

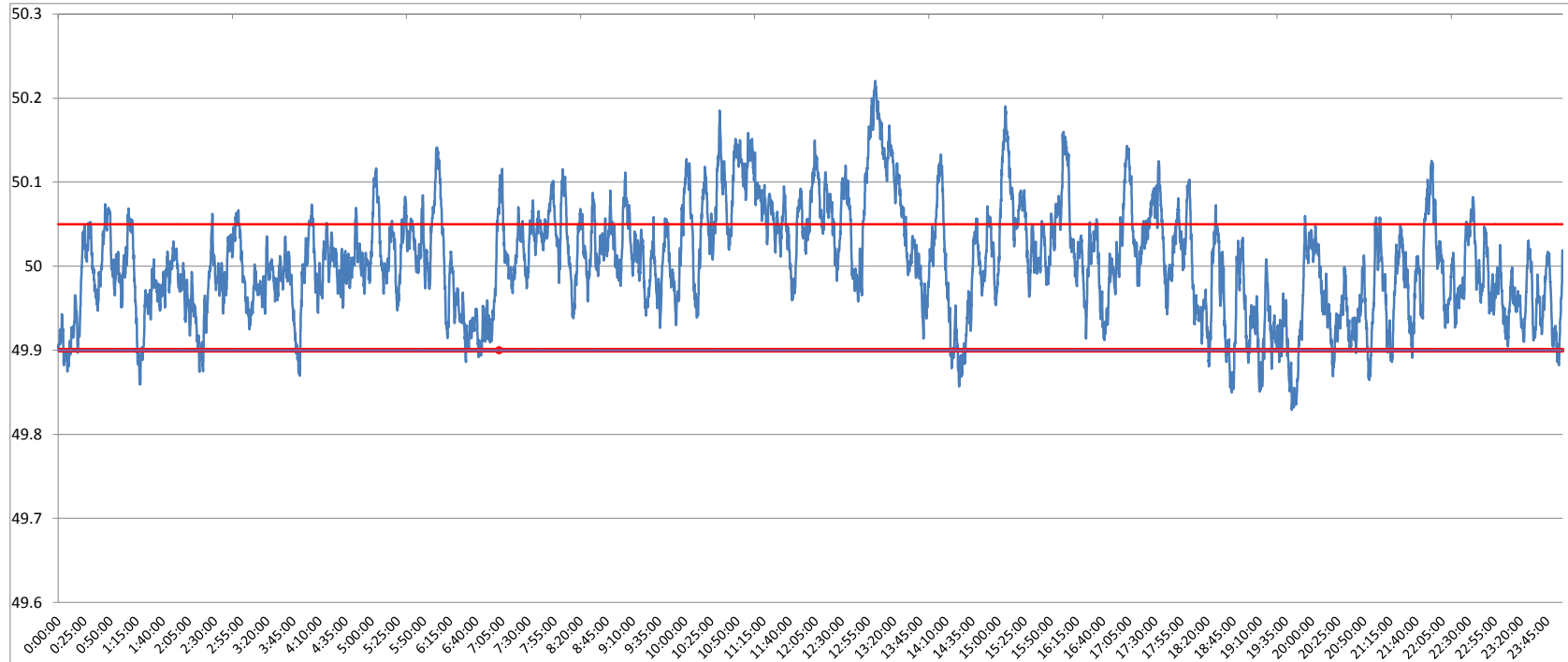


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

06-Aug-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	4.66	29.09	0.00	4.66	42.96	44.68	7.52	72.62	99.83	37.38	15.08	52.29	33.53	22.72	0.17

Average Frequency	50.01	Frequency Variation Index :	0.041	Standard Deviation :	0.064
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.22 13:02:00	Max	50.161 13:15:00	135		113	
Min	49.83 19:40:40	Min	49.888 19:45:00	156		155	

Average time freq remains below 49.97 per excursion	0:03:42	Average time frequency remains above 50.03 per excursion	0:03:35
--	----------------	---	----------------