

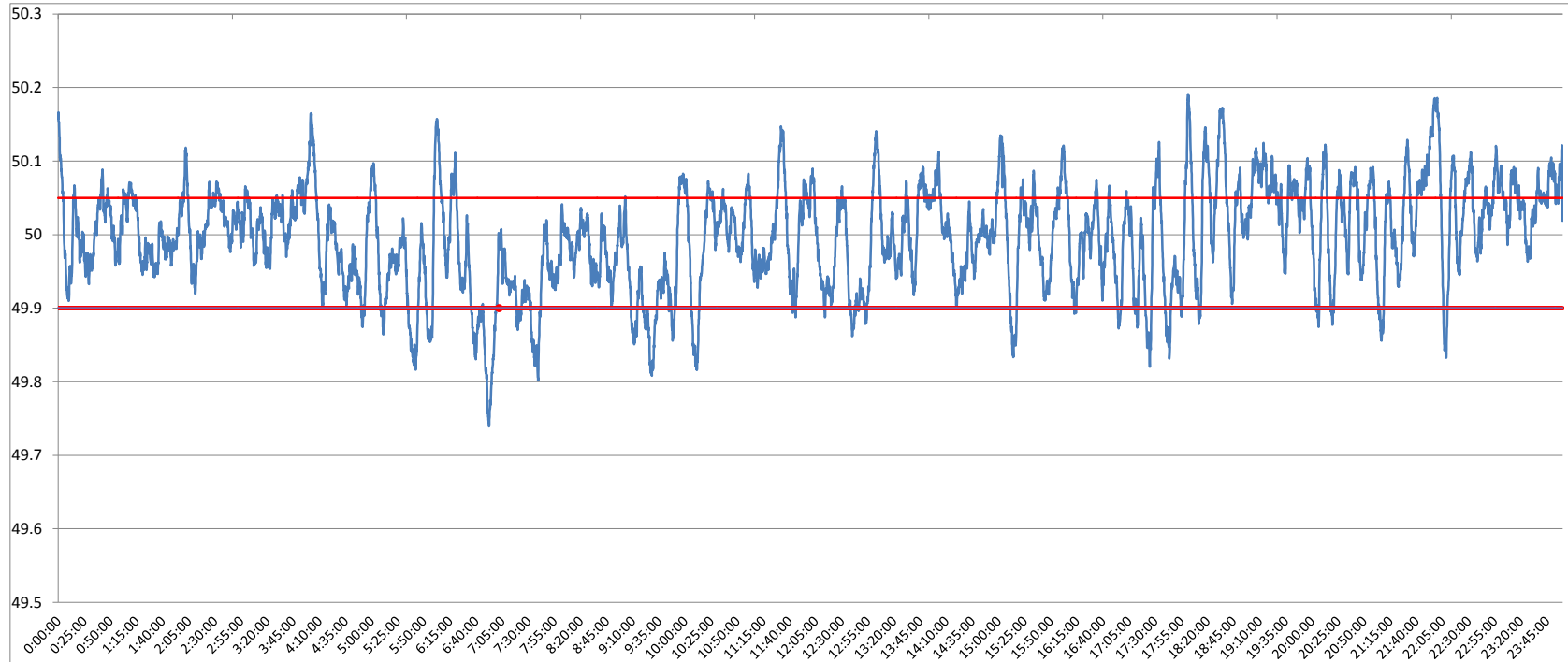


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

09-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	9.84	35.28	0.30	9.54	40.57	44.46	5.14	67.36	100.00	30.69	17.72	49.53	34.03	22.80	0.00

Average Frequency	50.00	Frequency Variation Index :	0.050	Standard Deviation :	0.070
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Instantaneous Frequency		15 minute average Frequency		No. of excursion above 50.03 Hz	
Max	50.19 18:01:20	Max	50.121 22:00:00	No. of excursion below 49.97 Hz	131
Min	49.74 6:52:20	Min	49.830 7:00:00	No. of excursion above 50.00 Hz	140
				No. of excursion below 50.00 Hz	135

Average time freq remains below 49.97 per excursion	0:03:53	Average time frequency remains above 50.03 per excursion	0:04:23
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