**Annexure- I**

**Building Information and Energy Data**

**Name of the Building:**

**Typology:**

**Address:**

|  |
| --- |
|  **Table 1: Information and Energy Data**  |
| Sl. No. | Item | Value |
| 1 | Connected Load (kW) or Contract Demand (kVA) |  |
| 2 | Installed capacity: DG/ GG Sets (kVA or kW) |  |
| 3 | 1. Annual Electricity Consumption, purchased from Grid (kWh)
 |  |
| 1. Annual Electricity Consumption, through Diesel Generating (DG)/Gas Generating (GG) Set(s) (kWh)
 |  |
| 1. Total Annual Electricity Consumption, Utilities + DG/GG Sets (kWh)
 |  |
| 4 | 1. Annual Cost of Electricity from Grid
 |  |
| b) Annual Cost of Electricity generated through DG/GG Sets (Rs.) |  |
| c) Total Annual Electricity Cost, Utilities + DG/GG Sets (Rs.) |  |
| 5 | Area of the building (exclude parking, lawn, roads, etc.) | Built Up Area floor wise (sqm) with No. of rooms |  |
| Conditioned Area (in sqm) |  |
| Conditioned Area (as % of built-up area) |  |
| 6 | Working hours (e.g., day working /24 hour working) |  |
| 7 | Working days/week (e.g., 5/6/7 days per week) |  |
| 8 | Office | Total no. of Employees |  |
| Average. no. of Persons at any time in office during working hours |  |
| 9 | 1. Installed capacity of Air Conditioning System (TR)
 |  |
|  | 1. No. of Window and Split ACs with capacity (TR)
 |  |
|  | 1. No. of Water coolers and Air Heaters
 |  |
| 10 | Installed lighting load (kW) (if available) |  |
| 12 | HSD (or any other fuel oil used, specify)/Gas Consumption in DG/GG Sets (liters/cu. meters) in the year |  |
| 13 | Fuel (e.g., FO, LDO, LPG, NG) used for generating steam/water heating in the year (in appropriate units) |  |
| 14 | Water Requirement (liters or cu. meters/day) if available |  |
| 15 | EPI (Energy Performance Index) in kWh/sqm/yearEnergy includes electricity purchased and generated (excluding electricity generated from on-site renewable resources) |
| 16 | Climatic Zone |  |
| 17 | Star Label applied for |  |

**Table 2: Major Loads in Building**

e.g., Lighting, cooling tower pump, water pumping motors, Transformer details, present power factor, Boilers, etc. (Insert additional rows if required)

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Name** | **kW Load/KVA/Ton** |
| **1** |  |  |
| **2** |  |  |

Add extra rows if required

**Table 3: Details of Major Lighting Inventory**

|  |
| --- |
| **Type and Category wise Building Connected Load** |
| **Category** | **Type of Fittings** | **Watts** | **No of Fittings** | **Total Load (KW)** | **Total Load (KW)** |
| **Lighting** |  |  |  |  |  |
|  |  |  |  |

**Table 4: Details of Diesel Generator sets (One Year Data)**

|  |  |  |
| --- | --- | --- |
| S. No. | Items | Value |
| 1. | DG Set rating (KVA) |  |
| 2**.** | Total Units generated (kWh) |  |
| 3**.** | Diesel Consumption (Ltrs.) |  |
| 4**.** | No. of hours used |  |
| 5**.** | Avg. load (kW) |  |
| 6**.** | Percentage Loading |  |
| 7**.** | Cost of diesel (Rs.)/ltr. |  |

**Table 5: Details of AC Plants**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | Items | Nos. Installed | Individual capacity (TR/kW/hp) | Total Capacity |
| 1. | Chiller |  |  |  |
| 2**.** | AHU’s |  |  |  |
| 3**.** | FCU’s |  |  |  |
| 4**.** | Cooling Tower |  |  |  |
| 5**.** | Primary Chilled water Pump  |  |  |  |
| 6**.** | Secondary Chilled water Pump |  |  |  |
| 7**.** | Condenser Water Pump |  |  |  |
| 8. | CT fan |  |  |  |

**Contact Details of the Organization and the Contact Person**

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Organization** | **Details** |
|  | Name of the Organization |  |
|  | Postal Address |  |
|  | Phone No. |  |
|  | **Contact Person** |
|  | Name & Designation |  |
|  | E-mail Address |  |
|  | Phone Nos. |  |

**Declaration:** I hereby declare that the building is fully occupied for the last one year and all the above furnished information is true in all respect.

Signature of the building owner

or authorized representative