

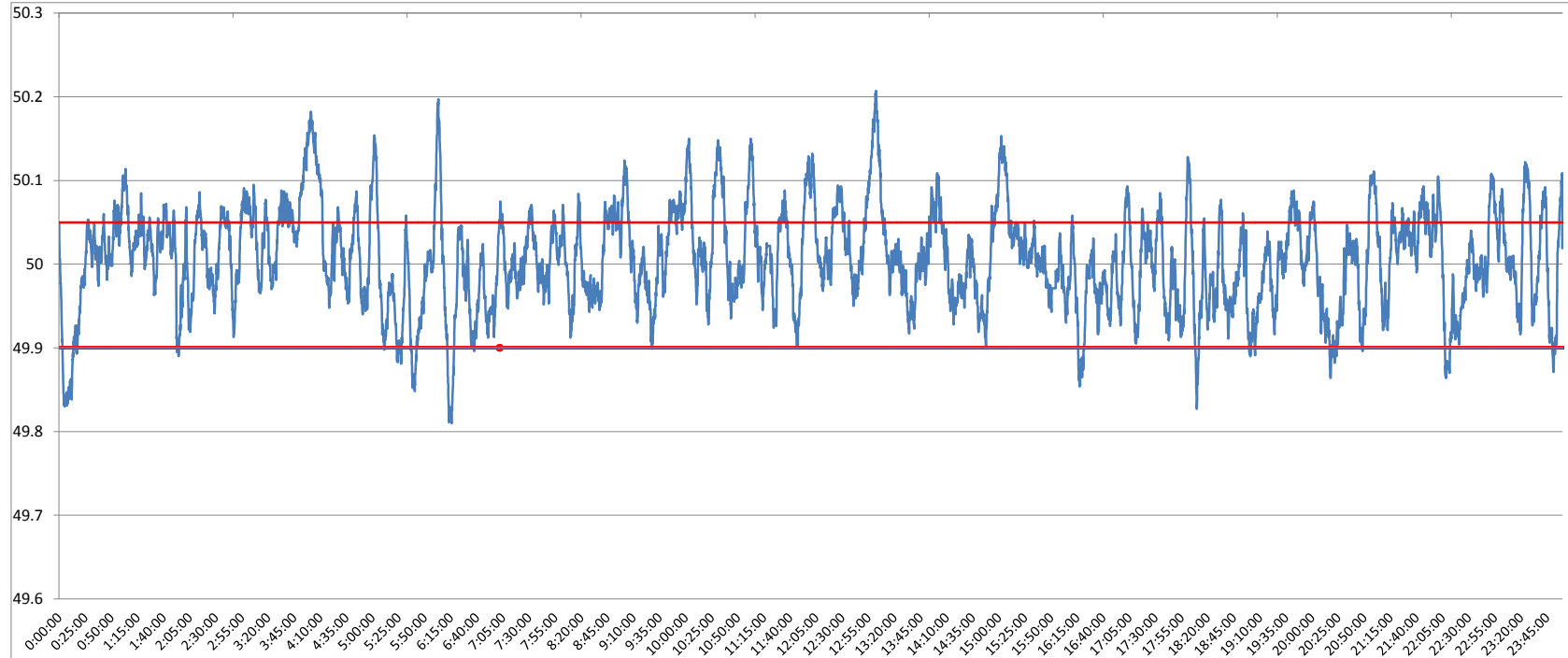


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

400KV KALWA:Frequency

National Grid Frequency Profile for

29-Sep-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	3.54	26.86	0.00	3.54	41.84	48.83	5.74	73.95	99.95	39.87	17.41	53.10	33.26	22.51	0.05

Average Frequency	50.01	Frequency Variation Index :	0.036	Standard Deviation :	0.060
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz		No. of excursion below 49.97 Hz	
Max	50.21 13:02:20	Max	50.108 4:15:00	122		114	
Min	49.81 6:15:50	Min	49.881 0:15:00	111		109	

Average time freq remains below 49.97 per excursion	0:03:24	Average time frequency remains above 50.03 per excursion	0:03:56
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