

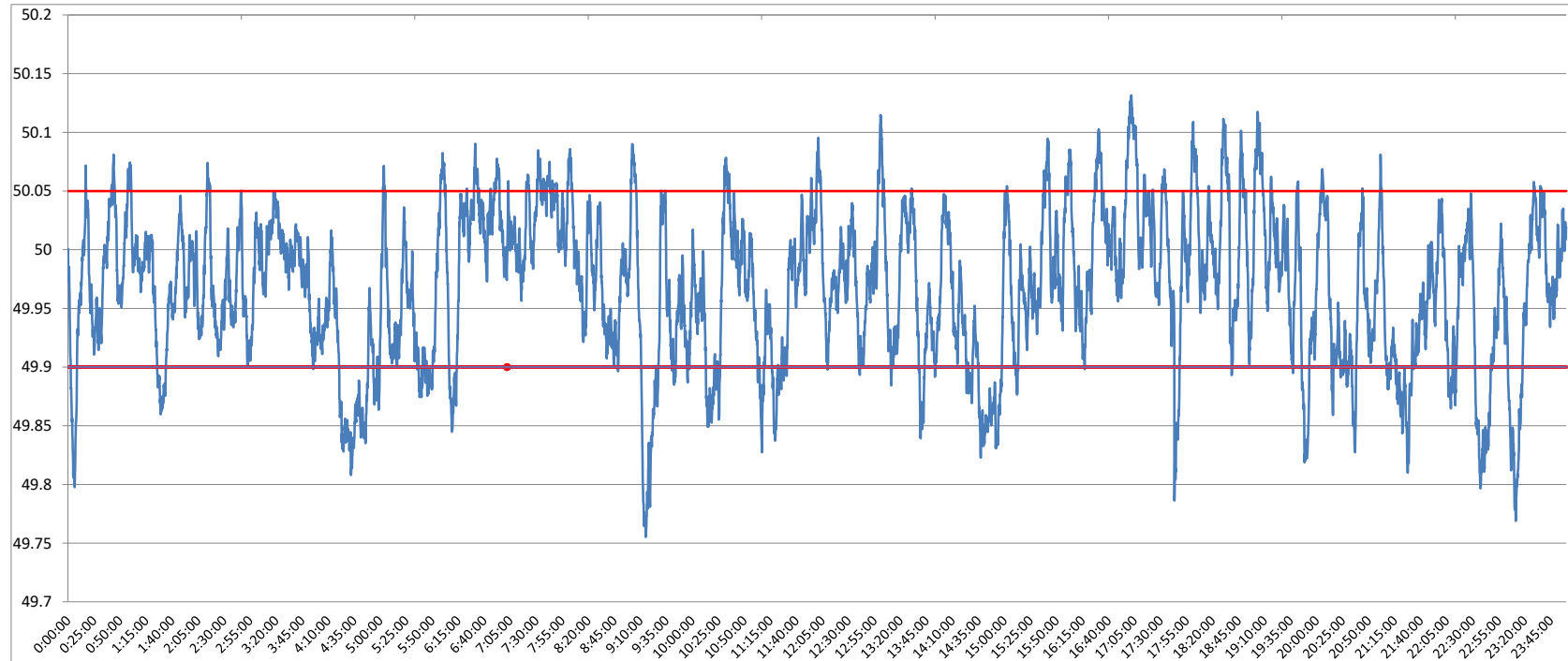


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

RENGALI:Frequency

National Grid Frequency Profile for

23-May-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	16.06	49.46	0.67	15.39	50.27	32.86	0.81	74.87	100.00	32.88	8.30	33.59	17.66	9.06	0.00

Average Frequency	49.97	Frequency Variation Index :	0.054	Standard Deviation :	0.065
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Instantaneous Frequency	
Max	50.13 17:01:50
Min	49.76 9:15:10

15 minute average Frequency	
Max	50.061 17:15:00
Min	49.849 4:45:00

No. of excursion above 50.03 Hz	112
No. of excursion below 49.97 Hz	131
No. of excursion above 50.00 Hz	155
No. of excursion below 50.00 Hz	155

Average time freq remains below 49.97 per excursion	0:05:26	Average time frequency remains above 50.03 per excursion	0:02:16
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