

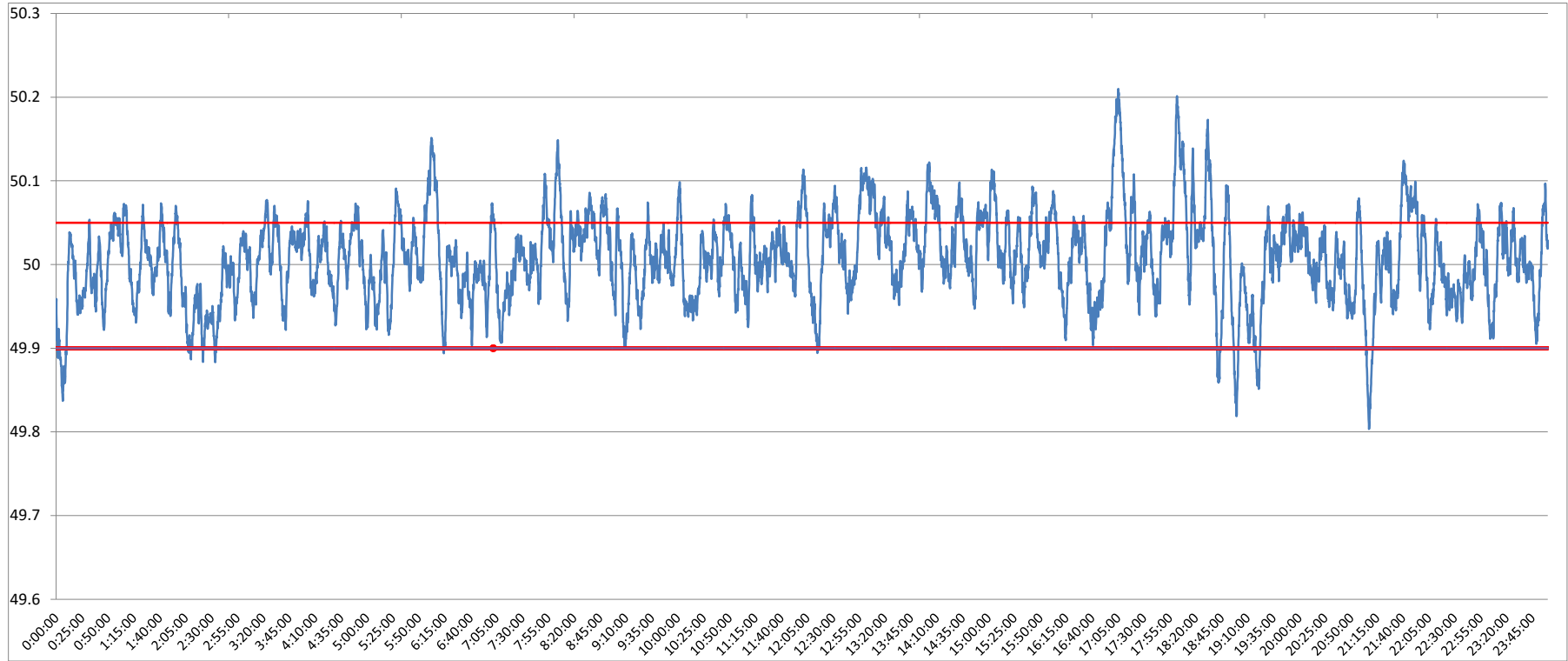


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

04-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	2.19	23.46	0.00	2.19	41.49	52.81	3.46	78.22	99.95	44.00	16.17	56.26	32.53	19.59	0.05

Average Frequency	50.01	Frequency Variation Index :	0.028	Standard Deviation :	0.053
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		
Max	50.21	17:05:20
Min	49.80	21:07:20

15 minute average Frequency		
Max	50.124	17:15:00
Min	49.913	21:15:00

No. of excursion above 50.03 Hz	179
No. of excursion below 49.97 Hz	126
No. of excursion above 50.00 Hz	185
No. of excursion below 50.00 Hz	185

Average time freq remains below 49.97 per excursion	0:02:41	Average time frequency remains above 50.03 per excursion	0:02:37
--	----------------	---	----------------