

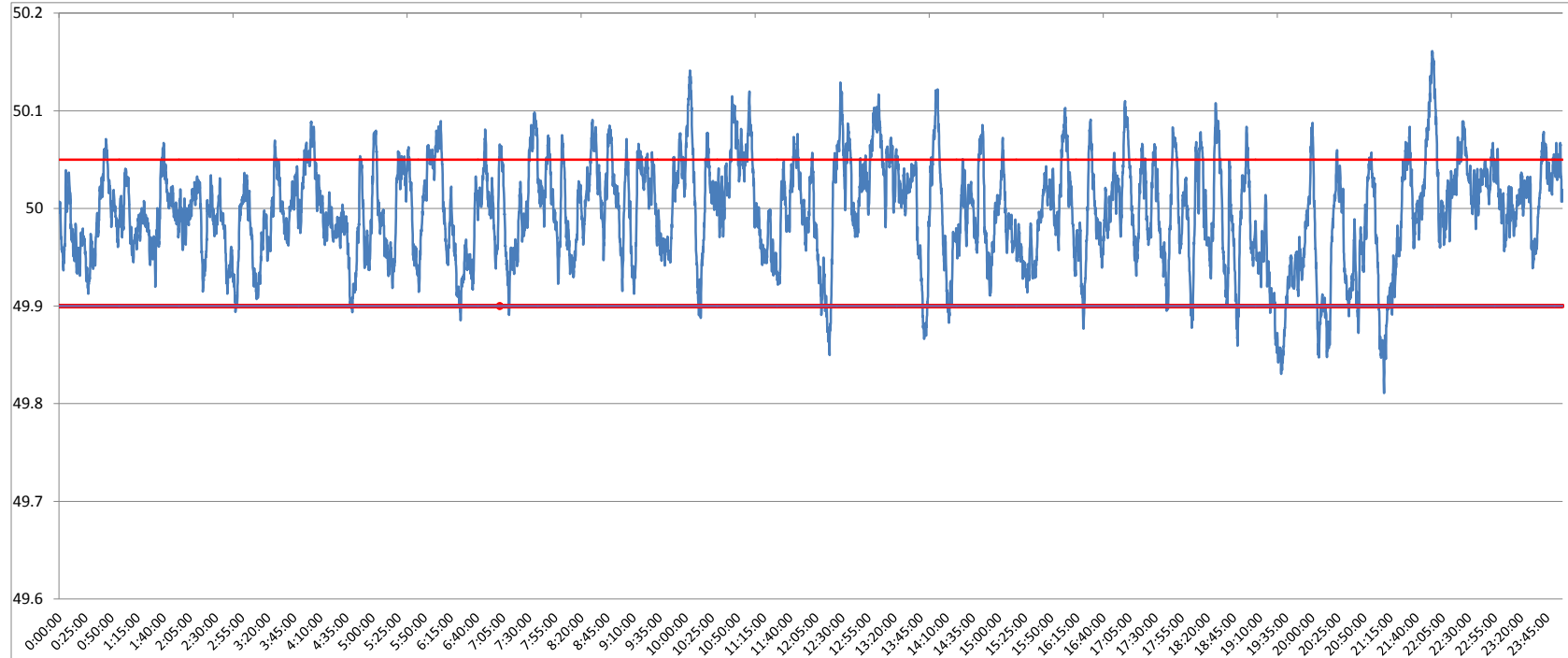


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

30-Jun-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	3.88	31.01	0.00	3.88	47.42	47.26	1.45	81.23	100.00	42.04	13.52	48.65	26.96	14.90	0.00

Average Frequency		50.00	Frequency Variation Index :		0.027	Standard Deviation :		0.052			
Instantaneous Frequency				15 minute average Frequency				No. of excursion above 50.03 Hz		170	
Max	50.16	21:55:00		Max	50.085	22:00:00		No. of excursion below 49.97 Hz	151		
Min	49.81	21:08:50		Min	49.896	21:15:00		No. of excursion above 50.00 Hz	163		
Average time freq remains below 49.97 per excursion				0:02:57	Average time frequency remains above 50.03 per excursion				0:02:17	No. of excursion below 50.00 Hz	161