

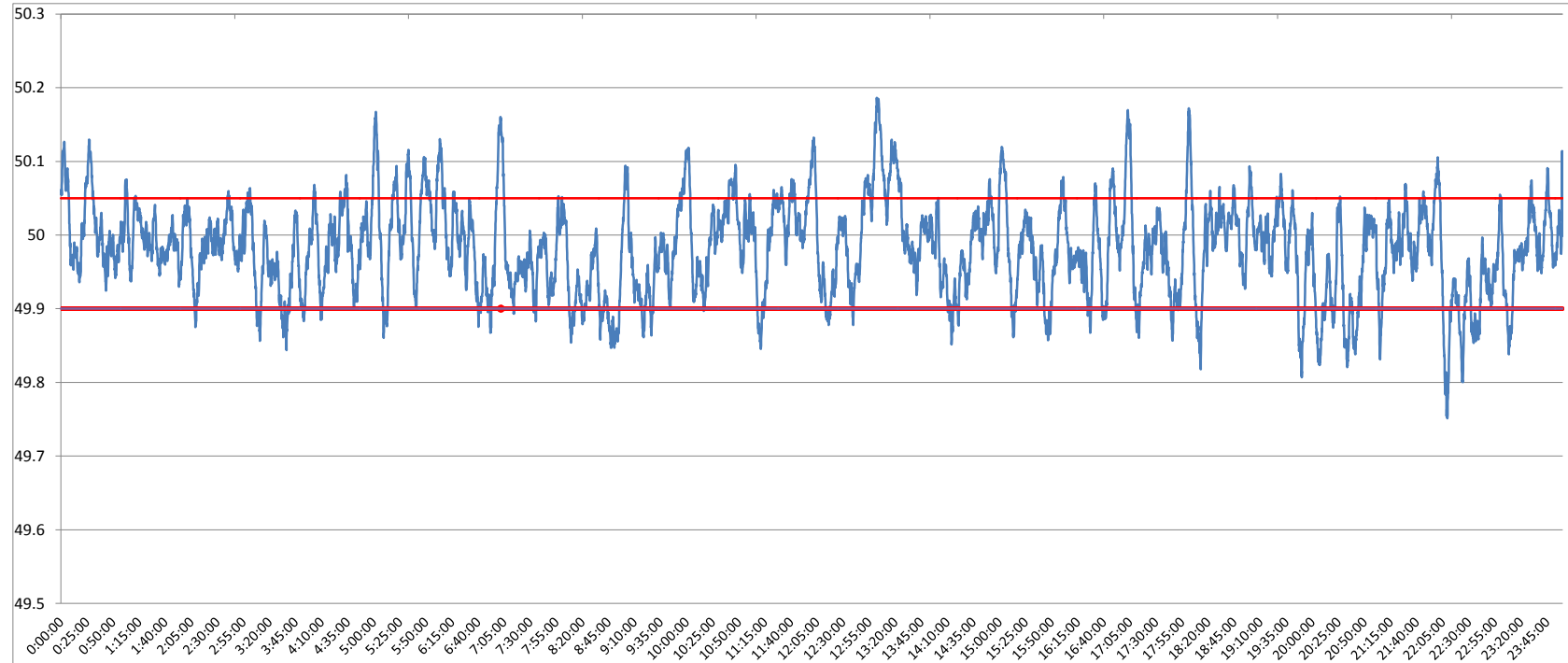


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-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	10.84	41.47	0.22	10.63	50.60	35.09	3.46	76.40	100.00	38.03	9.36	38.53	20.50	12.75	0.00

Average Frequency	49.98	Frequency Variation Index :	0.044	Standard Deviation :	0.064
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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	50.19 13:02:20	Max	50.107 13:15:00	121		172	
Min	49.75 22:09:20	Min	49.870 20:45:00	157		157	

Average time freq remains below 49.97 per excursion	0:03:28	Average time frequency remains above 50.03 per excursion	0:02:26
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