

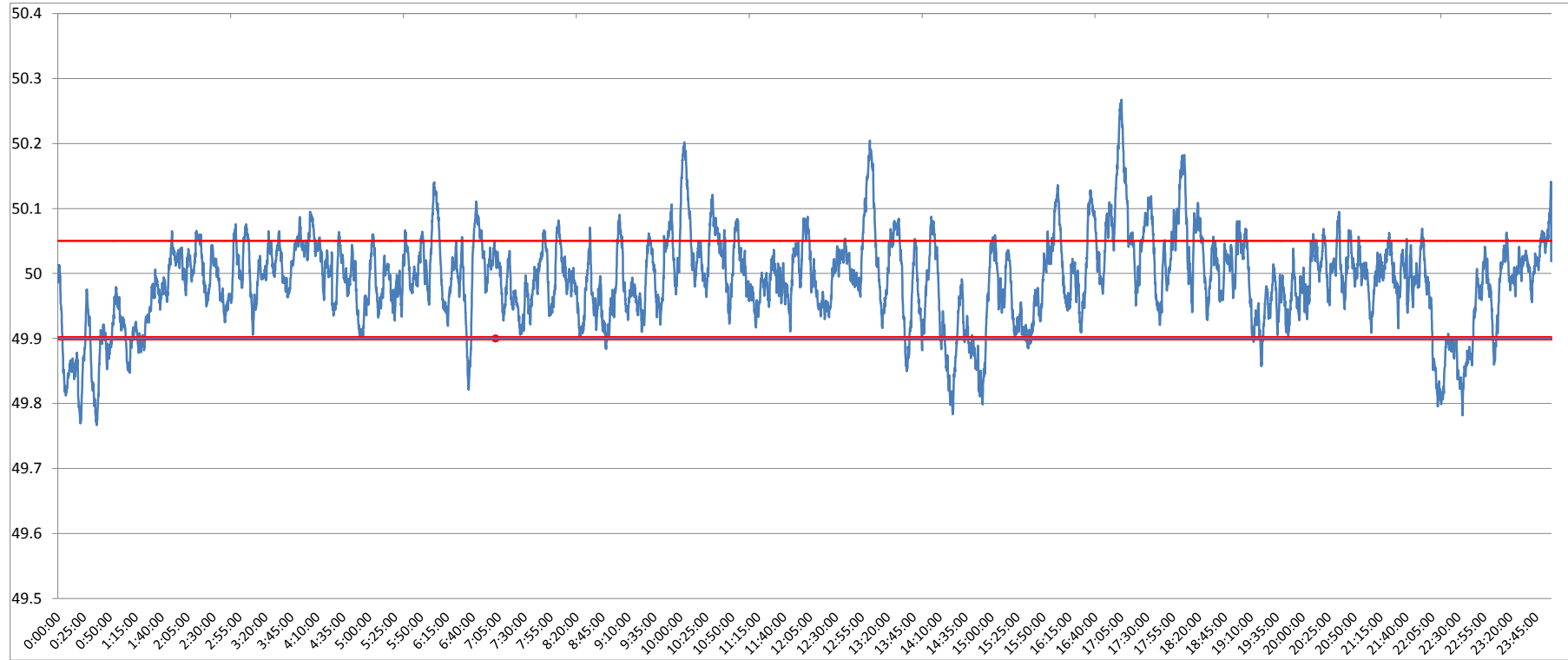


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

25-Jul-15



<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	9.63	35.84	0.57	9.06	45.29	41.13	3.62	74.61	99.68	38.26	11.86	45.06	25.89	15.76	0.32

<b>Average Frequency</b>	<b>49.99</b>	<b>Frequency Variation Index :</b>	<b>0.048</b>	<b>Standard Deviation :</b>	<b>0.068</b>
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<b>Instantaneous Frequency</b>		
<b>Max</b>	<b>50.27</b>	<b>17:05:20</b>
<b>Min</b>	<b>49.77</b>	<b>0:37:30</b>

<b>15 minute average Frequency</b>		
<b>Max</b>	<b>50.154</b>	<b>17:15:00</b>
<b>Min</b>	<b>49.854</b>	<b>22:45:00</b>

<b>No. of excursion above 50.03 Hz</b>	<b>139</b>
<b>No. of excursion below 49.97 Hz</b>	<b>152</b>
<b>No. of excursion above 50.00 Hz</b>	<b>153</b>
<b>No. of excursion below 50.00 Hz</b>	<b>151</b>

<b>Average time freq remains below 49.97 per excursion</b>	<b>0:03:24</b>	<b>Average time frequency remains above 50.03 per excursion</b>	<b>0:02:41</b>
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