

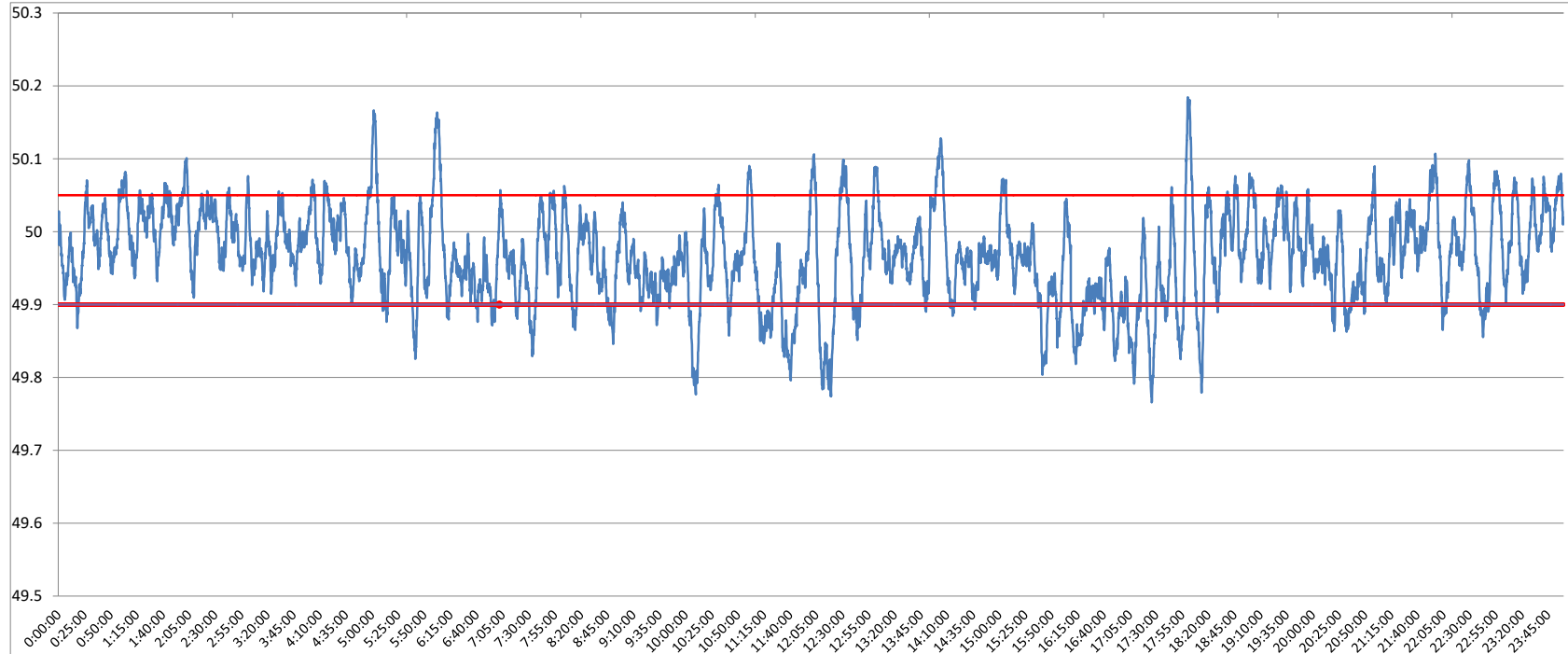


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

28-Oct-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	14.25	51.44	0.76	13.48	55.00	29.44	1.31	76.72	100.00	31.17	7.80	30.69	17.40	9.03	0.00

Average Frequency	49.97	Frequency Variation Index :	0.051	Standard Deviation :	0.064
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Instantaneous Frequency		
Max	50.18	18:00:30
Min	49.77	17:26:00

15 minute average Frequency		
Max	50.040	22:00:00
Min	49.855	11:45:00

No. of excursion above 50.03 Hz	109
No. of excursion below 49.97 Hz	179
No. of excursion above 50.00 Hz	124
No. of excursion below 50.00 Hz	121

Average time freq remains below 49.97 per excursion	0:04:08	Average time frequency remains above 50.03 per excursion	0:02:18
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