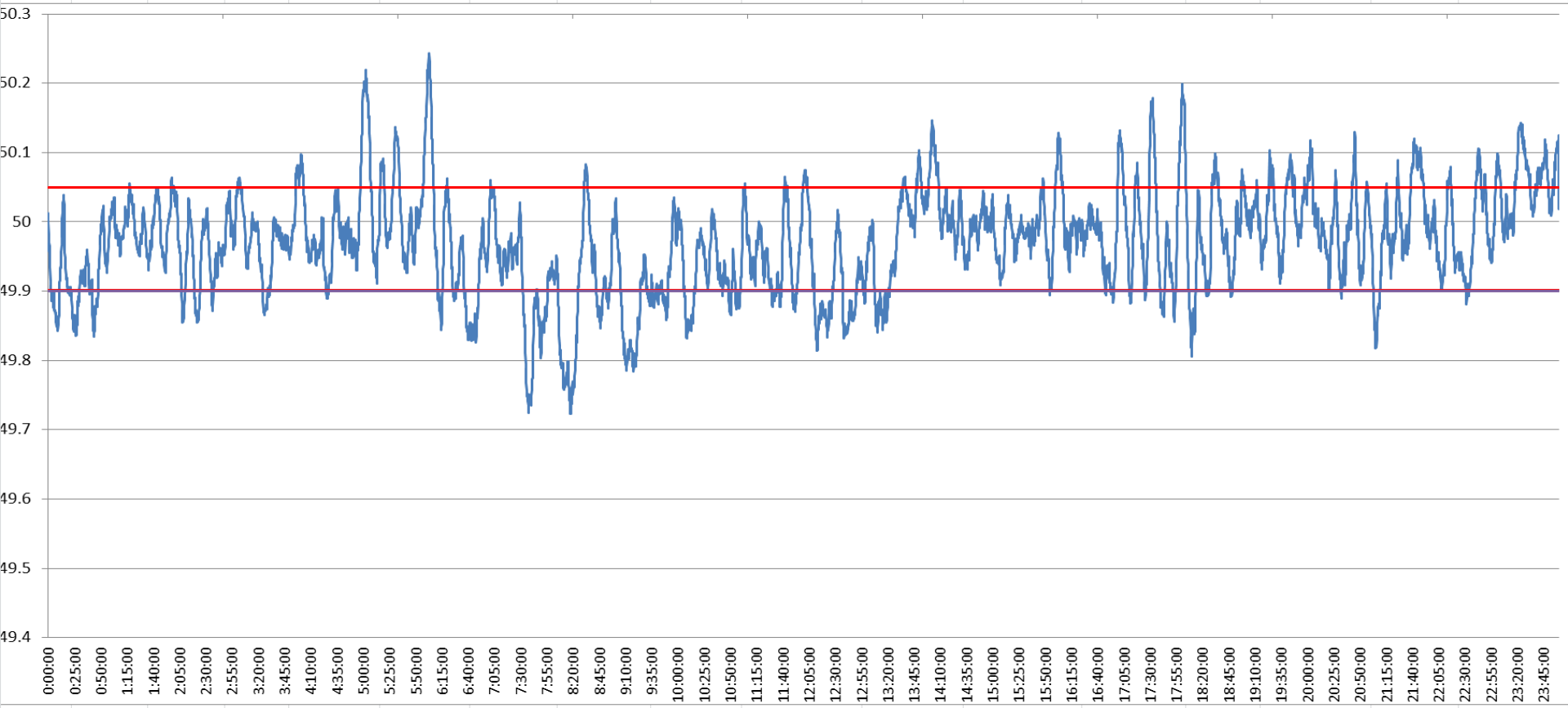
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency — National Grid Frequency Profile for 13-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	17.42	48.24	1.74	15.68	50.31	28.19	3.73	69.10	99.65	31.75	9.49	32.20	20.01	13.48	0.35

Average Frequency	49.97	Frequency Variation Index :	0.066	Standard Deviation :	0.075

Instantaneous Frequency		
Max	50.24	6:02:40
Min	49.72	8:18:00

15 minute average Frequency		
Max	50.085	23:30:00
Min	49.827	7:45:00

No. of excursion above 50.03 Hz	87
No. of excursion below 49.97 Hz	131
No. of excursion above 50.00 Hz	139
No. of excursion below 50.00 Hz	139

Average time freq remains below 49.97 per excursion	0:05:18	Average time frequency remains above 50.03 per excursion	0:03:19