



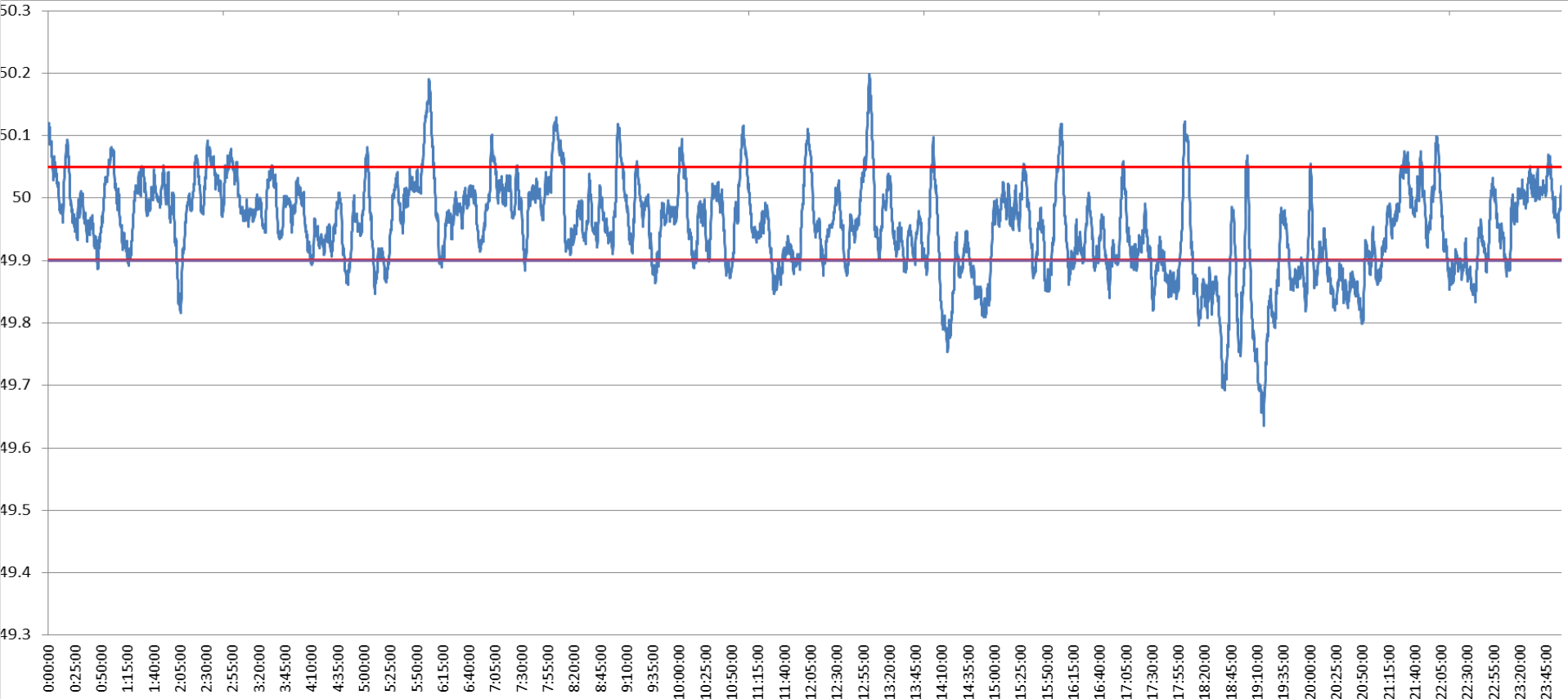
POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE NEW DELHI

HISSAR:Frequency

National Grid Frequency Profile for

11-Sep-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	0.50	22.67	55.61	1.94	20.23	50.15	25.47	1.70	68.83	99.50	30.59	6.81	27.14	13.80	8.50	0.00

Average Frequency		49.95	Frequency Variation Index :		0.076	Standard Deviation :		0.074
Instantaneous Frequency			15 minute average Frequency			No. of excursion above 50.03 Hz		71
Max	50.2	13:01:20	Max	50.047	8:15:00	No. of excursion below 49.97 Hz		126
Min	49.64	19:16:30	Min	49.782	19:30:00	No. of excursion above 50.00 Hz		112
Average time freq remains below 49.97 per excursion		0:06:21	Average time frequency remains above 50.03 per excursion		0:02:48	No. of excursion below 50.00 Hz		110