

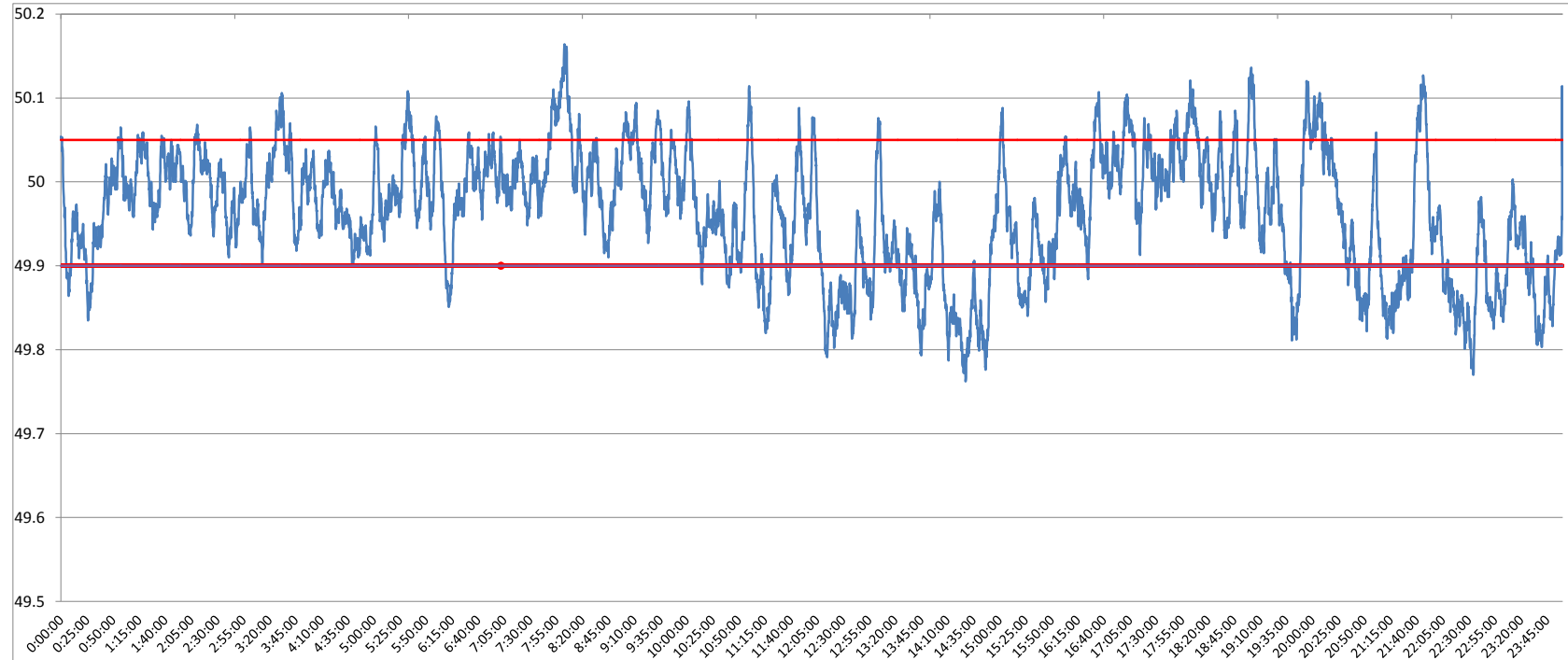


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

BAWANA:Frequency

National Grid Frequency Profile for

03-Jun-17



<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	21.19	49.71	0.90	20.29	43.23	33.87	1.71	67.07	100.00	29.97	10.45	34.51	20.32	11.74	0.00

Average Frequency	49.96	Frequency Variation Index :	0.067	Standard Deviation :	0.074
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.16	8:02:40	Max	50.076	8:15:00	104	
Min	49.76	14:27:30	Min	49.813	14:30:00	104	
				No. of excursion above 50.00 Hz		99	
				No. of excursion below 50.00 Hz		90	

Average time freq remains below 49.97 per excursion	0:06:53	Average time frequency remains above 50.03 per excursion	0:02:49
--	----------------	---	----------------