

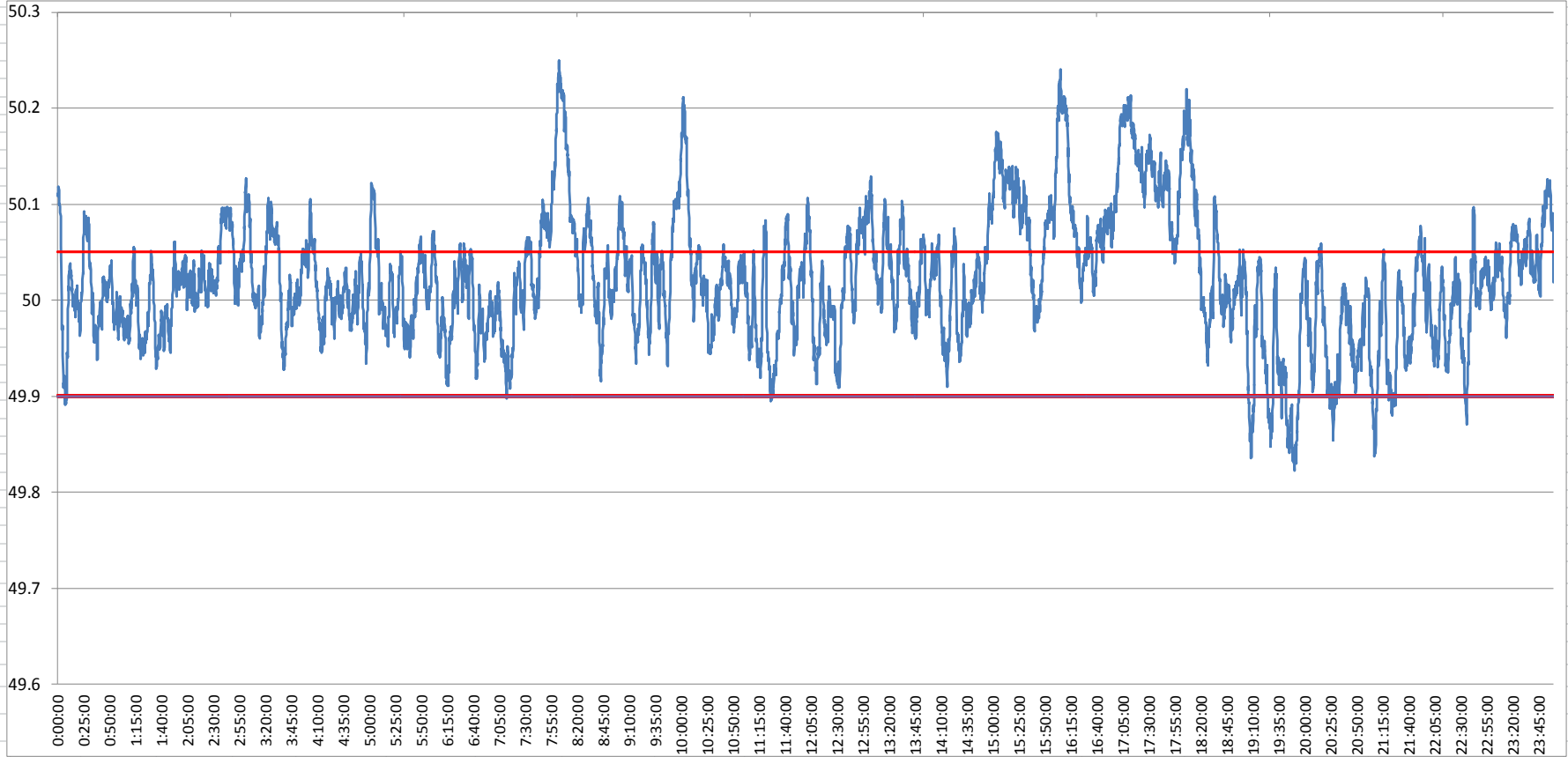


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

19-Jul-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	2.86	20.19	0.00	2.86	34.90	50.87	10.17	68.52	98.80	38.90	17.40	62.20	40.91	28.62	1.20

Average Frequency	50.02	Frequency Variation Index :	0.049	Standard Deviation :	0.066
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.25 8:02:40	Max	50.184 17:15:00	154		115	
Min	49.82 19:50:10	Min	49.905 20:00:00	187		185	

Average time freq remains below 49.97 per excursion	0:02:32	Average time frequency remains above 50.03 per excursion	0:03:50
--	----------------	---	----------------