

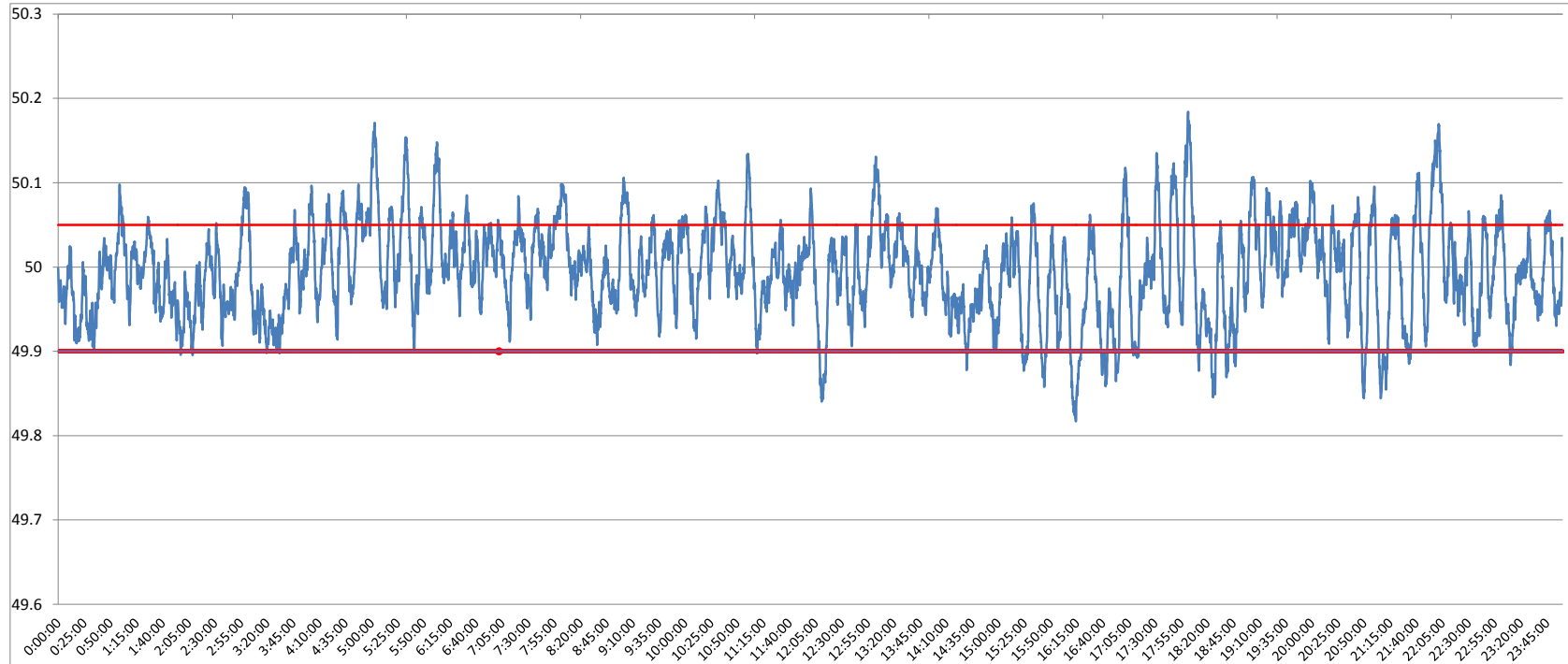


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

02-Feb-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	4.47	32.97	0.00	4.47	48.51	43.69	3.33	78.76	100.00	39.88	13.53	46.94	27.14	16.77	0.00

Average Frequency	50.00	Frequency Variation Index :	0.032	Standard Deviation :	0.057
Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.18 18:01:20	Max	50.063 13:15:00	No. of excursion below 49.97 Hz	164
Min	49.82 16:14:00	Min	49.918 21:15:00	No. of excursion above 50.00 Hz	159
Average time freq remains below 49.97 per excursion		0:02:54	Average time frequency remains above 50.03 per excursion		0:02:46
No. of excursion below 50.00 Hz		159			