

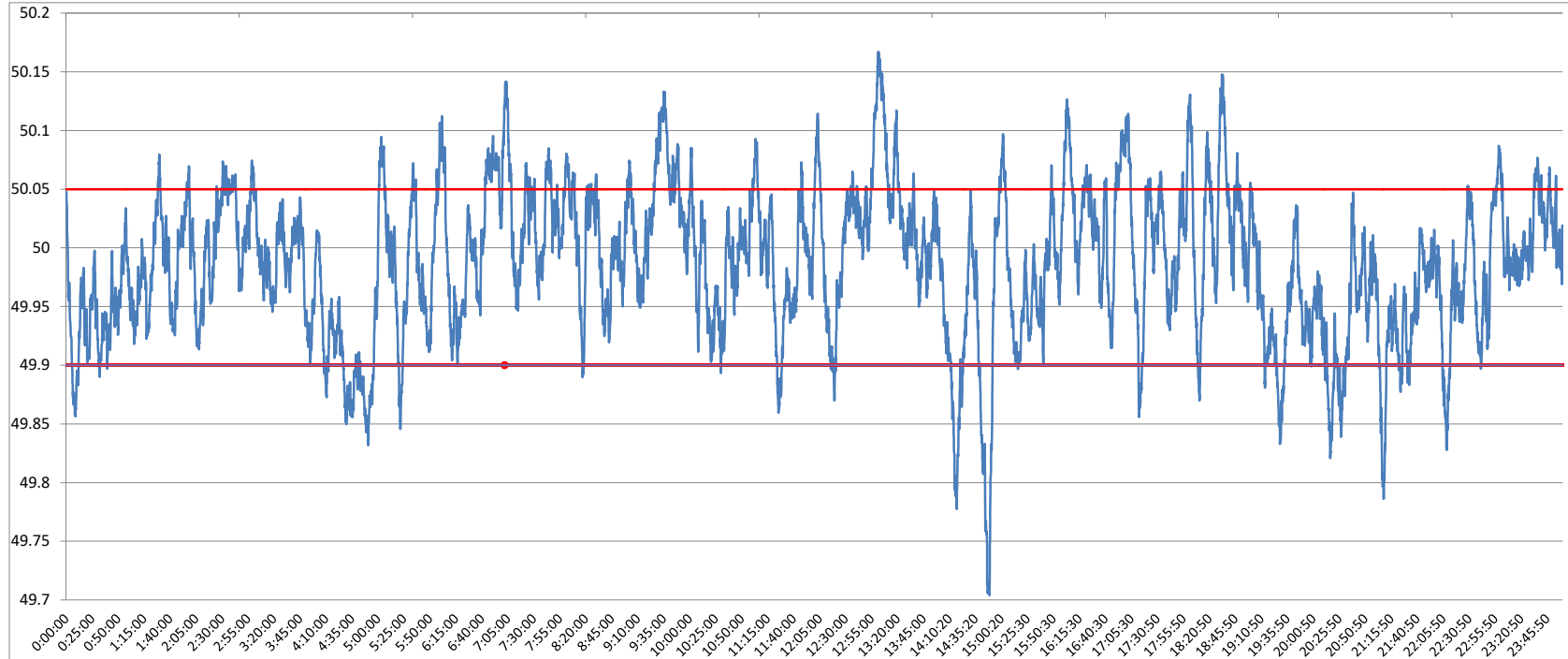


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

SLPR4:Frequency

National Grid Frequency Profile for

21-Apr-17



<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	8.58	39.04	0.57	8.01	48.43	40.22	2.78	76.82	100.00	35.93	11.92	42.97	25.03	14.61	0.00

Average Frequency	49.99	Frequency Variation Index :	0.042	Standard Deviation :	0.063
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Instantaneous Frequency	
Max	50.17 13:01:30
Min	49.70 14:48:50

15 minute average Frequency		
Max	50.101	13:15:00
Min	49.875	20:30:00

No. of excursion above 50.03 Hz	126
No. of excursion below 49.97 Hz	128
No. of excursion above 50.00 Hz	159
No. of excursion below 50.00 Hz	157

Average time freq remains below 49.97 per excursion	0:04:24	Average time frequency remains above 50.03 per excursion	0:02:52
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