

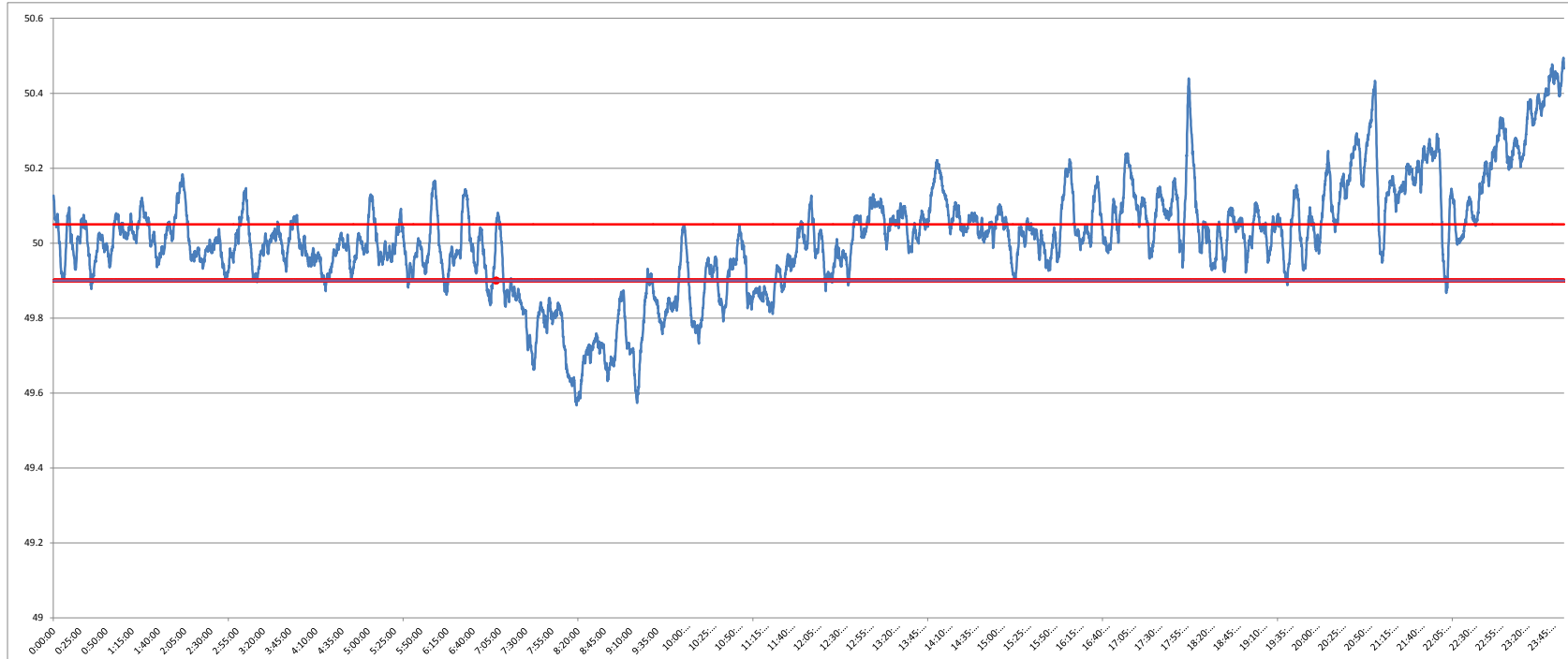


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

25-Jan-15



<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	2.72	16.62	33.11	4.44	9.46	27.42	34.21	12.33	47.35	87.86	23.38	14.73	55.27	43.51	36.03	9.42

Average Frequency		50.01	Frequency Variation Index :		0.214	Standard Deviation :		0.146	
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		83	
MAX	50.5	23:59:10	Max	50.443	0:00:00	No. of excursion below 49.97 Hz		69	
Min	49.57	8:18:40	Min	49.640	8:30:00	No. of excursion above 50.00 Hz		56	
Average time freq remains below 49.97 per excursion			0:06:55	Average time frequency remains above 50.03 per excursion		0:07:33	No. of excursion below 50.00 Hz		58