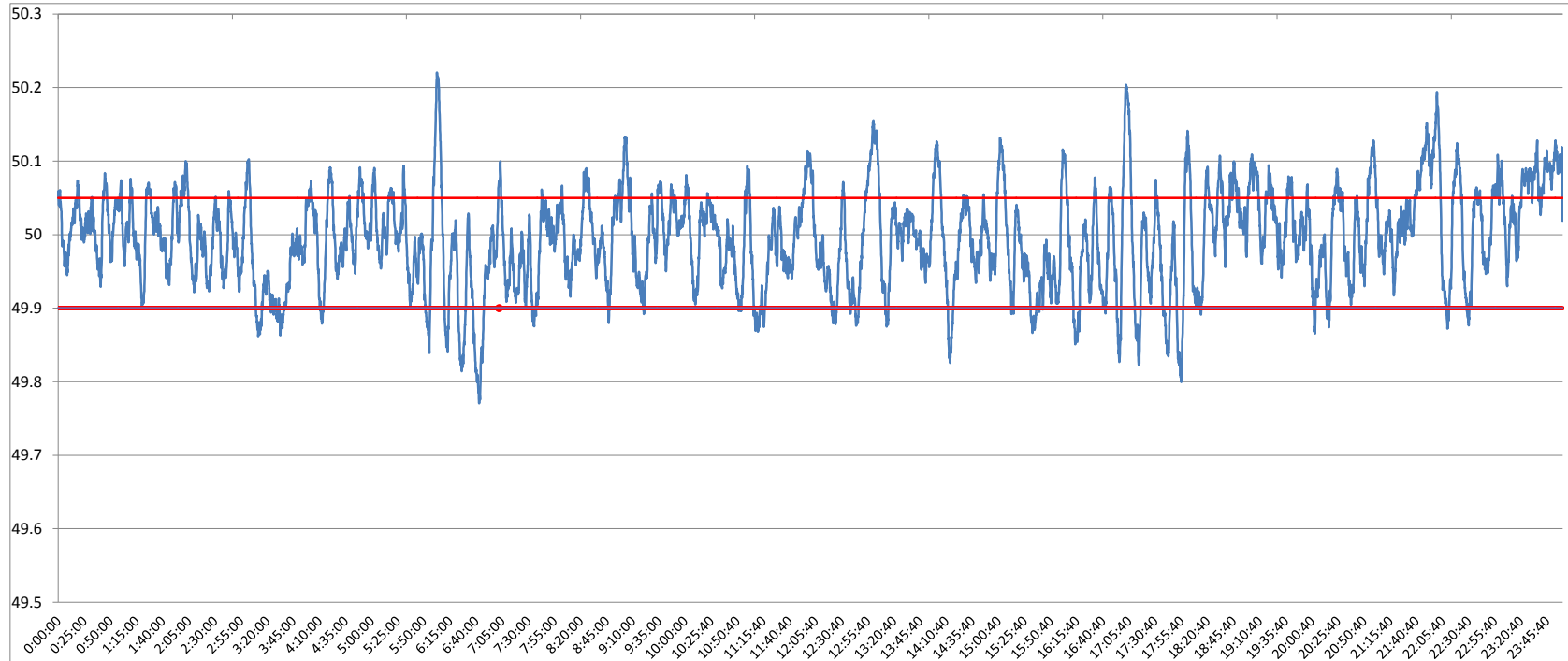


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

21-Dec-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	8.23	35.90	0.19	8.04	44.44	42.63	4.53	71.05	99.83	34.11	16.08	47.29	29.99	20.72	0.17

Average Frequency	49.99	Frequency Variation Index :	0.045	Standard Deviation :	0.067
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.22 6:02:30	Max	50.120 22:00:00	121		146	
Min	49.77 6:42:50	Min	49.886 6:45:00	150		149	

Average time freq remains below 49.97 per excursion	0:03:32	Average time frequency remains above 50.03 per excursion	0:03:34
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