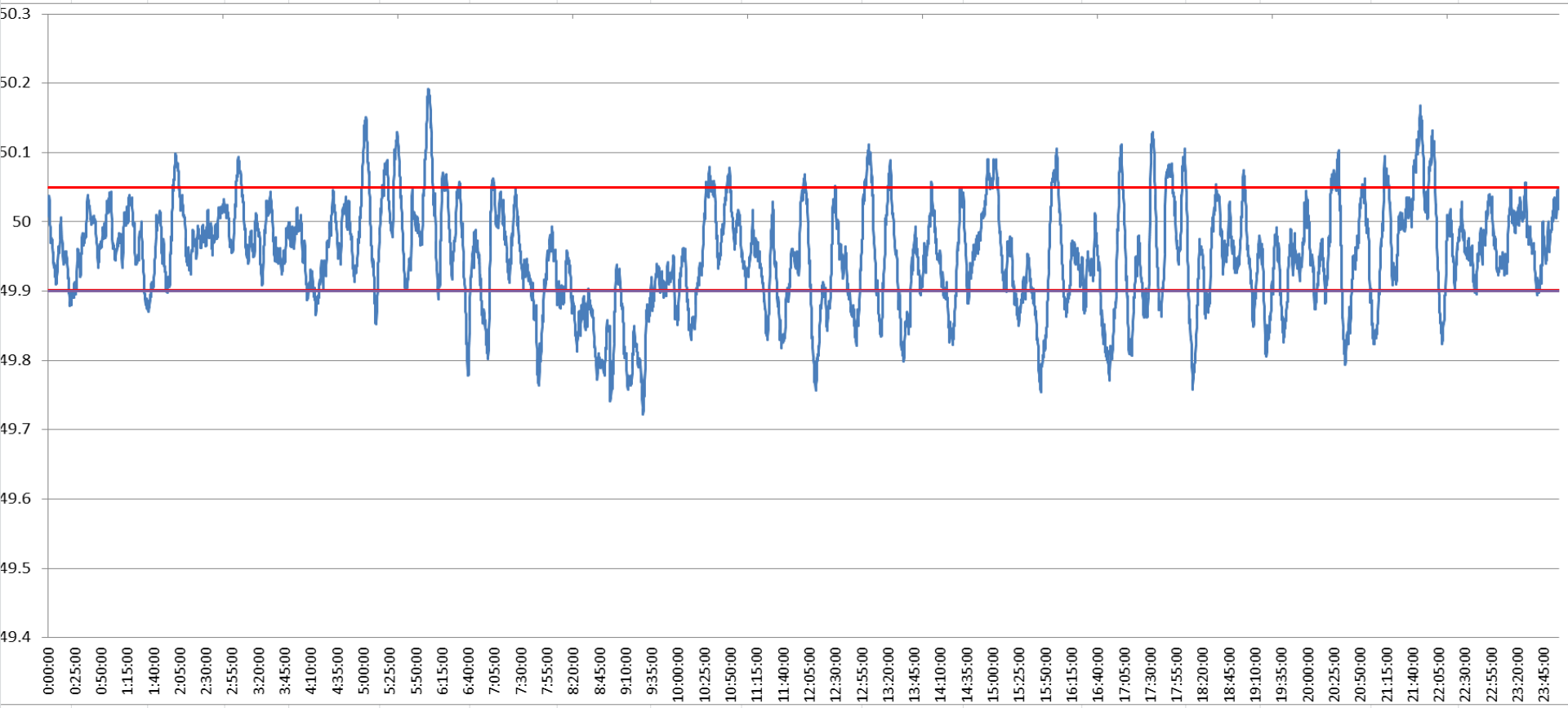
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 12-Dec-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	23.60	59.78	2.81	20.79	50.36	24.07	1.97	67.18	100.00	25.49	7.28	26.00	14.73	9.22	0.00

Average Frequency	49.95	Frequency Variation Index :	0.080	Standard Deviation :	0.075

Instantaneous Frequency		
Max	50.19	6:02:10
Min	49.72	9:26:50

15 minute average Frequency		
Max	50.088	22:00:00
Min	49.792	9:30:00

No. of excursion above 50.03 Hz	85
No. of excursion below 49.97 Hz	131
No. of excursion above 50.00 Hz	99
No. of excursion below 50.00 Hz	97

Average time freq remains below 49.97 per excursion	0:06:34	Average time frequency remains above 50.03 per excursion	0:02:30