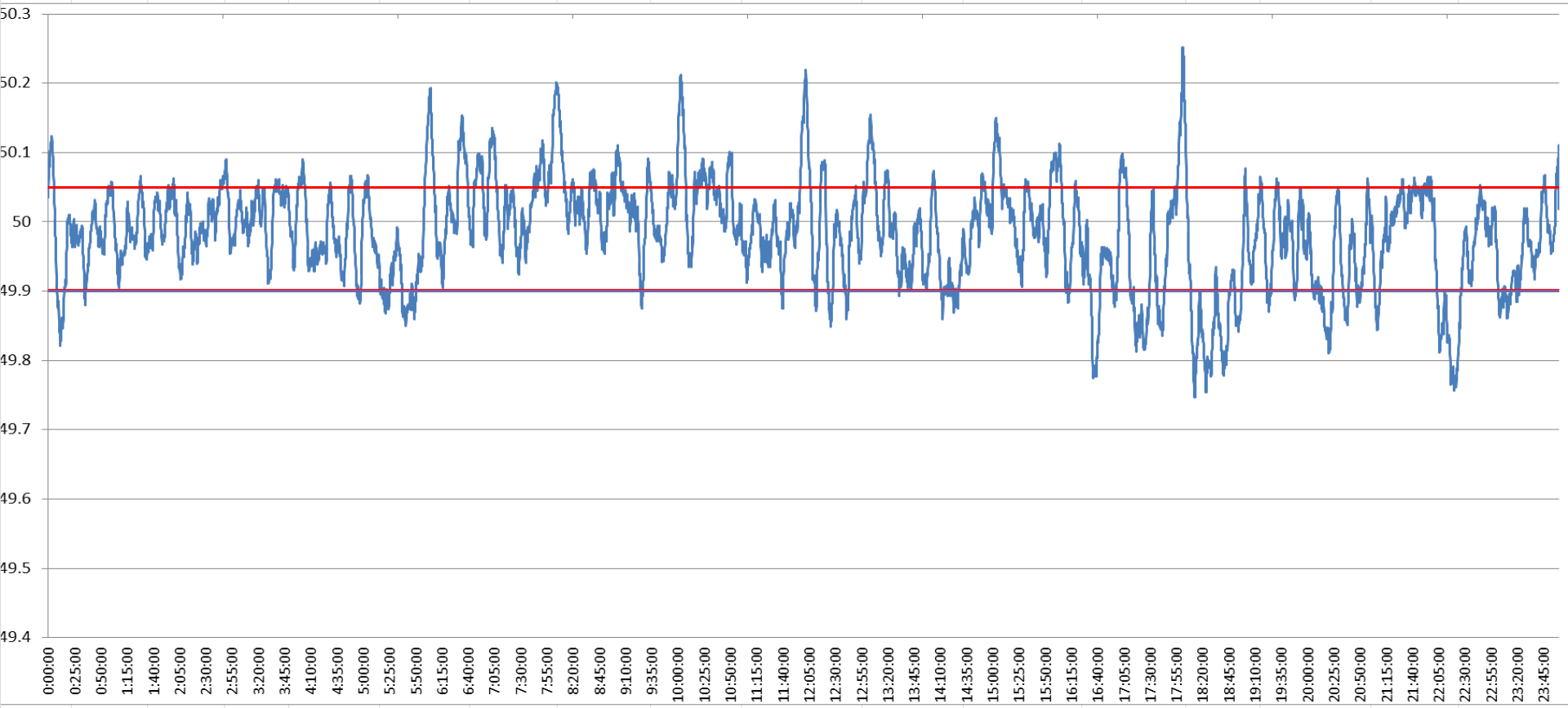
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency — National Grid Frequency Profile for 10-Oct-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	0.00	13.95	40.09	1.63	12.31	42.71	38.82	4.21	69.86	99.69	33.22	11.71	43.24	26.69	16.19	0.31

Average Frequency	49.98	Frequency Variation Index :	0.059	Standard Deviation :	0.075

Instantaneous Frequency		
Max	50.25	18:01:10
Min	49.75	18:12:10

15 minute average Frequency		
Max	50.122	8:15:00
Min	49.817	18:30:00

No. of excursion above 50.03 Hz	133
No. of excursion below 49.97 Hz	130
No. of excursion above 50.00 Hz	123
No. of excursion below 50.00 Hz	117

Average time freq remains below 49.97 per excursion	0:04:26	Average time frequency remains above 50.03 per excursion	0:02:53