

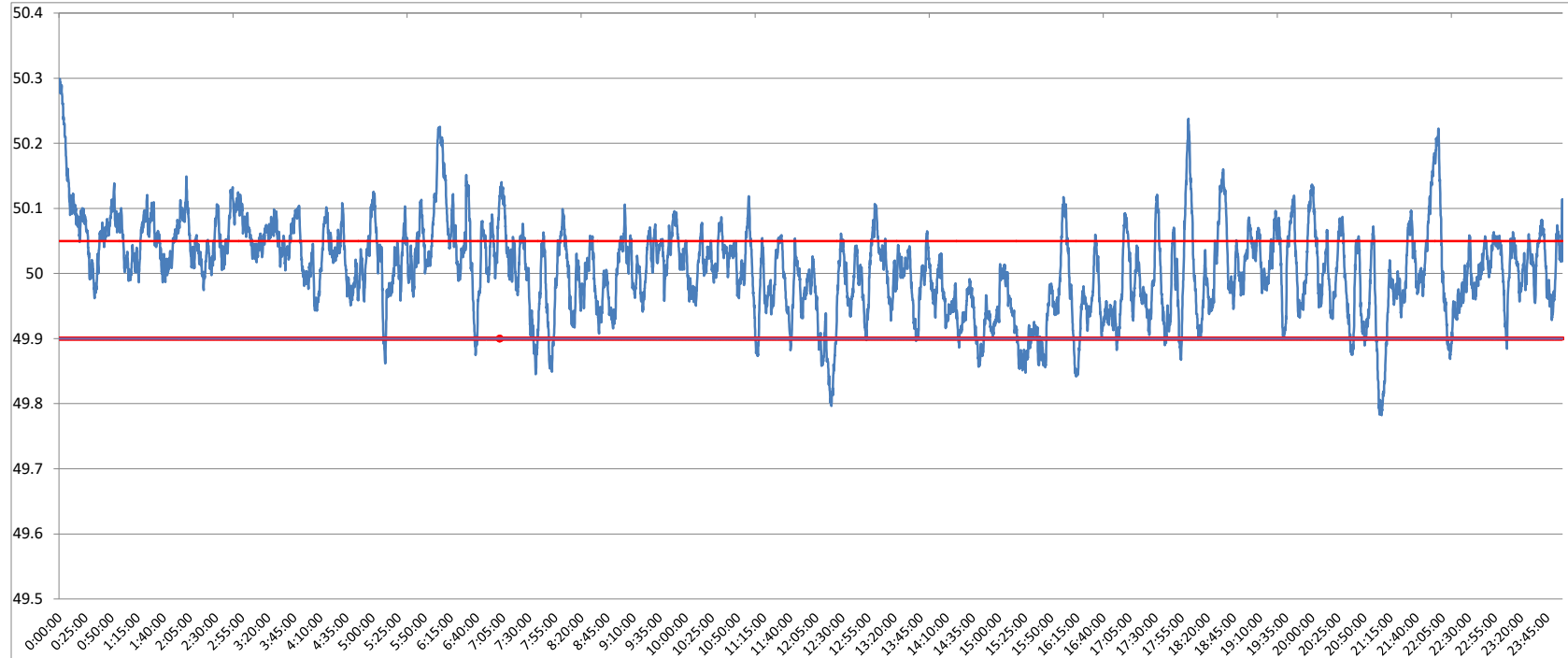


POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

16-Jan-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	6.38	28.68	0.27	6.11	37.71	49.19	5.67	68.34	98.95	33.09	18.67	55.83	38.23	25.28	1.05

Average Frequency	50.01	Frequency Variation Index :	0.048	Standard Deviation :	0.069
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Instantaneous Frequency		
Max	50.3	0:00:40
Min	49.78	21:06:30

15 minute average Frequency			
Max	50.181	0:15:00	
Min	49.873	21:15:00	

No. of excursion above 50.03 Hz	169
No. of excursion below 49.97 Hz	126
No. of excursion above 50.00 Hz	145
No. of excursion below 50.00 Hz	144

Average time freq remains below 49.97 per excursion	0:03:17	Average time frequency remains above 50.03 per excursion	0:03:15
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