

Annexure - XII

(ref. regulation 7.1)

Assessment of Energy in cases of Theft/Pilferage

Assessment of energy in the cases of theft/pilferage shall be done based on the following formula:

$$\text{Units assessed} = L \times D \times H \times F,$$

where 'L' is load (connected/contracted load whichever is higher) in kW where kWh rate is applicable and in kVA where kVAh rate is applicable.

'D' is number of working days per month, during which theft/pilferage is suspected and shall be taken for different categories of use as below:

| | | |
|-----|---|---------|
| (a) | Continuous industry | 30 days |
| (b) | Non-continuous industry | 25 days |
| (c) | Domestic use | 30 days |
| (d) | Agriculture | 30 days |
| (e) | Non-Domestic (continuous) Viz. Hospitals, hotels and restaurants, guest houses, nursing homes, petrol pumps | 30 days |
| (f) | Non domestic (general) i.e. other than (e) | 25 days |

'H' is use of supply hours per day, which shall be taken for different categories of use as below:

| | | |
|-----|---|---------|
| (a) | Single shift industry (day / night only). | 10 hrs. |
| (b) | Non-continuous industry (day & night) | 20 hrs. |
| (c) | Continuous industry | 24 hrs. |
| (d) | Non-domestic | 20 hrs. |
| (e) | Domestic | 8 hrs. |
| (f) | Agriculture | 10 hrs. |

'F' is load factor, which shall be taken for different categories of use as below:

| | | |
|-----|---------------|------|
| (a) | Industrial | 60% |
| (b) | Non-domestic | 60% |
| (c) | Domestic | 40% |
| (d) | Agriculture | 100% |
| (e) | Direct theft# | 100% |

The working hours for the purpose of assessment in the cases of bonafide domestic use for operating domestic water pump, microwave Owens, washing machines and petty domestic appliances shall not be considered for more than one hour working per day on 100% load factor.

Assessment of energy in case of temporary connection

In the case of temporary connection the assessment for pilferage of energy shall be done as per the following formula:

Units assessed = $L \times D \times H$, where

- L = Load (connected/ contracted load whichever is higher) in kW where kWh rate is applicable and in kVA where kVAh rate is applicable.
D = No. of days for which supply is used.
H = 12 hours.