

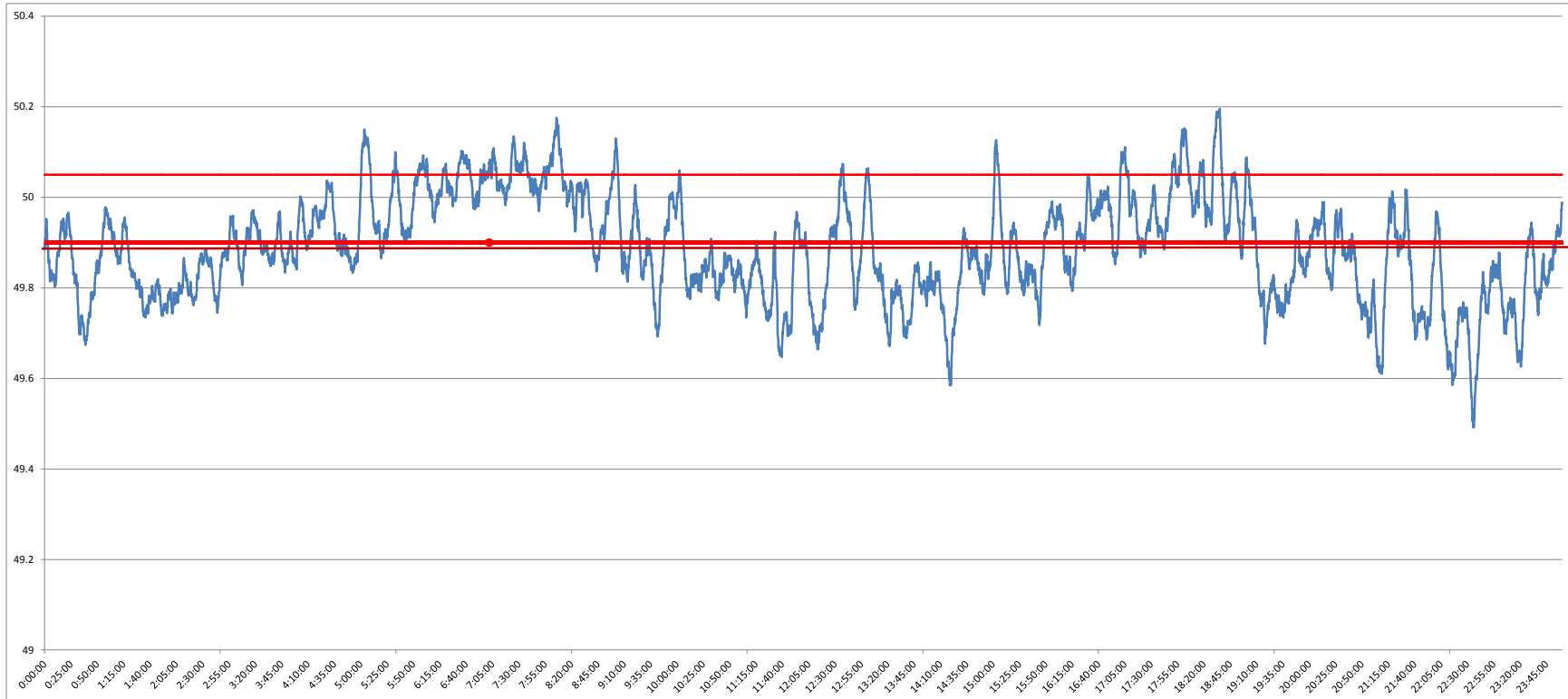


**POWER SYSTEM OPERATION CORPORATION LIMITED**  
NATIONAL LOAD DESPATCH CENTRE NEW DELHI

DURGAPUR:Frequency

National Grid Frequency Profile for

29-Apr-14



| <49.2 | <49.7 | 49.7-49.8 | 49.8-49.9 | 49.9-50.0 | 50.0-50.1 | 50.1-50.2 | >50.2 | <49.90 | 49.90-50.05 | >50.05 | 50.05-50.1 | 49.7-50.2 | 49.97-50.03 |
|-------|-------|-----------|-----------|-----------|-----------|-----------|-------|--------|-------------|--------|------------|-----------|-------------|
| 0     | 4.51  | 19.01     | 31.12     | 26.62     | 16.23     | 2.49      | 0.03  | 54.66  | 36.39       | 8.95   | 6.49       | 95.46     | 12.45       |

|                          |  |              |                                    |  |              |                             |  |              |
|--------------------------|--|--------------|------------------------------------|--|--------------|-----------------------------|--|--------------|
| <b>Average Frequency</b> |  | <b>49.89</b> | <b>Frequency Variation Index :</b> |  | <b>0.260</b> | <b>Standard Deviation :</b> |  | <b>0.115</b> |
|--------------------------|--|--------------|------------------------------------|--|--------------|-----------------------------|--|--------------|

| Instantaneous Frequency |               |                 | 15 minute average Frequency |               |                 |
|-------------------------|---------------|-----------------|-----------------------------|---------------|-----------------|
| <b>MAX</b>              | <b>50.195</b> | <b>18:35:00</b> | <b>Max</b>                  | <b>50.093</b> | <b>8:15:00</b>  |
| <b>Min</b>              | <b>49.49</b>  | <b>22:36:00</b> | <b>Min</b>                  | <b>49.644</b> | <b>22:45:00</b> |