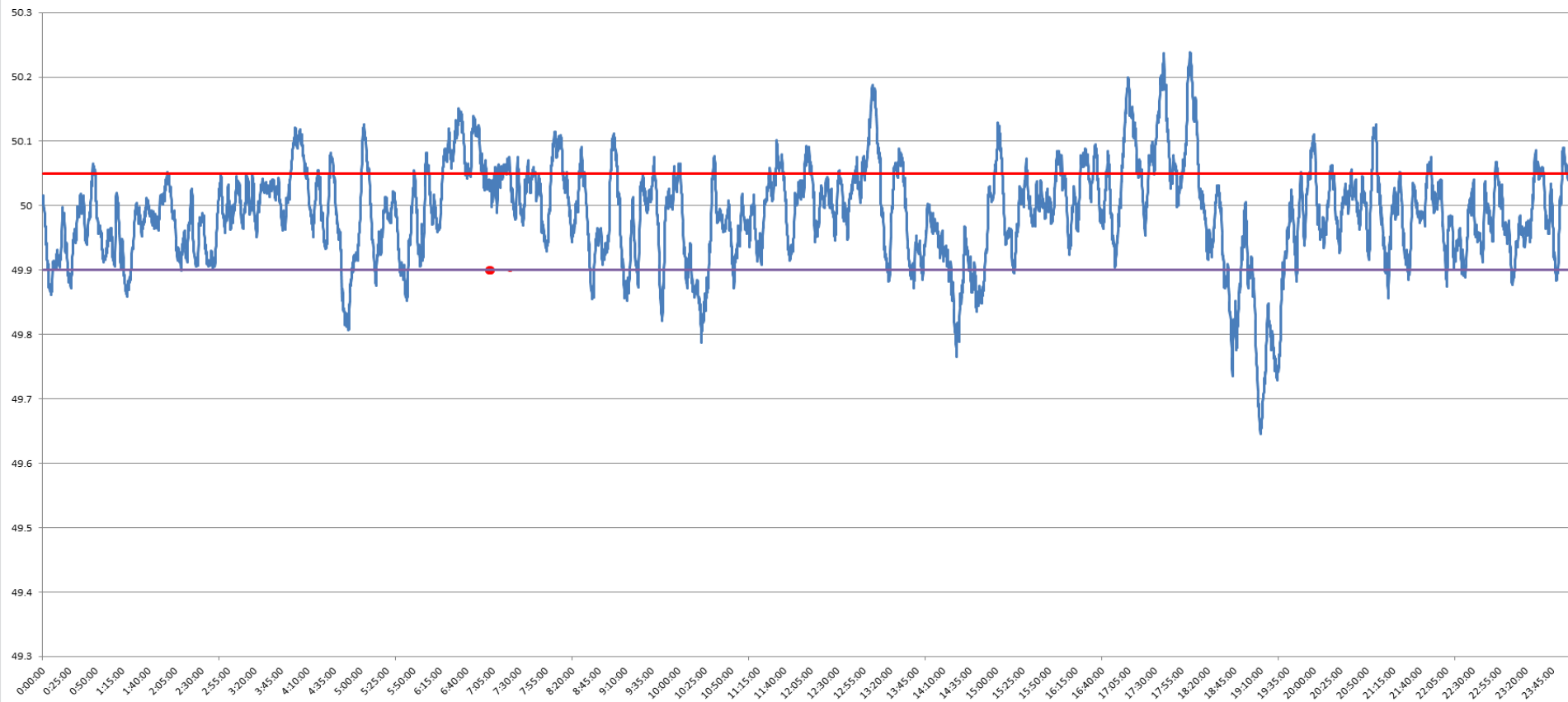




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 27-Apr-15



<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	0.31	11.22	37.78	1.41	9.49	43.28	39.76	5.37	69.59	99.31	33.66	13.47	45.45	28.56	19.19	0.38

Average Frequency		49.99	Frequency Variation Index :		0.061	Standard Deviation :		0.077	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		117	
MAX	50.24	18:02:50	Max	50.145	17:45:00	No. of excursion below 49.97 Hz		113	
Min	49.65	19:09:30	Min	49.765	19:15:00	No. of excursion above 50.00 Hz		140	
No. of excursion below 50.00 Hz		139		Average time freq remains below 49.97 per excursion		0:04:49	Average time frequency remains above 50.03 per excursion		0:03:31