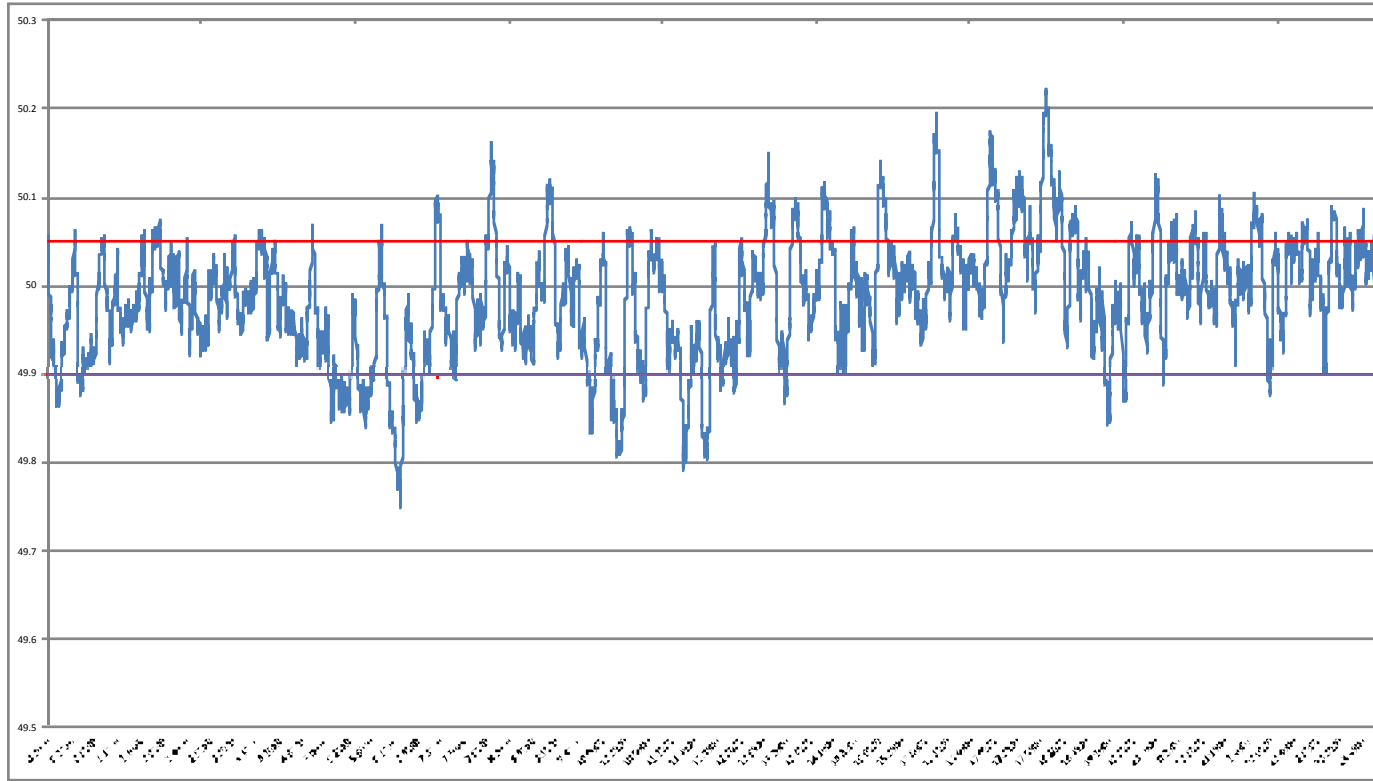




POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DISPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for 21-Aug15



<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	10.09	38.23	0.49	9.61	45.76	39.75	4.25	74.62	99.85	36.59	10.94	44.02	25.19	15.29	0.15

Average Frequency	49.99	Frequency Variation Index :	0.047	Standard Deviation :	0.068
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Instantaneous Frequency	
Max	50.222 18:02:10
Min	49.75 6:23:10

15 minute average Frequency	
Max	50.142 18:15:00
Min	49.832 6:30:00

No. of excursion above 50.03 Hz	119
No. of excursion below 49.97 Hz	118
No. of excursion above 50.00 Hz	156
No. of excursion below 50.00 Hz	154

Average time freq remains below 49.97 per excursion	0.0440	Average time frequency remains above 50.03 per excursion	0.0303
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