

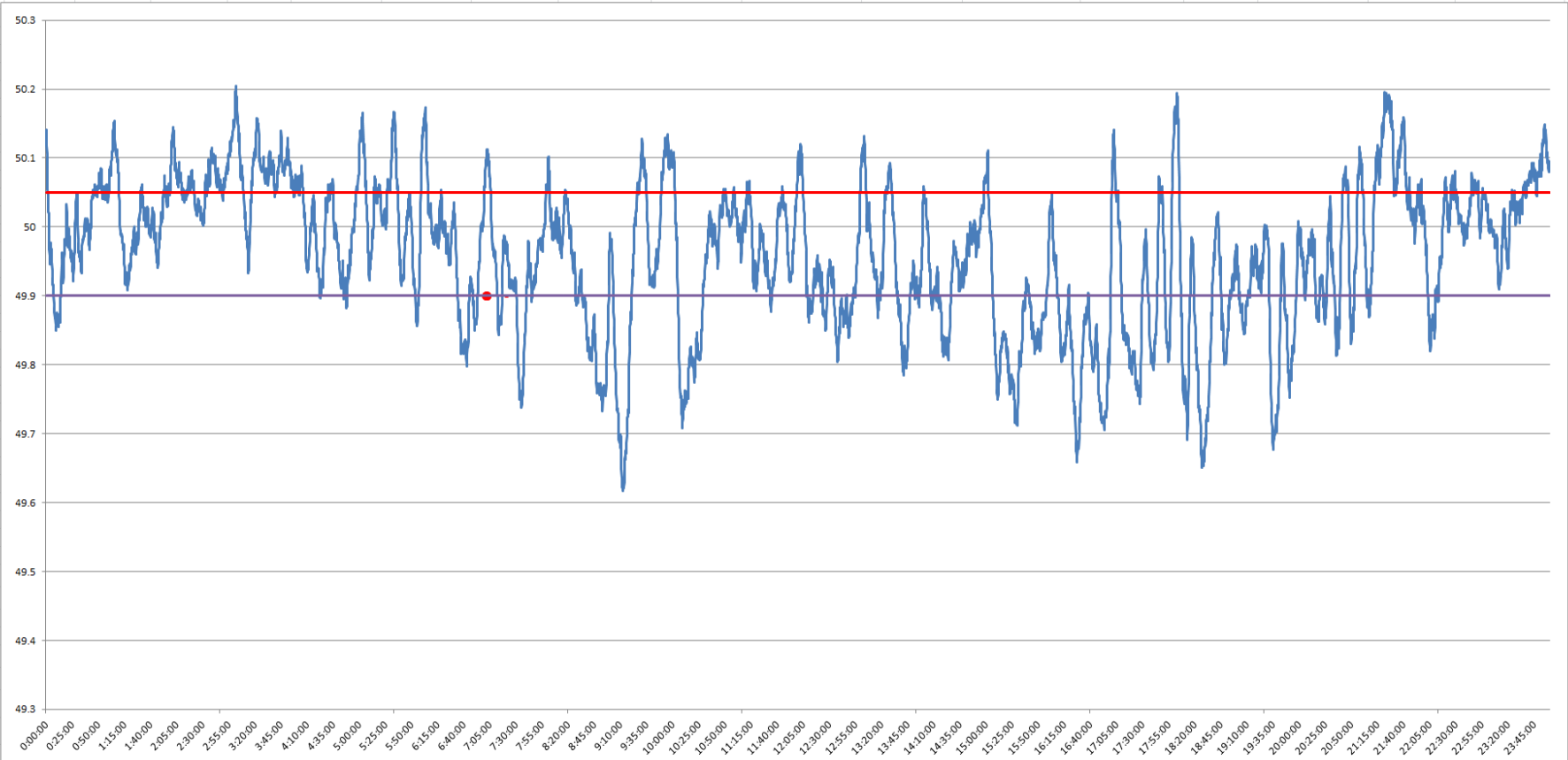


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

07-Jan-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	1.33	27.57	49.43	6.78	19.46	32.91	32.74	6.77	50.52	98.66	22.04	15.22	39.50	28.53	21.91	0.01

Average Frequency	49.96	Frequency Variation Index :	0.130	Standard Deviation :	0.106
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	80
MAX	50.21 3:01:50	Max	50.146 21:30:00	No. of excursion below 49.97 Hz	81
Min	49.62 9:12:10	Min	49.769 9:15:00	No. of excursion above 50.00 Hz	92
				No. of excursion below 50.00 Hz	91

Average time freq remains below 49.97 per excursion	0:08:47	Average time frequency remains above 50.03 per excursion	0:05:08
--	----------------	---	----------------