

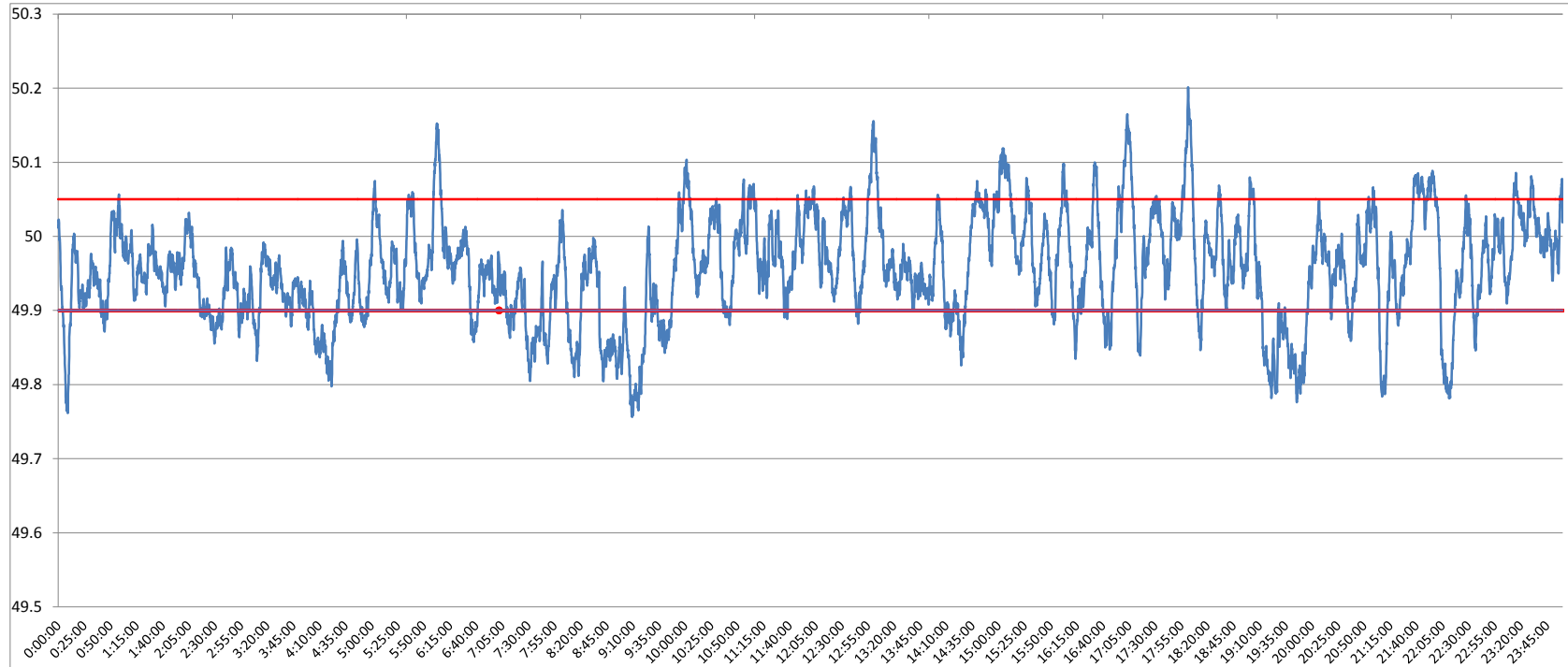


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

23-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	21.46	59.56	1.78	19.68	52.26	24.53	1.74	69.90	99.98	25.05	6.93	26.26	15.39	8.65	0.02

Average Frequency	49.95	Frequency Variation Index :	0.071	Standard Deviation :	0.071
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.2 18:01:30	Max	50.074 15:15:00	No. of excursion below 49.97 Hz	140
Min	49.76 9:09:10	Min	49.822 9:15:00	No. of excursion above 50.00 Hz	94
				No. of excursion below 50.00 Hz	93

Average time freq remains below 49.97 per excursion	0:06:08	Average time frequency remains above 50.03 per excursion	0:02:53
--	----------------	---	----------------