

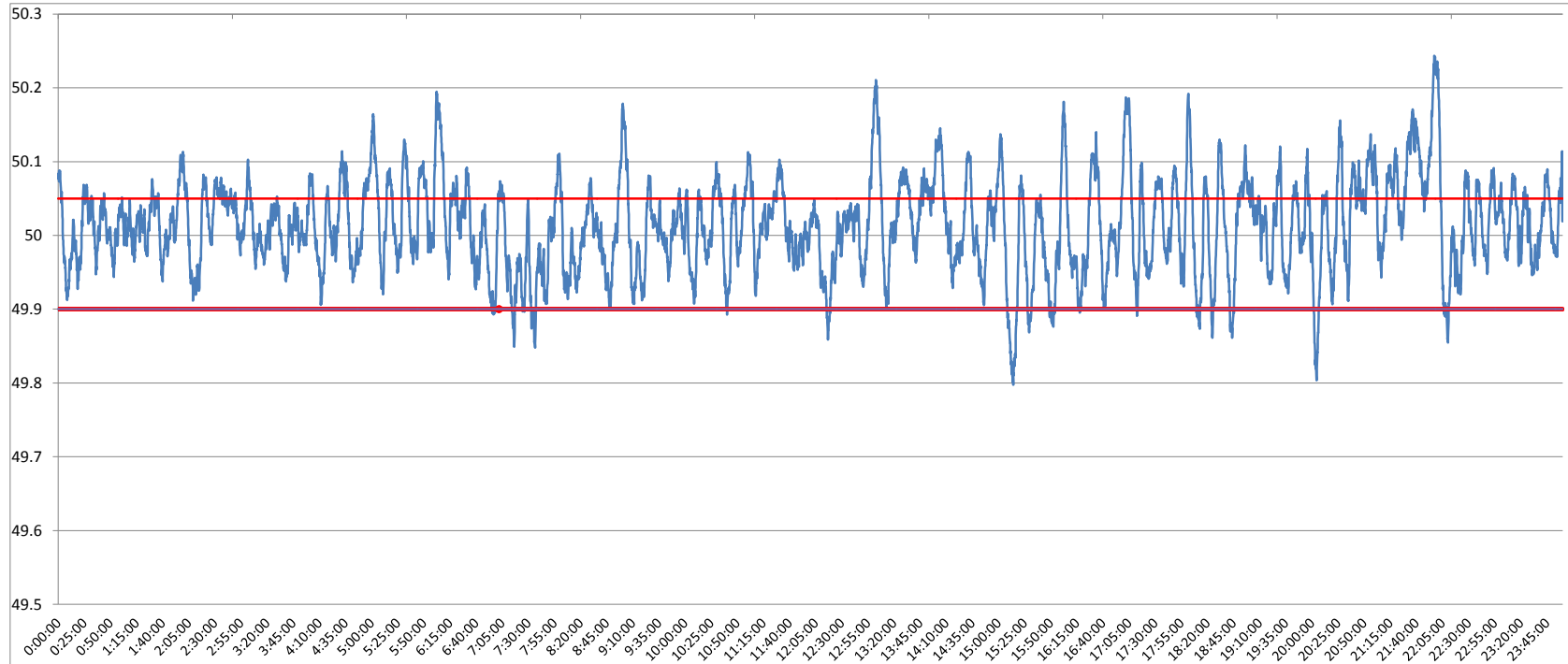


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

24-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	3.37	24.62	0.01	3.36	39.44	49.63	7.11	68.59	99.55	35.94	20.57	57.13	39.44	28.04	0.45

Average Frequency	50.01	Frequency Variation Index :	0.042	Standard Deviation :	0.063
Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.24 21:57:00	Max	50.128 22:00:00	No. of excursion below 49.97 Hz	131
Min	49.80 15:14:00	Min	49.935 7:45:00	No. of excursion above 50.00 Hz	168
Average time freq remains below 49.97 per excursion		0:02:42	Average time frequency remains above 50.03 per excursion		0:03:49
					No. of excursion below 50.00 Hz
					167