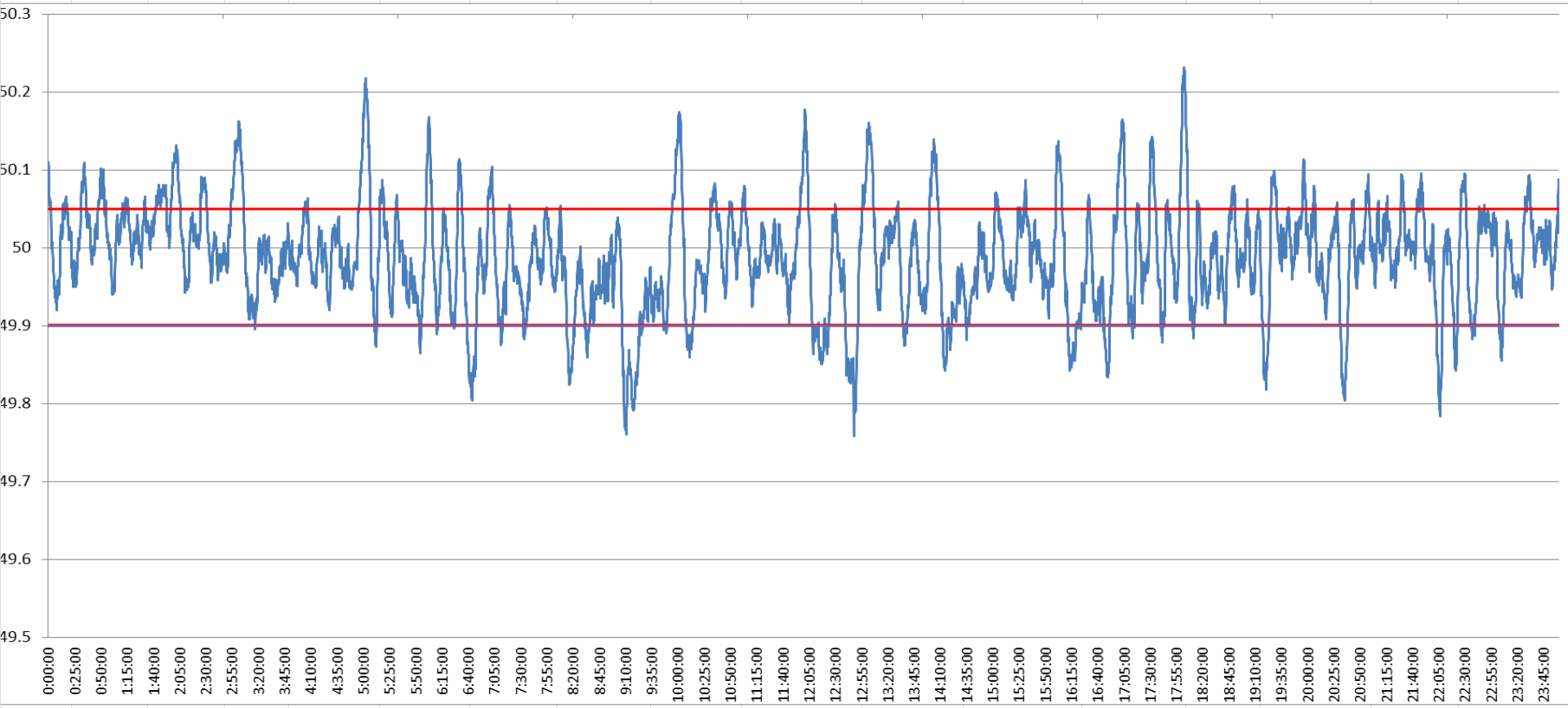
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 05-Jan-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	9.80	38.53	0.47	9.33	47.29	38.15	4.47	74.40	99.71	37.09	11.10	42.88	24.38	15.80	0.29

Average Frequency	49.99	Frequency Variation Index :	0.048	Standard Deviation :	0.068

Instantaneous Frequency		
Max	50.23	18:02:30
Min	49.76	12:47:40

15 minute average Frequency		
Max	50.059	2:00:00
Min	49.867	9:30:00

No. of excursion above 50.03 Hz	135
No. of excursion below 49.97 Hz	153
No. of excursion above 50.00 Hz	154
No. of excursion below 50.00 Hz	153

Average time freq remains below 49.97 per excursion	0:03:38	Average time frequency remains above 50.03 per excursion	0:02:36