

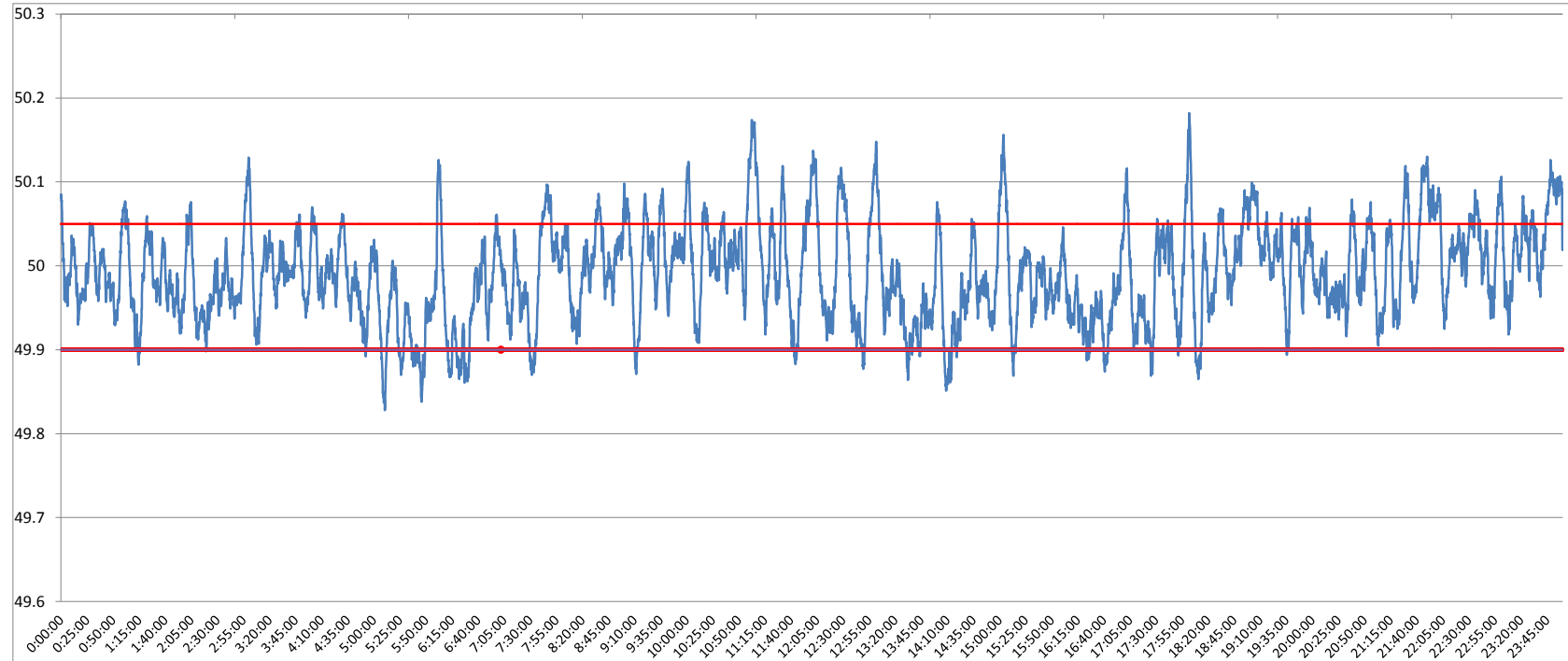


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

NEHU:Frequency

National Grid Frequency Profile for

18-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	5.37	38.13	0.00	5.37	51.52	39.47	3.65	78.92	100.00	37.03	12.53	41.94	24.85	15.71	0.00

Average Frequency	49.99	Frequency Variation Index :	0.034	Standard Deviation :	0.058
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		116	
Max	50.18	18:01:50	Max	50.092	0:00:00	No. of excursion below 49.97 Hz	159
Min	49.83	5:10:40	Min	49.896	6:30:00	No. of excursion above 50.00 Hz	101
				No. of excursion below 50.00 Hz	92		

Average time freq remains below 49.97 per excursion	0:03:27	Average time frequency remains above 50.03 per excursion	0:03:05
--	----------------	---	----------------