

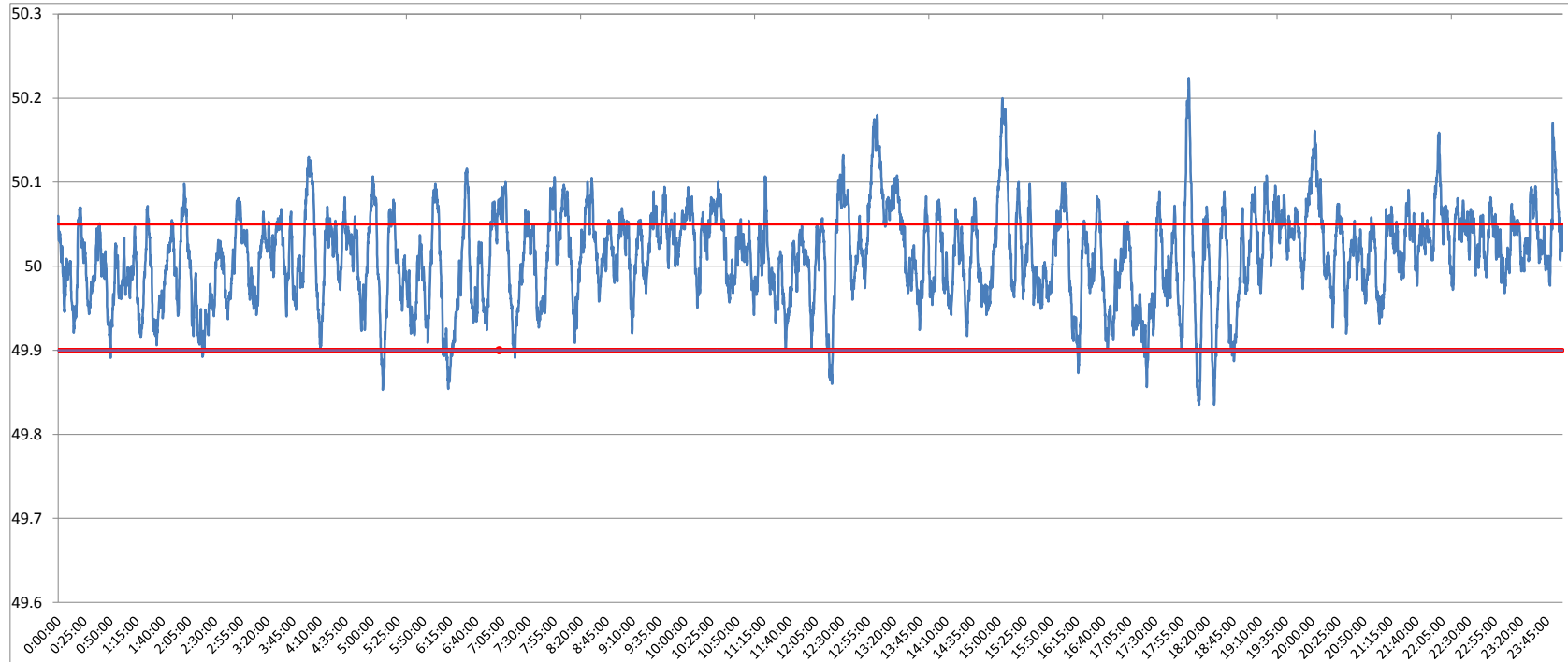


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NEHU:Frequency

National Grid Frequency Profile for

05-Oct-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	1.99	21.89	0.00	1.99	37.69	56.69	3.55	74.36	99.92	38.59	20.79	59.86	39.53	23.65	0.08

Average Frequency	50.01	Frequency Variation Index :	0.031	Standard Deviation :	0.054
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.22	18:02:10	Max	50.112	13:15:00	No. of excursion above 50.00 Hz	
Min	49.84	18:12:00	Min	49.927	17:30:00	No. of excursion below 50.00 Hz	
						139	
						147	

Average time freq remains below 49.97 per excursion	0:03:05	Average time frequency remains above 50.03 per excursion	0:03:43
--	----------------	---	----------------