

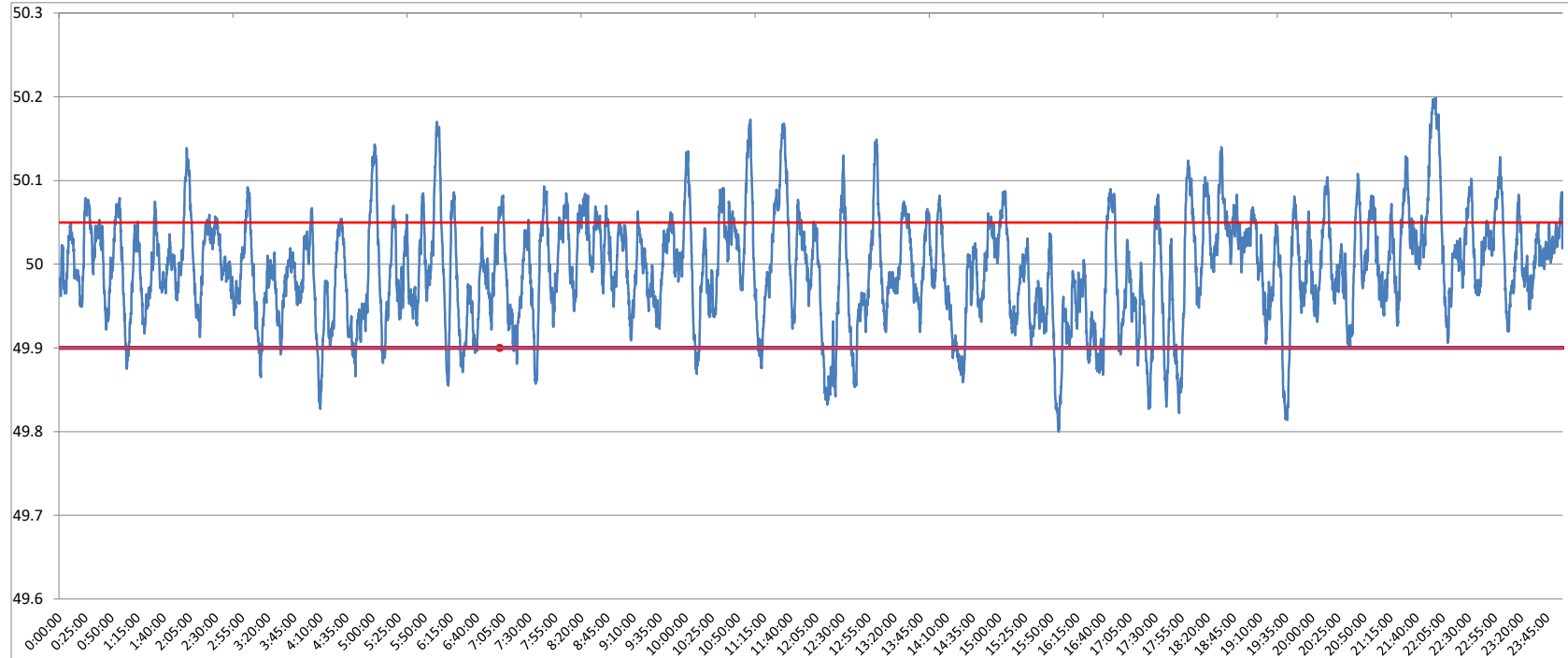


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

JABALPUR:Frequency

National Grid Frequency Profile for

09-Nov-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	7.48	34.43	0.00	7.48	44.90	43.67	3.96	74.47	100.00	36.24	14.62	46.44	29.33	18.06	0.00

Average Frequency	49.99	Frequency Variation Index :	0.041	Standard Deviation :	0.063
--------------------------	--------------	------------------------------------	--------------	-----------------------------	--------------

Instantaneous Frequency	
Max	50.2 21:58:10
Min	49.80 15:57:10

15 minute average Frequency		
Max	50.115	22:00:00
Min	49.899	14:30:00

No. of excursion above 50.03 Hz	128
No. of excursion below 49.97 Hz	120
No. of excursion above 50.00 Hz	94
No. of excursion below 50.00 Hz	98

Average time freq remains below 49.97 per excursion	0:04:08	Average time frequency remains above 50.03 per excursion	0:03:18
--	----------------	---	----------------