

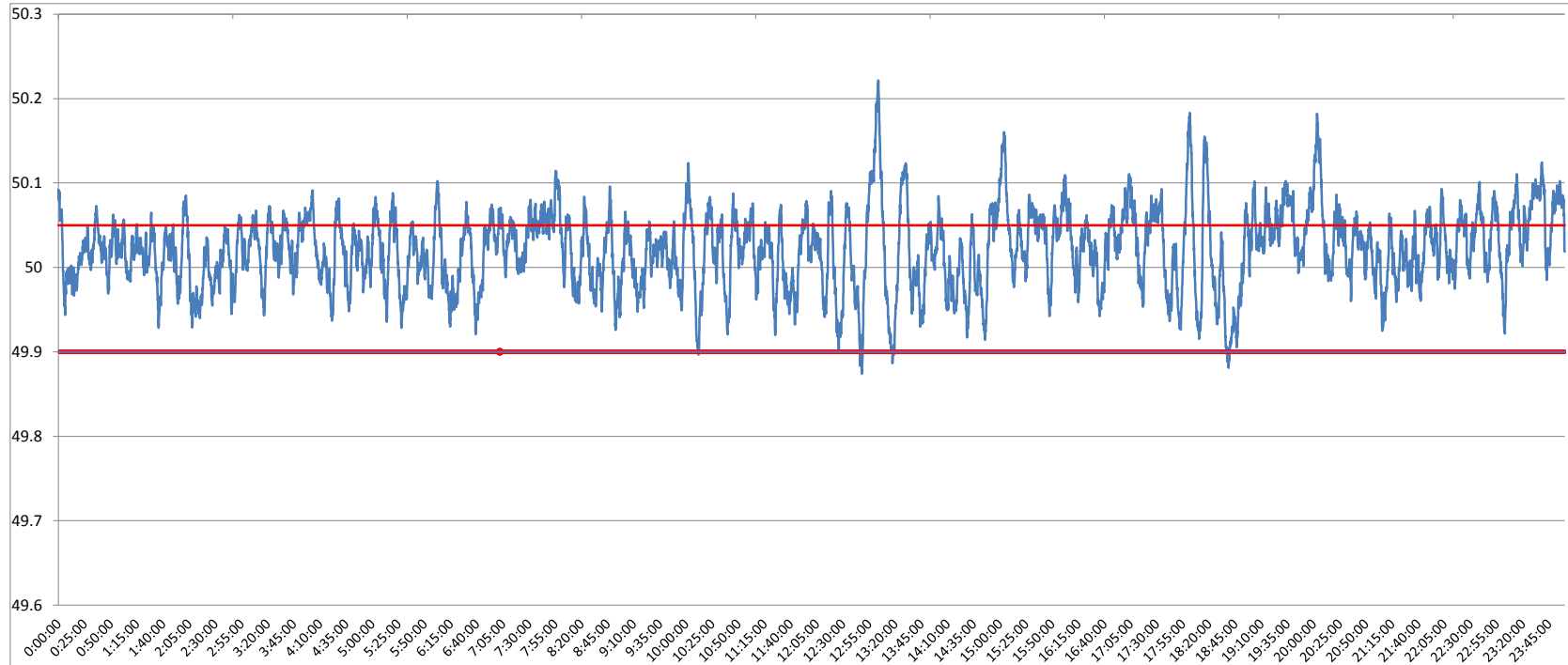


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

15-Sep-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	0.42	14.10	0.00	0.42	31.31	64.85	3.31	73.41	99.88	42.01	22.91	68.14	43.89	26.17	0.12

Average Frequency	50.02	Frequency Variation Index :	0.025	Standard Deviation :	0.046
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		195	
Max	50.22	13:03:50	Max	50.082	20:15:00	No. of excursion below 49.97 Hz	111		
Min	49.87	12:48:00	Min	49.944	18:45:00	No. of excursion above 50.00 Hz	166		
						No. of excursion below 50.00 Hz	167		

Average time freq remains below 49.97 per excursion	0:01:50	Average time frequency remains above 50.03 per excursion	0:03:14
--	----------------	---	----------------