



Sustainable Energy Development Authority Malaysia (SEDA Malaysia)

Galeria PJH, Aras 9, Jalan P4B, Persiaran Perdana, Presint 4, 62100 Putrajaya

T: +6019-2829102 (Steve) / +603- 8870 5800 (Hambali) F: +603 – 8870 5900

SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

Application Form (For New and Existing Building)

**Online application is also available at www.seda.gov.my/bedos*

1.0 BUILDING INFORMATION

Building Name:

Building Location:

Postal Code:

State:

Country:

Types of Building:

Residential

Commercial (Specify):

Other (Specify): _____
(mix commercial, partial strata property, partial industry, etc.)

Types of Development:

New Building

Existing Building

Estimated total Net / occupied floor areas (NFA) in: _____m²

Estimated total Gross occupied floor areas (GFA) in: _____m²

2.0 ENERGY/ELECTRICITY CONSUMPTION DATA

Compulsory:

Provide all supporting evidence such as a copy of the TNB electricity bill

2.1 Baseline Data

Year:

- List your electricity bill history for the last 12 months (for existing building) or Baseline simulation data (for new design building)***

Month	Year	kWh (Peak)	kWh (off-peak)	kWh (total)	MD (kW)	Total Bill (RM)

2.2 Performance Data (Reporting Year)

Year:

List your electricity bill history for the last 12 months (for existing building) or Energy data target (for new design building)***

Month	Year	kWh (Peak)	kWh (off-peak)	kWh (total)	MD (kW)	Total Bill (RM)

2.3 Low Carbon Building Emission Calculation (Based on Operational Carbon only)

	BASELINE DATA [a]	PERFORMANCE DATA [b]
ENERGY/YEAR (kWh/Year)		
ENERGY SAVING (REDUCTION) [c] (kWh/Year)	[c] = [a] – [b]	
CARBON EMISSION SAVING/YEAR [d] (CO ₂ /Year)	[d] = [c]*CO₂	
PERCENTAGE OF CARBON REDUCTION [e] (%)	[e = (c/a)*100]	

CO ₂ Coefficient (kgCO ₂ /kWh)	
Peninsular	0.694
Sabah	0.536
Sarawak	0.699

3.0 PERFORMANCE REWARD

4.0 PERSON IN CHARGE CONTACT

Target:

Level of achievement (% of CO ₂ e reduction)	Assessment Scheme for Existing Buildings	Target /Achievement (Please Tick One)
100% Carbon Neutral		<input type="checkbox"/>
≥ 70 to < 100		<input type="checkbox"/>
≥ 50 to < 70		<input type="checkbox"/>
≥ 30 to < 50		<input type="checkbox"/>
≥ 10 to < 30		<input type="checkbox"/>
≥ 1 to < 10		<input type="checkbox"/>

Person in charge of energy/building issues:

Name: _____

Position: _____

Telephone No.: _____

Fax No.: _____

E-mail: _____

General E-mail (if any): _____

5.0 DECLARATION

I declare all the information and documents attached to this form are correct at the date of this registration and I'm responsible for the information. Secretariat reserves the right to withdraw the application or terminate immediately if it is found that the information given is wrong

.....
Signature of Applicants

.....
Company Name & Seal

.....
Date

6.0 FOR SECRETARIAT PURPOSES

Reference No:

Signature:

Name of Officer:

Date:

Comment:

***Please download the evaluation form in SEDA Malaysia website at: www.seda.gov.my/greenpass**
****Zero Energy Building (ZEB), kindly visit SEDA Malaysia website at: www.seda.gov.my/ZEB**
*****Baseline simulation data is based on minimum MS 1525-Code of Practice on Energy Efficiency and Use of Renewable Energy For Non-Residential Buildings, using M&V Option D Method**