

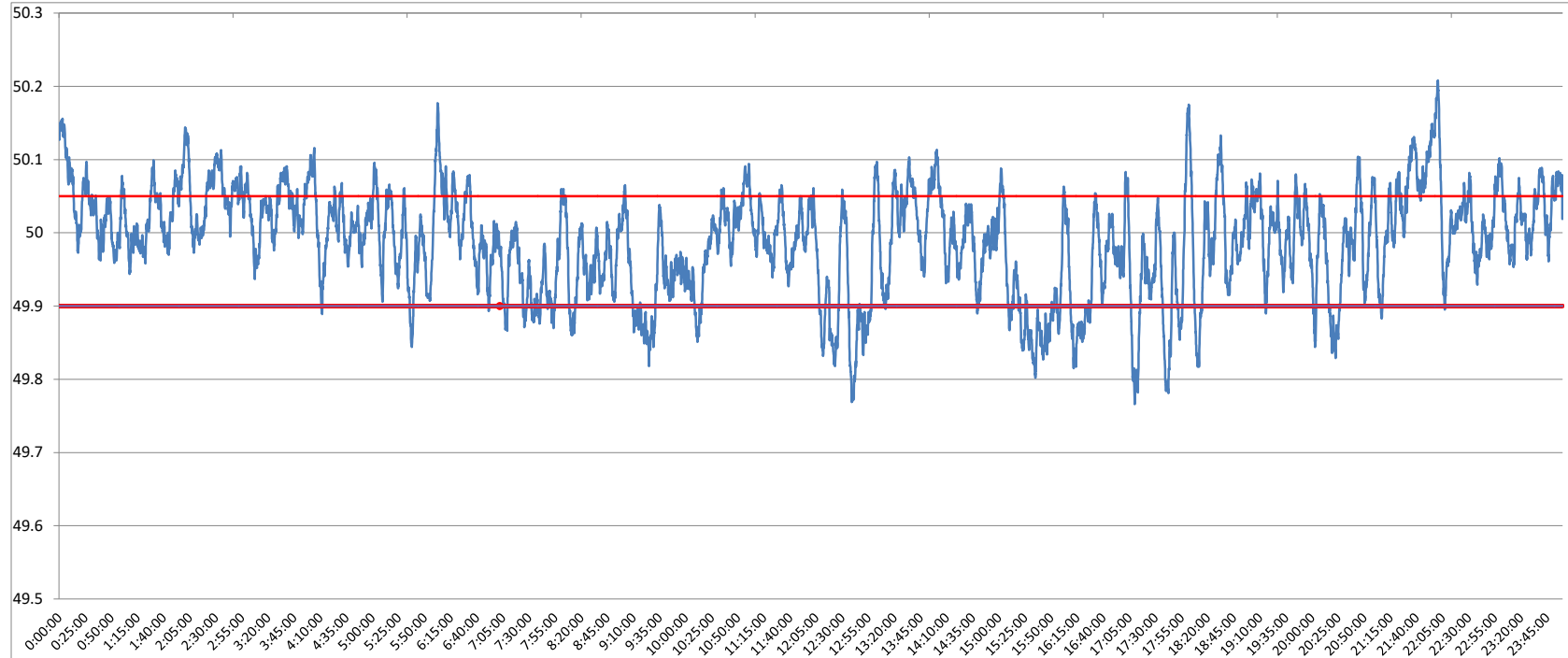


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

VUJAYAWADA:Frequency

National Grid Frequency Profile for

10-Dec-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	13.40	35.38	0.63	12.78	38.37	44.68	3.53	67.52	99.98	35.58	16.05	46.97	29.04	19.07	0.02

Average Frequency	49.99	Frequency Variation Index :	0.052	Standard Deviation :	0.071
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Instantaneous Frequency		
Max	50.21	22:00:30
Min	49.77	17:10:10

15 minute average Frequency		
Max	50.115	22:00:00
Min	49.849	15:45:00

No. of excursion above 50.03 Hz	106
No. of excursion below 49.97 Hz	90
No. of excursion above 50.00 Hz	105
No. of excursion below 50.00 Hz	109

Average time freq remains below 49.97 per excursion	0:05:40	Average time frequency remains above 50.03 per excursion	0:03:57
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