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The Gazette of the Democratic Socialist Republic of Sri Lanka

EXTRAORDINARY

අංක 2339/09 - 2023 ජූලි මස 04 වැනි අඟහරුවාදා - 2023.07.04
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(Published by Authority)

PART I : SECTION (I) — GENERAL

Government Notifications

L.D.B. 8/2007 (II)

SRI LANKA SUSTAINABLE ENERGY AUTHORITY ACT, No. 35 OF 2007

REGULATIONS made by the Minister of Power and Energy under Section 67 read with Section 36 and Section 38 of the Sri Lanka Sustainable Energy Authority Act, No. 35 of 2007.

KANCHANA WIJESKERA,
Minister of Power & Energy.

Colombo,
28th June, 2023.

Regulations

1. These Regulations may be cited as the Specific Energy Consumption Benchmarks Regulations, No. 1 of 2023.

2. The Board of Management (hereinafter referred to as the “Board”) of Sri Lanka Sustainable Energy Authority (hereinafter referred to as “Authority”) shall, for the purpose of establishing Specific Energy Consumption benchmarks (hereinafter referred to as the “SEC” benchmarks) for the facilities categorized according to the International Standard Industry Classification (ISIC) as specified in part I of Schedule I hereto, act in accordance with the provisions of these regulations.



3. (1) The Board shall require such facility: -

(a) to comply with the SEC Benchmark specified in Part III of Schedule I hereto in electrical and other forms which can be used in operating any energy consuming Facility during a calendar year, measured in kWh/m² of conditional space or in kWh per any other output parameter; and

(b) to provide the Authority with the general information relating to the relevant Facility as required in Part IV of Schedule I hereto.

(2) The Board may direct any person who is responsible for operating a Facility and who shall be referred to as the “Facility Manager” to provide a detailed Energy consumption report to the Authority under the provisions of section 36(2) (b) of the Act, in such form as specified in Schedule II hereto before the lapse of 14 days after the end of each quarter of any calendar year.

(3) The Board shall upon the approval of the Facility Manager of a Facility, appoint an employee of the Facility as an Energy Manager as prescribed by the Board to carry out the reporting of the Energy consumption information as specified under Regulation 3(2) hereto.

(4) In the event where the Board is unable to appoint a suitably qualified employee of the Facility as an Energy Manager as specified in Regulation 3(3), the Facility Manager shall obtain the services of an Energy Manager who is not an employee of the Facility duly accredited by the Board under section 38 of the Act to perform the functions of the Energy Manager.

(5) In the event where any Facility Manager fails to provide the required information under Regulation 3(1)(b) and 3(2) of these regulations, any Energy Manager or any Energy Service Provider duly accredited by the Board may under the provisions of Section 36(2)(a) of the Act where it considers it necessary, enter and inspect with the consent of the Facility Manager any Facility premises, compound or facility, collect information, verify any information or conduct any other investigation for the purpose of ensuring that the benchmark specified in part III of Schedule I hereto is being complied with by a facility.

(6) In the event where a Specific Energy Consumption of a Facility is reported to be at an unacceptable level above the SEC Benchmark of the relevant category of the Facility as given in part III of Schedule I, the Board shall call upon the Facility Manager to submit a detailed energy audit report and a plan of action on EEI&C to reduce the energy usage to acceptable level, under the provision of section 37 of the Act.

(7) the Facility Manager shall for the purpose of conducting the energy audit, the preparation of the Prevalent Energy Consumption (PEC) report and the plan of action on remedial measures, obtain the services of an Energy Auditor or an Energy Service Provider as the case may be, duly accredited by the Board.

(8) Any Energy Manager, Energy Auditor or any Energy Service Provider referred to in regulations 3 (4),3 (5) and 3(7) of these regulations shall be a person having such qualifications as prescribed by the board and appointed as such and issued with a certificate of accreditation under the provisions of section 38(1) of the Act.

(9) Upon the receipt of the Specific Energy Consumption (SEC) report, the Authority may award appropriate ratings to facilities, based on the level of Energy performance of the relevant category of Facility according to the table of rating of Energy performance of a Facility, as set out in Schedule III.

(10) The Authority may from time to time publish a list of the ten best performing Facilities in a given category and a list of Facilities which fail to comply with these Regulations.

3. In these Regulations-

“Act” means the Sri Lanka Sustainable Energy Authority Act, No. 35 of 2007;

“Authority” means the Sri Lanka Sustainable Energy Authority, established by the Sri Lanka Sustainable energy Authority Act, No. 35 of 2007;

“Specific Energy Consumption Benchmark” means the specific energy consumption (SEC) exhibited by a group of Facilities which exhibit similar operating conditions which can be considered as comparable under classifications provided by the four-digit level in the International Standard Industry Classification (ISIC);

“Board” means the Board of Management of the Authority constituted under the provisions of section 3 of the Act;

“Category” means the group of Facilities which exhibit comparable operating conditions which can be considered as comparable under classifications provided by the four-digit level in the ISIC;

“Conditioned Space” means the total area of a Facility which are separated from the external environment using a building envelope and provided with different level of thermal comfort when compared to the external environment;

“EEI&C” means the many activities conducted by an entity to improve the energy efficiency and to conserve energy in a Facility;

“Facility” means a business, providing service or a manufacturing plant, producing product in single or in multiple locations by using building/cluster/condominium including business/commercial activities or housing units;

“Facility Manager” means a person responsible for the management and administration of a facility;

“International Standard Industry Classification (ISIC)” means the latest available classification of economic activities published by the Statistics Division of the Department of Economic and Social Affairs of the United Nations;

“Prevalent Energy Consumption (PEC) report” means a report on the likely annual energy use of a Facility in a TMY (typical meteorological year), estimated based on the actual energy use, operational aspects and other information compiled by an Energy Auditor to the Authority when directed by the Authority.

“Specific Energy Consumption (SEC)” means the quantity of energy used in producing, supplying or providing a unit of service or providing a unit of service or good;

Typical Meteorological Year (TMY) means an artificial and representative single year.

SCHEDULE I

Part I

(Regulations 2, 3(1),3(5) and 3(6))

| | |
|-------|---|
| Class | Group 471 - Retail sale in non-specialised stores |
| 4711 | Retail sale in non-specialised stores with food, beverages or tobacco predominating |
| 4719 | Other retail sale in non-specialised stores |

Classified under Division 47 Retail trade, except of motor vehicles and motorcycles of ISIC, under Section G Wholesale and retail trade; repair of motor vehicles and motorcycles of the International Standard Industry Classification (Revision 4) of the United Nations

| | |
|-------|---|
| Class | Group 641 - Monetary intermediation |
| 6411 | Central banking |
| 6419 | Other monetary intermediation |
| 6420 | Activities of holding companies |
| 6430 | Trusts, Funds and similar financial entities |
| Class | Group 649 - Other financial service activities, except insurance and pension funding activities |
| 6491 | Financial leasing |
| 6492 | Other credit granting |
| 6499 | Other financial service activities, except insurance and pension funding activities, not elsewhere classified |

Classified under Division 64 Financial service activities, except insurance and pension funding of ISIC, under Section K Financial and Insurance Activities of the International Standard Industry Classification (Revision 4) of the United Nations

Part II

| <i>Qualifying Attributes</i> | <i>Description</i> |
|------------------------------|--|
| Serviced area: | Facilities with a total serviced area above 5,000 m ² , in any individual building or the total area of separate buildings belonging to a network of branches or franchises of an entity. Detailed list of floors, buildings or locations with serviced floor area to be given. |
| Operating hours: | Entities in daytime operation with less than 16 hours per day open time. A schedule of standard operating hours of a typical calendar week to be provided. |

Part III

| <i>Details and Information</i> | <i>Description</i> |
|--------------------------------|--|
| Curtailed operations: | Details of any non-operational buildings, floors or areas during the reporting quarter to be provided. |
| Benchmark to be achieved: | 180kWh/m ² / as per year |
| Reporting frequency: | Quarterly, within 14 days of end of each quarter of any calendar year. |

2. Energy Systems

Electricity (Nominal consumption)

| | | | | | |
|-----------------|----------------------|-----------|------------------|----------------------|---------------|
| Grid | <input type="text"/> | kWh/month | Self Generation | <input type="text"/> | kWh/month |
| Contract Demand | <input type="text"/> | kVA | Diesel Generator | <input type="text"/> | kW (capacity) |
| | | | Solar Pv | <input type="text"/> | kW (capacity) |

Liquid Fuels (Nominal consumption)

Gaseous Fuels (Nominal consumption)

| | | | | | |
|-------------|----------------------|---------|-------------|----------------------|-----------------------|
| Diesel | <input type="text"/> | l/month | LP Gas | <input type="text"/> | kg/month |
| Kerosene | <input type="text"/> | l/month | Bio Gas | <input type="text"/> | m ³ /month |
| Other Fuels | <input type="text"/> | | Other Fuels | <input type="text"/> | |

Solid Fuels (Nominal consumption)

| | | | | | |
|---------|----------------------|----------|------------|----------------------|----------|
| Coal | <input type="text"/> | kg/month | Fuel wood | <input type="text"/> | ks/month |
| Biomass | <input type="text"/> | kg/month | Saw dust | <input type="text"/> | ks/month |
| | | | Paddy husk | <input type="text"/> | ks/month |
| | | | Other | <input type="text"/> | |

3. Facility composition

| Building unit identification | Total area m ² | Serviced area m ² | |
|------------------------------|---------------------------|------------------------------|---------|
| | | A/C | Non A/C |
| | | | |
| | | | |

4. Energy use data

Electricity

| Reporting window | Grid Electricity | | Self Generated Electricity kWh | |
|------------------|------------------|-----|--------------------------------|----------|
| | kVA | kWh | Diesel | Solar PV |
| Jan | | | | |
| Feb | | | | |
| Mar | | | | |

Liquid Fuels - Consumption in Litres

| Reporting window | Generator fuel (Diesel) | Diesel | Furnace oil | Kerosene | Other |
|------------------|-------------------------|--------|-------------|----------|-------|
| Jan | | | | | |
| Feb | | | | | |
| Mar | | | | | |

Gaseous Fuels - Consumption in kgs.

| <i>Reporting window</i> | <i>LP Gas</i> | <i>Bio gas</i> | <i>Coal</i> | <i>Fuel wood</i> | <i>Other</i> |
|-------------------------|---------------|----------------|-------------|------------------|--------------|
| Jan | | | | | |
| Feb | | | | | |
| Mar | | | | | |

5. Output Information

| <i>Output</i> | <i>Product/service description</i> | <i>Unit of measure</i> |
|---------------|------------------------------------|------------------------|
| Product 1 | | |
| Product 2 | | |
| Product 3 | | |
| | | |
| Service 1 | | |
| Service 2 | | |

6. Output data

| <i>Reporting window</i> | <i>Output volume</i> | | | | |
|-------------------------|----------------------|------------------|------------------|------------------|------------------|
| | <i>Product 1</i> | <i>Product 2</i> | <i>Product 3</i> | <i>Service 1</i> | <i>Service 2</i> |
| Jan | | | | | |
| Feb | | | | | |
| Mar | | | | | |

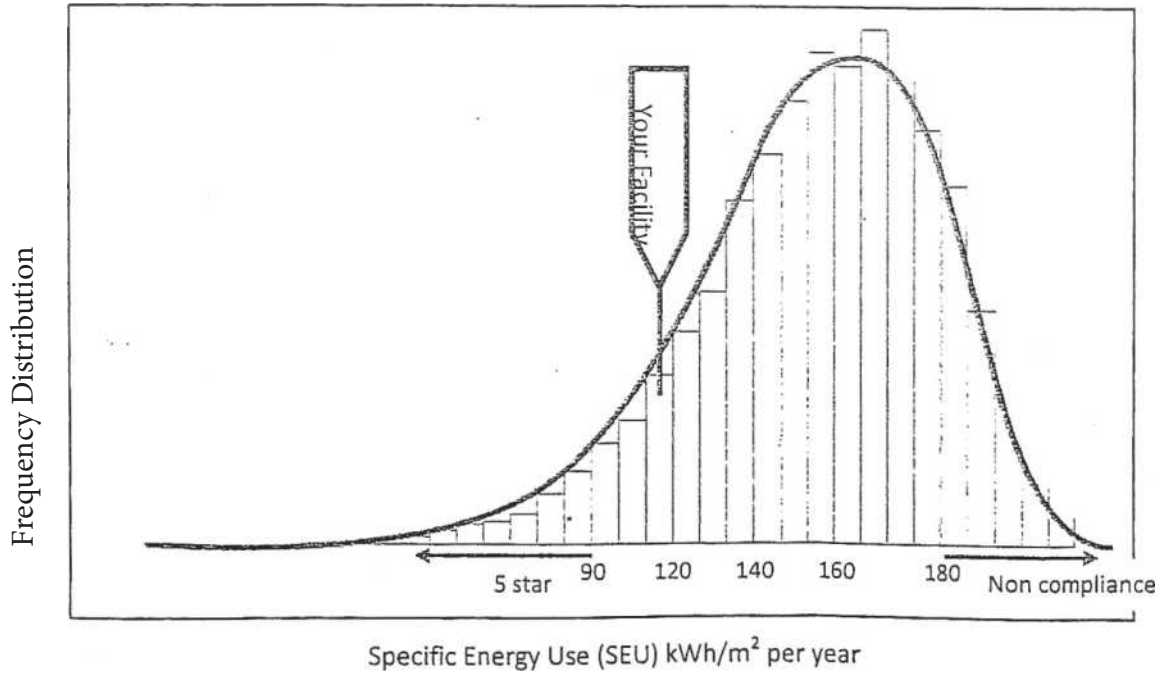
7. Specific Energy Consumption (SEC)

SCHEDULE III

Rating of energy performance of Facilities

(Regulation 3(9))

| Column I | Column II |
|--|----------------------|
| Specific Energy Use (SEU) kWh/m ² per year | Rating |
| SEU ≤ 90 | Five Stars ★ ★ ★ ★ ★ |
| 90 < SEU ≤ 120 | Four Stars ★ ★ ★ ★ |
| 120 < SEU ≤ 140 | Three Stars ★ ★ ★ |
| 140 < SEU ≤ 160 | Two Stars ★ ★ |
| 160 < SEU ≤ 180 | One Star ★ |
| SEU > 180 | Non compliance |



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