**Standard households**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tier** | **Appliance** | **Ownership rate** | **Functioning time (min)** | **Functioning windows** | **Window 1** | **Window 2** | **Window 3** | **Minimum functioning cycle (min)** |
| **T1** | Indoor bulb | 3 | 240 | 1 | 18-23 |  |  | 5 |
| Mobile phone | 2 | 120 | 2 | 06-08 | 19-21 |  | 10 |
|  |  |  |  |  |  |  |  |  |
| **T2** | Indoor bulb | 4 | 300 | 2 | 05-07 | 19-23 |  | 5 |
| Mobile phone | 2 | 120 | 2 | 05-09 | 17-23 |  | 10 |
| Television | 0.75 | 200 | 2 | 06-09 | 18-24 |  | 15 |
| Fan | 0.4 | 180 | 2 | 00-05 | 11-24 |  | 10 |
| Radio | 0.1 | 90 | 1 | 13-24 |  |  | 5 |
|  |  |  |  |  |  |  |  |  |
| **T3** | Indoor bulb | 5 | 340 | 2 | 05-07 | 19-24 |  | 5 |
| Mobile phone | 2 | 120 | 2 | 06-09 | 17-24 |  | 10 |
| Television | 0.75 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 0.5 | 240 | 2 | 00-05 | 11-24 |  | 10 |
| Radio | 0.15 | 120 | 2 | 06-09 | 18-24 |  | 5 |
| Blender | 0.2 | 10 | 1 | 06-17 |  |  | 5 |
| Iron box | 0.2 | 10 | 1 | 06-17 |  |  | 5 |
| Electric kettle | 0.2 | 10 | 2 | 07-10 | 19-21 |  | 3 |
| Pressure cooker | 0.2 | 30 | 1 | 18-20 |  |  | 5 |
|  |  |  |  |  |  |  |  |  |
| **T4** | Indoor bulb | 6 | 240 | 2 | 04-07 | 18-24 |  | 5 |
| Mobile phone | 2 | 120 | 2 | 06-09 | 17-24 |  | 10 |
| Television | 0.75 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 0.6 | 300 | 2 | 00-05 | 10-24 |  | 10 |
| Radio | 0.2 | 120 | 2 | 06-10 | 13-23 |  | 5 |
| Blender | 0.65 | 10 | 1 | 08-15 |  |  | 5 |
| Iron box | 0.65 | 10 | 1 | 06-09 |  |  | 5 |
| Electric kettle | 0.2 | 10 | 2 | 07-10 | 19-21 |  | 3 |
| Pressure cooker | 0.2 | 30 | 1 | 18-20 |  |  | 5 |
| PC | 0.1 | 180 | 2 | 10-14 | 18-22 |  | 10 |
| Fridge | 0.5 | 1440 | 1 | 00-24 |  |  | 30 |
| Microwave | 0.1 | 6 | 3 | 07-10 | 12-13 | 17-21 | 2 |
|  |  |  |  |  |  |  |  |  |
| **T5** | Indoor bulb | 7 | 240 | 2 | 04-07 | 18-24 |  | 5 |
| Mobile phone | 3 | 120 | 2 | 06-09 | 18-24 |  | 10 |
| Television | 1 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 1.65 | 300 | 2 | 00-05 | 10-24 |  | 10 |
| Radio | 0.4 | 120 | 2 | 05-10 | 13-23 |  | 5 |
| Blender | 0.9 | 10 | 1 | 08-15 |  |  | 5 |
| Iron box | 0.9 | 10 | 1 | 06-09 |  |  | 5 |
| Electric kettle | 0.4 | 10 | 2 | 07-10 | 19-21 |  | 2 |
| Pressure cooker | 0.8 | 45 | 1 | 18-20 |  |  | 5 |
| PC | 0.1 | 180 | 2 | 09-14 | 18-22 |  | 10 |
| Fridge | 1 | 1440 | 1 | 00-24 |  |  | 30 |
| Microwave | 0.2 | 6 | 3 | 07-10 | 12-13 | 17-21 | 2 |
| Space heating | 0.2 | 40 | 2 | 05-07 | 19-20 |  | 2 |
| Oven | 0.1 | 15 | 2 | 10-12 | 16-21 |  | 2 |

**Households with commercial activities**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tier** | **Appliance** | **Ownership rate** | **Functioning time (min)** | **Functioning windows** | **Window 1** | **Window 2** | **Window 3** | **Minimum functioning cycle (min)** |
| **T3** | Indoor bulb | 5 | 360 | 2 | 05-07 | 19-24 |  | 5 |
| Mobile phone | 2 | 120 | 2 | 06-09 | 17-24 |  | 10 |
| Television | 0.75 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 0.5 | 240 | 2 | 00-05 | 11-24 |  | 10 |
| Radio | 0.15 | 120 | 2 | 06-09 | 18-24 |  | 5 |
| Blender | 0.2 | 45 | 2 | 10-13 | 16-20 |  | 5 |
| Iron box | 0.2 | 15 | 1 | 06-17 |  |  | 5 |
| Electric kettle | 0.2 | 15 | 2 | 07-10 | 19-21 |  | 3 |
| Pressure cooker | 0.2 | 80 | 2 | 12-14 | 18-20 |  | 5 |
|  |  |  |  |  |  |  |  |  |
| **T4** | Indoor bulb | 6 | 360 | 2 | 04-07 | 18-24 |  | 5 |
| Mobile phone | 2 | 120 | 2 | 06-09 | 17-24 |  | 10 |
| Television | 0.75 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 0.6 | 300 | 2 | 00-05 | 10-24 |  | 10 |
| Radio | 0.2 | 120 | 2 | 06-10 | 13-23 |  | 5 |
| Blender | 0.65 | 45 | 2 | 10-13 | 17-20 |  | 5 |
| Iron box | 0.65 | 10 | 1 | 06-09 |  |  | 5 |
| Electric kettle | 0.2 | 15 | 2 | 07-10 | 19-21 |  | 3 |
| Pressure cooker | 0.2 | 80 | 2 | 12-14 | 18-20 |  | 5 |
| PC | 0.1 | 180 | 2 | 10-14 | 18-22 |  | 10 |
| Fridge | 0.5 | 1440 | 1 | 00-24 |  |  | 30 |
| Microwave | 0.1 | 6 | 3 | 07-10 | 12-13 | 17-21 | 2 |
|  |  |  |  |  |  |  |  |  |
| **T5** | Indoor bulb | 7 | 320 | 2 | 04-07 | 18-24 |  | 5 |
| Mobile phone | 3 | 120 | 2 | 06-09 | 18-24 |  | 10 |
| Television | 1 | 300 | 2 | 06-09 | 17-24 |  | 15 |
| Fan | 1.65 | 300 | 2 | 00-05 | 10-24 |  | 10 |
| Radio | 0.4 | 60 | 2 | 05-10 | 13-23 |  | 5 |
| Blender | 0.9 | 40 | 2 | 10-13 | 17-20 |  | 5 |
| Iron box | 0.9 | 10 | 1 | 06-09 |  |  | 5 |
| Electric kettle | 0.4 | 10 | 2 | 07-10 | 19-21 |  | 2 |
| Pressure cooker | 0.8 | 80 | 2 | 12-14 | 18-20 |  | 5 |
| PC | 0.1 | 180 | 2 | 09-14 | 18-22 |  | 10 |
| Fridge | 1 | 1440 | 1 | 00-24 |  |  | 30 |
| Microwave | 0.2 | 6 | 3 | 07-10 | 12-13 | 17-21 | 2 |
| Space heating | 0.2 | 40 | 2 | 05-07 | 19-20 |  | 2 |
| Oven | 0.1 | 15 | 2 | 10-12 | 16-21 |  | 2 |