



BEDOS

BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)



SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

BEDOS

Step by Step

The Registration of Buildings under the Sustainable Energy Low Carbon Building Assessment (LCB - GreenPASS) on Building Energy Data Online Monitoring System (BEDOS)

603 8870 5800

www.seda.gov.my

bedos@seda.gov.my



INTRODUCTION

The system is to monitor electricity energy usage by consumer. Consumer also will be able to publish their electricity energy consumption by this system. Building Energy Data Online Monitoring System (BEDOS) should be able to provide historical energy consumption data display and analyse the data to provide energy report. Apart from energy consumption, BEDOS also allow users to establish energy baselines and trace energy saving performance to help consumer manage energy usage.

This manual is listed for user's reference:

1. **APPLICATION / REGISTRATION OF BUILDINGS**
2. **BUILDINGS INFORMATION**
3. **DATA MANAGEMENT**
4. **MONITORING & REPORTING**
5. **GREENPASS CERTIFICATION**





BEDOS
BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)



greenPASS
performance assessment system
SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

APPLICATION/ REGISTRATION

FOR NEW BEDOS ACCOUNT



1.1 APPLICATION / REGISTRATION PAGE

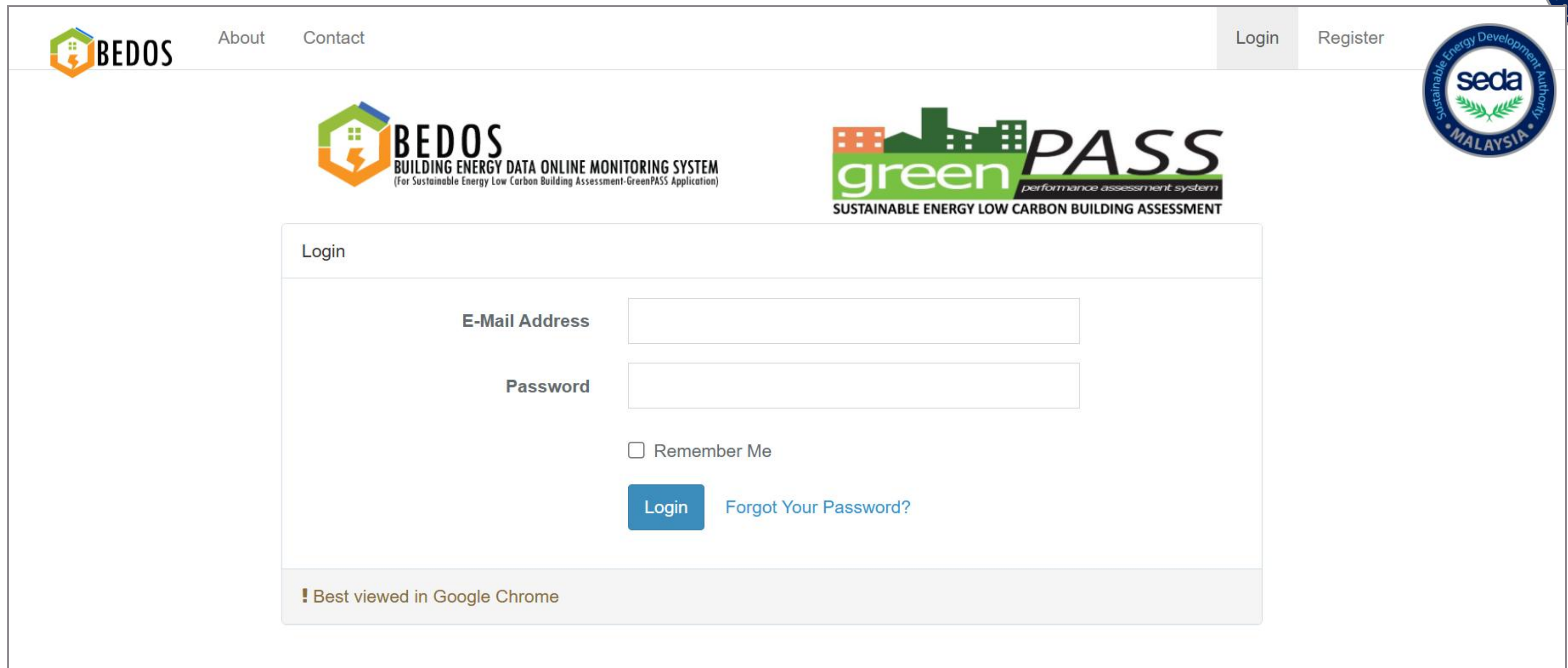


The screenshot shows the registration page for the BEDOS (Building Energy Data Online Monitoring) system. The page header includes the BEDOS logo, 'About' and 'Contact' links, and 'Login' and 'Register' buttons. The main content area features the BEDOS and greenPASS logos. Below the logos is a 'Register' form with fields for Name, E-Mail Address, Password, and Confirm Password, and a 'Register' button.

Register your BEDOS Account at :
URL >> <https://bedos.seda.gov.my/login>

Then, click “**Register**” to create account

1.2 LOGIN PAGE



The screenshot displays the login interface for the BEDOS (Building Energy Data Online Monitoring System) and GreenPASS (Sustainable Energy Low Carbon Building Assessment) application. The page features a header with the BEDOS logo, navigation links for 'About' and 'Contact', and buttons for 'Login' and 'Register'. The main content area includes the BEDOS and GreenPASS logos, a 'Login' section with input fields for 'E-Mail Address' and 'Password', a 'Remember Me' checkbox, and a 'Login' button. A link for 'Forgot Your Password?' is also present. A footer note states 'Best viewed in Google Chrome'. The SEDA Malaysia logo is visible in the top right corner.

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greenPASS
performance assessment system
SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

Login

E-Mail Address

Password

☐ Remember Me

Login

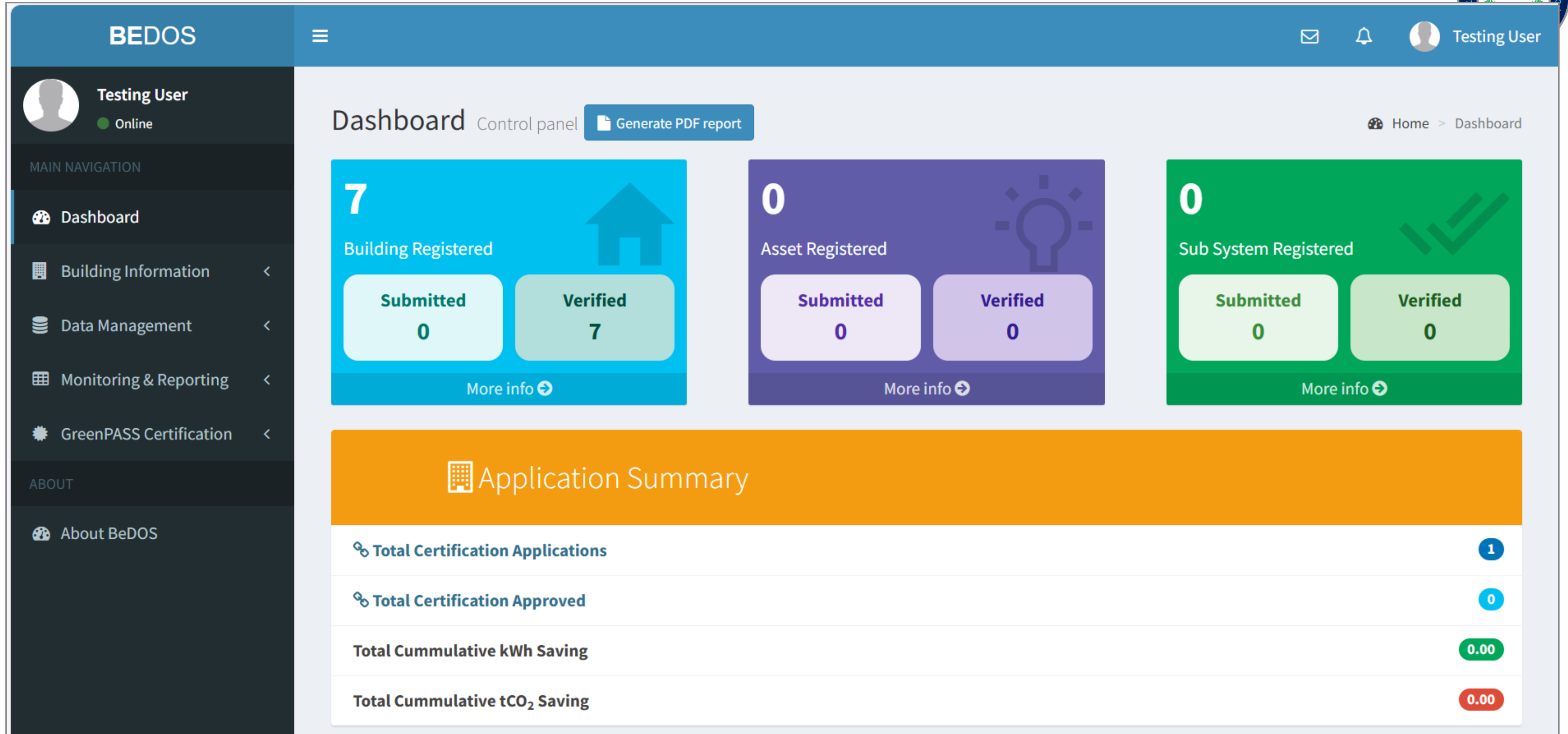
[Forgot Your Password?](#)

! Best viewed in Google Chrome

Login your BEDOS Account at :
URL >> <https://bedos.seda.gov.my/login>

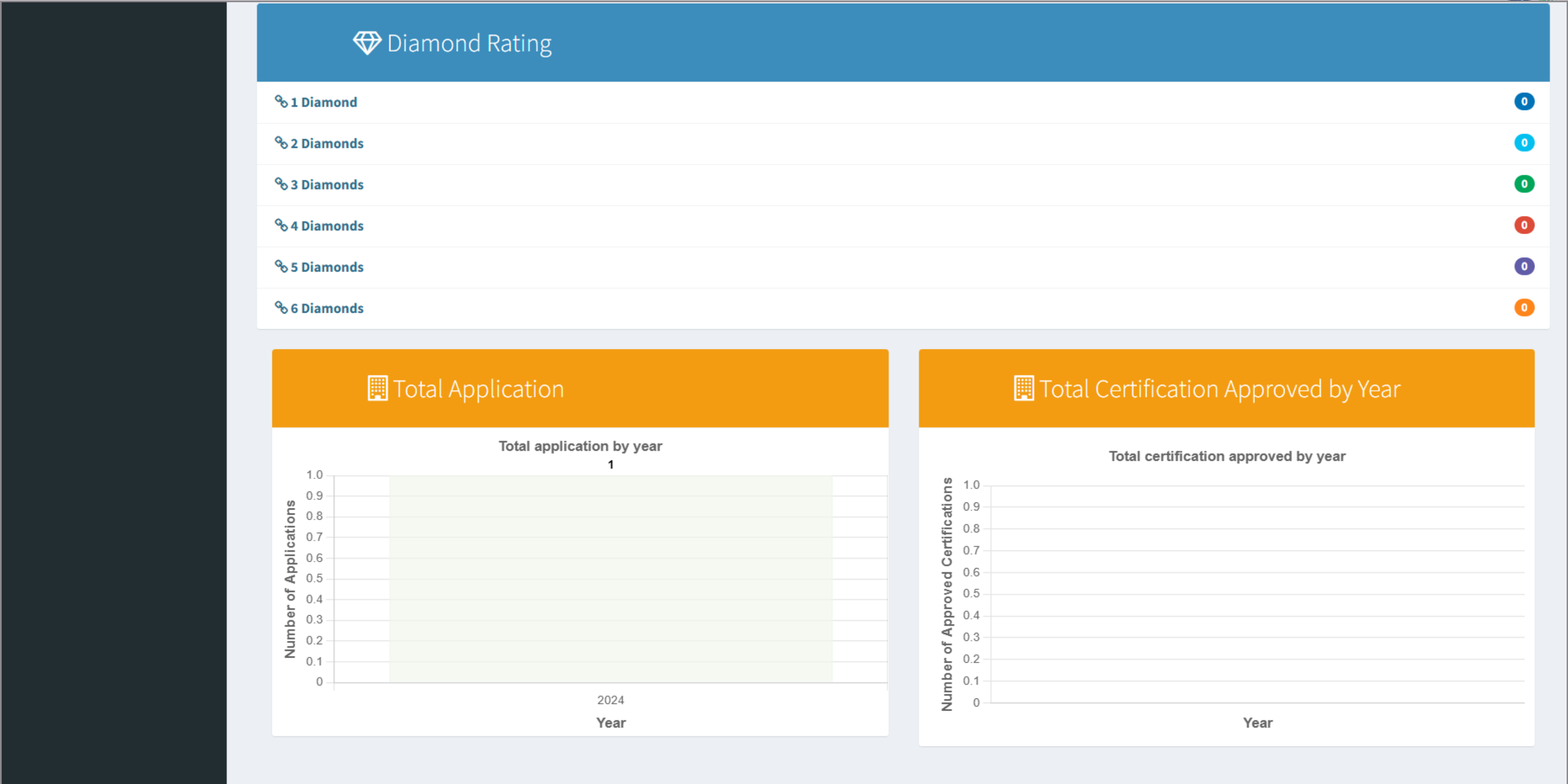
Then, click “**Login**” to sign in account

1.3 OVERVIEW DASHBOARD



The dashboard shows the summary of **Registered Building, Registered Assets and Registered Sub system** followed with **Application Summary**

1.3 OVERVIEW DASHBOARD



The dashboard also shows the **summary of building** with **Diamond Rating, Total Application and Total Certification Approved by Year**



BEDOS
BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
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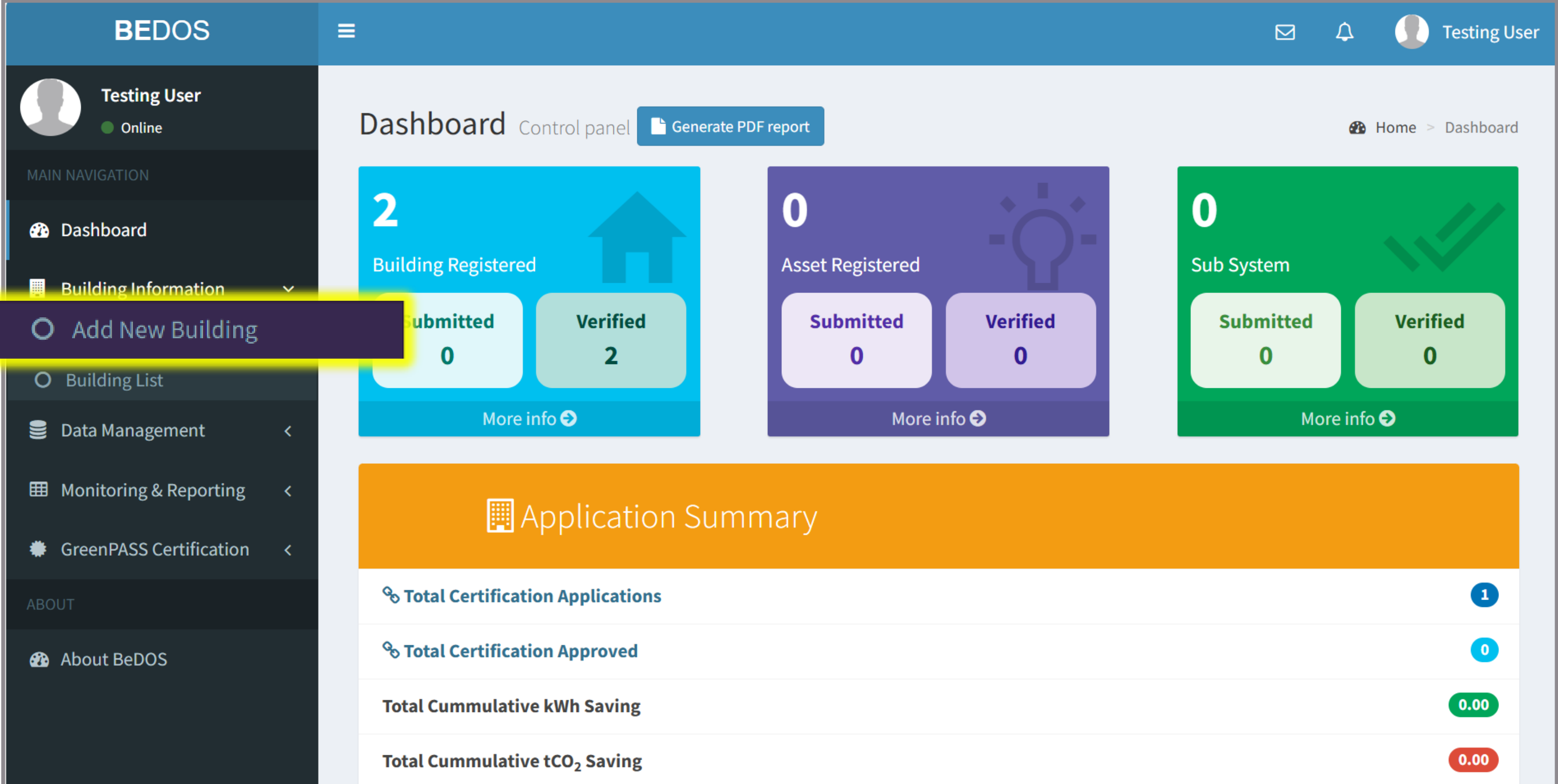


**FILL IN YOUR
BUILDING INFORMATION**

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2.1 REGISTRATION FOR NEW BUILDING

Upon log in into BEDOS , click the “**Building Information**” tab and select **1** “**Add New Building**” to fill in required information that has to be registered



The screenshot displays the BEDOS dashboard interface. On the left, a sidebar menu is visible with the following items: Dashboard, Building Information (highlighted with a yellow box and a red circle containing the number 1), Building List, Data Management, Monitoring & Reporting, GreenPASS Certification, and About BeDOS. The main content area shows a dashboard with three cards: Building Registered (2 Submitted, 2 Verified), Asset Registered (0 Submitted, 0 Verified), and Sub System (0 Submitted, 0 Verified). Below these cards is an 'Application Summary' section with the following data:

Application Summary	Value
Total Certification Applications	1
Total Certification Approved	0
Total Cumulative kWh Saving	0.00
Total Cumulative tCO ₂ Saving	0.00

2.1 GENERAL INFORMATION



The primary information needed is the ② **A- General Information** such as **Category, Building Assets/ Sub-system Name, Address** and **Contact person details**. All fields marked with a **red asterisk (*)** are **compulsory**.

BEDOS

Testing User
Online

MAIN NAVIGATION

- Dashboard
- Building Information
- Data Management
- Monitoring & Reporting
- GreenPASS Certification

ABOUT

- About BeDOS

Building Management New

A - General Information

Category

Please Select

Building/ Asset/ Sub-system Name *

Building/ Asset/ Sub-system Name

Building Owner Name/Organisation *

Building Owner Name/Organisation

Telephone *

01X12345678

Fax

01X12345678

Owner Email *

abc@example.com

Contact Person Name *

John Doe

* Name as per NRIC

Designation

Please Select

Contact Person Telephone *

01X12345678

Contact Person Fax

01X12345678

Building Address *

Building Address Line 1

Building Address Line 2

Postcode *

12345

City *

City

Location on Map *

Search location on map

* Fill in your postcode. We try to locate the location on map.

State *

Please Select

Local Authority *

Please Select

Electricity Company Provider

Please Select

Please select the electricity company provider. If it's not listed, enter the name manually.

Electricity Account Number

Electricity account number (please end with '/' after each number)

* if multiple account number, please separate by '/'. e.g. 1234/4567

Electricity Tariff

Please Select

Building Image

Choose File

No file chosen

* Allowed formats: png, jpg, jpeg, gif. Max size 500kB

2.1.1 GENERAL INFORMATION



The primary information needed is the ② **A- General Information** such as **Building / Assets/ Sub-system Name, Address** and **Contact person details**. All fields marked with a **red asterisk (*)** are **compulsory**.

BEDOS

Testing User
Online

MAIN NAVIGATION

Dashboard

Building Information

Data Management

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

Building Management New

Home > Building > New

A - General Information

Category

Please Select

Please Select

Building

Asset

Sub-system

Building

Any public or private premises consisting of residential, commercial or industrial buildings.

Asset

Any valuable item or system within a building that supports its function (e.g., equipment, furniture).

Sub-system

A specific component within a larger system—such as lighting, HVAC, or water systems—that is selected for focused energy efficiency enhancements and operational improvements. These subsystems are typically addressed under the Energy Performance Contracting Programme.

Building Owner Name/Organisation

Telephone *
01X12345678

Fax
01X12345678

Owner Email *
abc@example.com

Contact Person Name *
John Doe

* Nama seperti dlm kad pengenalan.

Designation
Please Select

Contact Person Telephone *
01X12345678

Contact Person Fax
01X12345678

Local Authority *
Please Select

Electricity Company Provider
Please Select
Please select the electricity company provider. If not in the list, please type in.

Electricity Account Number
Electricity account number (please end with '/' after each number)
multiple account number, please separate by '/'. e.g. 1234/4567

Electricity Tariff
Please Select

Building Image
Choose File No file chosen
* Allowed formats: png, jpg, jpeg, gif. Max size 500kB

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2.1.1 GENERAL INFORMATION

At **② A- General Information**, for **Building Category**, the additional information is required to specify the details



Building Management New

[Home](#) > [Building](#) > [New](#)

A - General Information

Category

Building

Is Government Building?

☐ Yes

☒ No

Building Status: **New building is defined for construction/design purposes building only

☐ New building?

☒ Existing building?

Building Address *

Building Address Line 1

Building Address Line 2

Postcode *

12345

City *

City

Location on Map *

* Fill in your postcode. We try to locate the location on map.

Building/ Asset/ Sub-system Name *

Building/ Asset/ Sub-system Name

Building Owner Name/Organisation *

Building Owner Name/Organisation

Telephone *

Fax

State *

Please Select

Local Authority *

Please Select

Electricity Company Provider *

Please Select

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2.1.2 BUILDING PHYSICAL INFORMATION



Part B includes **3 Building Physical Information** such as Physical Building Background, Building Type and Age of Building etc. All fields marked with a **red asterisk (*)** are **compulsory**.

B - Building Physical Information

3

Physical building background

Please select

Building Type *

Please select

Individual

Complex

Sub-building

Age Of Building

Age of building

Individual	Single building
Complex	Multiple buildings grouped as one facility.
Sub-building	Section / unit within a building

Floor Plan Layout

Choose File No file chosen

Net Floor Area *

Total No. of Basement Floor

Total Gross Floor Area

Air-conditioned Area *

Carpark Area *

Other Document

* Only PDF files are accepted.

* Files must be less or equal to 2MB.

2.1.2 BUILDING PHYSICAL INFORMATION



Part B includes ③ **Building Physical Information**, **Net floor Area** definition can be seen at ⓘ
The reference definition can also be found at the link provided.

B - Building Physical Information

3

Physical building background

GUIDELINES ON ASCERTAINING BUILDING AND ENERGY INTENSITY PERFORMANCE OF THE BUILDING



ENERGY EFFICIENCY AND CONSERVATION ACT 2024 [Act 861]

GUIDELINES ON ASCERTAINING A BUILDING AND THE ENERGY INTENSITY PERFORMANCE OF A BUILDING

GP/ST/No.48/2024

IN exercise of the powers conferred by subparagraph 3(2)(b) and section 67 of the Energy Efficiency and Conservation Act 2024 [Act 861], the Commission issues the following Guidelines:

Citation and commencement

1. These Guidelines may be cited as the Guidelines on Ascertaining a Building and The Energy Intensity Performance of a Building.

Net Floor Area ⓘ

Net Floor Area

m²

** As defined by the Energy Commission (GFA). [View Guidelines]

Total Gross Floor Area

Total Gross Floor Area

m²

Carpark Area

Carpark Area

m²

Other Document

Choose File

No file chosen

** Summary report/analysis and other

Total No of Basement Floor

Total No of Basement Floor

Air-conditioned Area

Air-conditioned Area

m²

* Only PDF files are accepted.

* Files must be less or equal to 2MB.

2.1.3 BUILDING OPERATING INFORMATION



Part C includes **④ Building Operation Information** such as **Total Number of Occupants** and **Building Operating hours schedule per week**. If the **Renewable Energy** are available, the information Solar PV/ Renewable Energy Install capacity are required.

4

C - Building Operating Information

Total number of occupants

Total number of occupants

☐ Chiller Available?

☒ Renewable Energy Available?

☐ District Cooling Available?

☐ EV Charger Available?

Occupancy rate (current year)

Occupancy rate (current year)

%

Solar PV/Renewable Energy?

☐ NEM

Install Capacity

kW

☐ FiT (Direct Feeder)

Install Capacity

kW

☐ SELCO (Indirect Feeder)

Install Capacity

kW

☐ SOLAR THERMAL

Install Capacity

GJ

☐ Others

Install Capacity

kW

Building operating hours schedule per week

Building operating hours schedule	Hours
-----------------------------------	-------

2.1.4 BUILDING MAINTENANCE INFORMATION



Part D includes ⑤ **Building Maintenance Information**. Once this section is complete, **REMEMBER** to click “**Save!**”.

5

D - Building Maintenance Information

Manpower

Manpower

Person

Contact Person

Contact Person

Contact Person Phone

01112345678

* Phone number of the contact person

Maintenance Contractor

Maintenance Contractor

Contact Person Email

abc@example.com

* Email will be sent to this email for them to login

Availability of energy management engineer

Please select

Training of Maintenance Workers

Training of Maintenance Workers

cumulative hrs/year

Save!

2.2 BUILDING LIST



The building submission has been successfully **SUBMITTED**. The information provided will be reviewed and verified by SEDA Malaysia. Once verified, the building status will be updated to **VERIFIED**.

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Testing User
Online

MAIN NAVIGATION

Dashboard

Building Information

Add New Building

Building List

Data Management

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

BEDOS

Testing Use

Building Management Listing

Home > Building > Lis

Search Building name / Electricity account number

Building name / Electricity account number

Search

Building List

#	Building Name	Registration Date	Building Status	Action
1	Perpustakaan 210	2025-08-28	SUBMITTED	Action

SUBMITTED

Submitted for Verification

VERIFIED

Verified by SEDA

NOT COMPLETED

Still not completed

 Please take note that you can only **KEY IN** your data once the building status is **VERIFIED**

2.2 BUILDING LIST



The building submission has been verified. The verification date is now available, and a shortcut link can be accessed through the Action button.

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Testing User
Online

MAIN NAVIGATION

Dashboard

Building Information

Add New Building

Building List

Data Management

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

BEDOS

Testing User

Building Management Listing

Home > Building > List

Search Building name / Electricity account number

Building name / Electricity account number

Search

Building List

#	Building Name	Registration Date	Building Status	Verified Date	Action
1	Perpustakaan 210	2025-08-28	VERIFIED	2025-09-02	Action



Please take note that you can only **KEY IN** your data once the building status is

VERIFIED



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SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

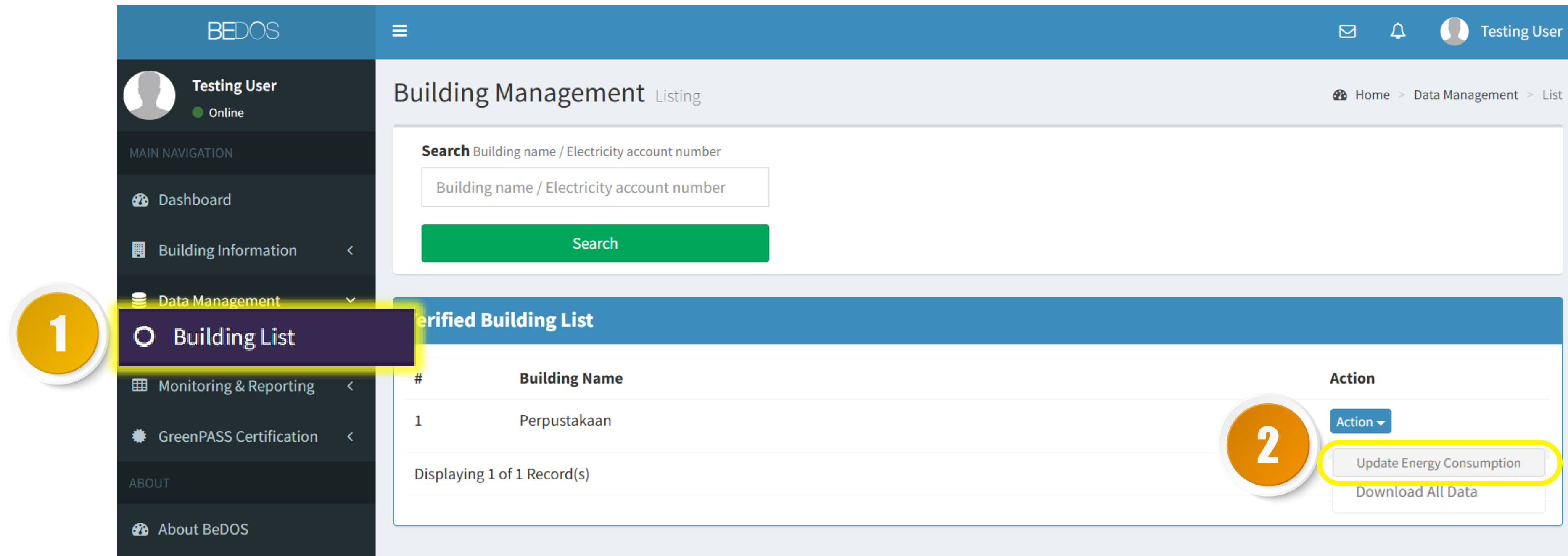
FOR DATA MANAGEMENT



3.1 DATA MANAGEMENT

Now your building information has verified.

Next, click ① **“Building List”** under the **Data Management** tab. Then, click on the data ② **“Update Energy Consumption”** to fill in your monthly data consumption



The screenshot displays the BEDOS Building Management Listing interface. The sidebar on the left shows the 'Data Management' tab selected, with the 'Building List' option highlighted. The main content area shows a search bar and a table titled 'Verified Building List'. The table contains one record for 'Perpustakaan' with an 'Action' column. The 'Action' column has a dropdown menu with the option 'Update Energy Consumption' highlighted.

#	Building Name	Action
1	Perpustakaan	Update Energy Consumption Download All Data



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BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
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i. FOR EXISTING BUILDING

3.1.i. DATA MANAGEMENT FOR EXISTING BUILDING



Click “**Add New**” to start key in your monthly data consumption

BEDOS

Testing User

Online

MAIN NAVIGATION

Dashboard

Building Information

Data Management

Building List

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

Testing User

Testing User

Building Management Consumption

Home > Building > Consumption

Perpustakaan Consumptions

Tahun/Bulan

January

February

March

April

May

June

July

August

September

October

November

December

Action

Add New

3.1.i. DATA MANAGEMENT

FOR EXISTING BUILDING



Please fill up your monthly required **“Electricity Consumption (kWh)”** in the designated field.
Once completed, click **“Save!”** button.

BEDOS

Testing User

Online

MAIN NAVIGATION

Dashboard

Building Information

Data Management

Building List

Monitoring & Report

GreenPASS Certification

ABOUT

About BeDOS

Building Management

Consumption

Home > Building > Consumption

Perpustakaan

Year

2025

Download Template

Upload via Excel file

Month/Year	Parameter							
	Electrical Usage	DC Chilled Water Usage (for non-residential)		Water Usage		Utility Bills		RE Consumption
	Electricity Consumption (kWh) *Required	Maximum Demand (kW) *optional	Energy Variable Charges (RTH) (if available)	Demand Charges (RT) (if available)	Water Consumption (m³) *optional	Water Bill (RM) *optional	Electricity Bill (RM) *optional	Solar Consumption (kWh) *optional
January								
February								
March								
April								

4

3.1.i. DATA MANAGEMENT FOR EXISTING BUILDING



OR you can key in and upload your data by designated excel template.

4

Building Management

Consumption

Home > Building > Consumption

Perpustakaan

Year

2019

▼

Download Template

Upload via Excel file

AutoSave Off BedosEnergyConsumptionTemplate... Search										
File Home Insert Draw Page Layout Formulas Data Review View Automate Help										
H19 X ✓ fx										
	A	B	C	D	E	F	G	H	I	
	Year	Month	Energy Consumption (kWh)	Maximum Demand (kW)	GDC Energy Variable Charges (RTH)	GDC Demand Charges (RT)	Water Consumption (m3)	Water Bill (RM)	Electricity Bill (RM)	
1										
2	2019	1								
3	2019	2								
4	2019	3								
5	2019	4								
6	2019	5								
7	2019	6								



BEDOS

BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)



ii. FOR NEW BUILDING

3.1.ii. DATA MANAGEMENT

FOR NEW BUILDING



Click “**Add Baseline design**” and “**Add Target design**” to fill up monthly data consumption.

BEDOS

Testing User

Online

MAIN NAVIGATION

Dashboard

Building Information

Data Management

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

Building Management

Consumption

Home > Building > Consumption

PERPUSTAKAAN Consumptions

Tahun/Bulan	January	February	March	April	May	June	July	August	September	October	November	December	Action
	3 Add Baseline design	Add Baseline as built (optional)		4 Add Target design	Add Target as built (optional)*								

3.1.ii. DATA MANAGEMENT

FOR NEW BUILDING



Please fill up your monthly required **“Electricity Consumption (kWh)”** in the designated field. Once completed, click **“Save!”** button.

Building Management

Consumption

Home > Building > Consumption

PERPUSTAKAAN

Baseline Design

Month/Year	Parameter
	Electrical Usage
	Electricity Consumption (kWh) *Required
	Maximum Demand (kW) *optional
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

save!

Building Management

Consumption

Home > Building > Consumption

PERPUSTAKAAN

Target Design

Month/Year	Parameter
	Electrical Usage
	Electricity Consumption (kWh) *Required
	Maximum Demand (kW) *optional
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

save!



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BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)



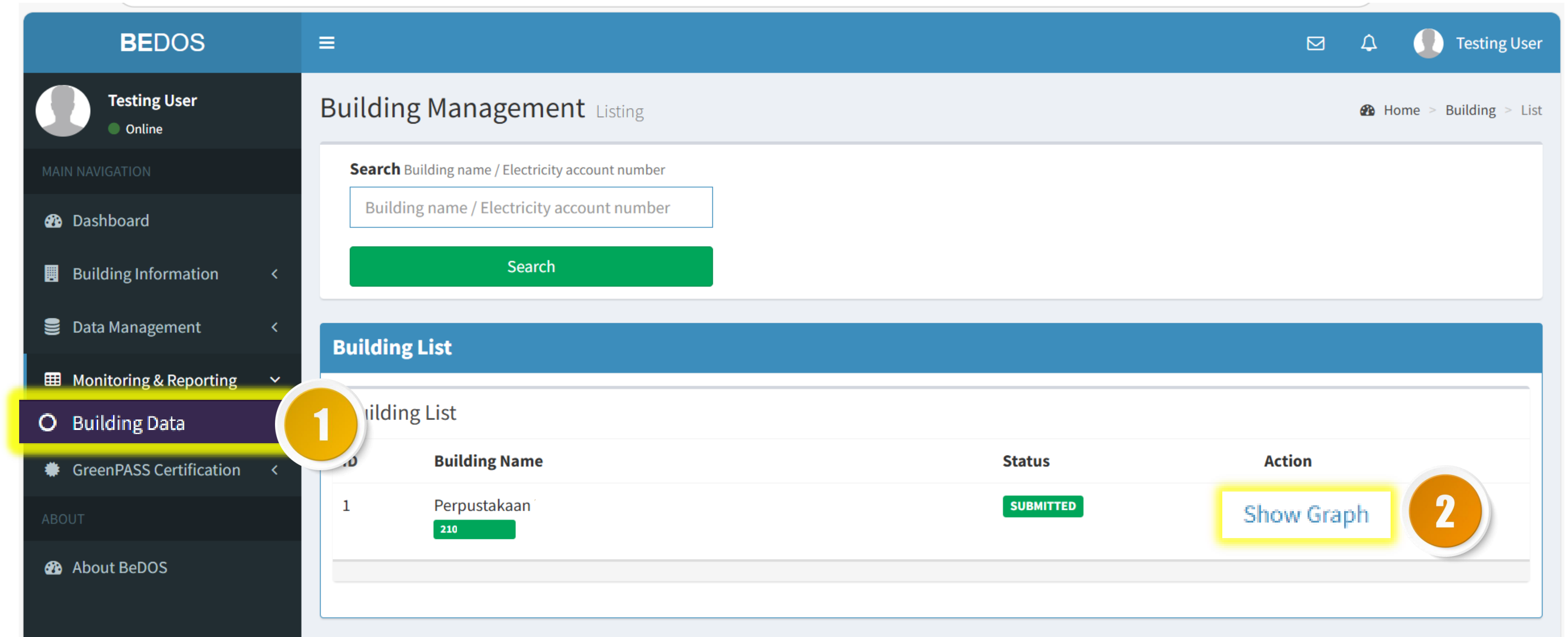
PASS
performance assessment system
SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

FOR **DATA MONITORING & REPORTING**



4.1 DATA MONITORING AND REPORTING

In order to monitor your building data, click on **“Building Data”** under the **“Monitoring & Reporting”** tab. Then, select **“Show Graph”**.



The screenshot displays the BEDOS (Building Energy Data Operating System) interface. The top navigation bar includes the BEDOS logo, a menu icon, and user information for 'Testing User'. The left sidebar shows the 'Monitoring & Reporting' section expanded, with 'Building Data' highlighted. The main content area shows the 'Building List' table with columns for Building ID, Building Name, Status, and Action. The 'Show Graph' button is highlighted in the Action column.

Building Management Listing

Search Building name / Electricity account number

Building name / Electricity account number

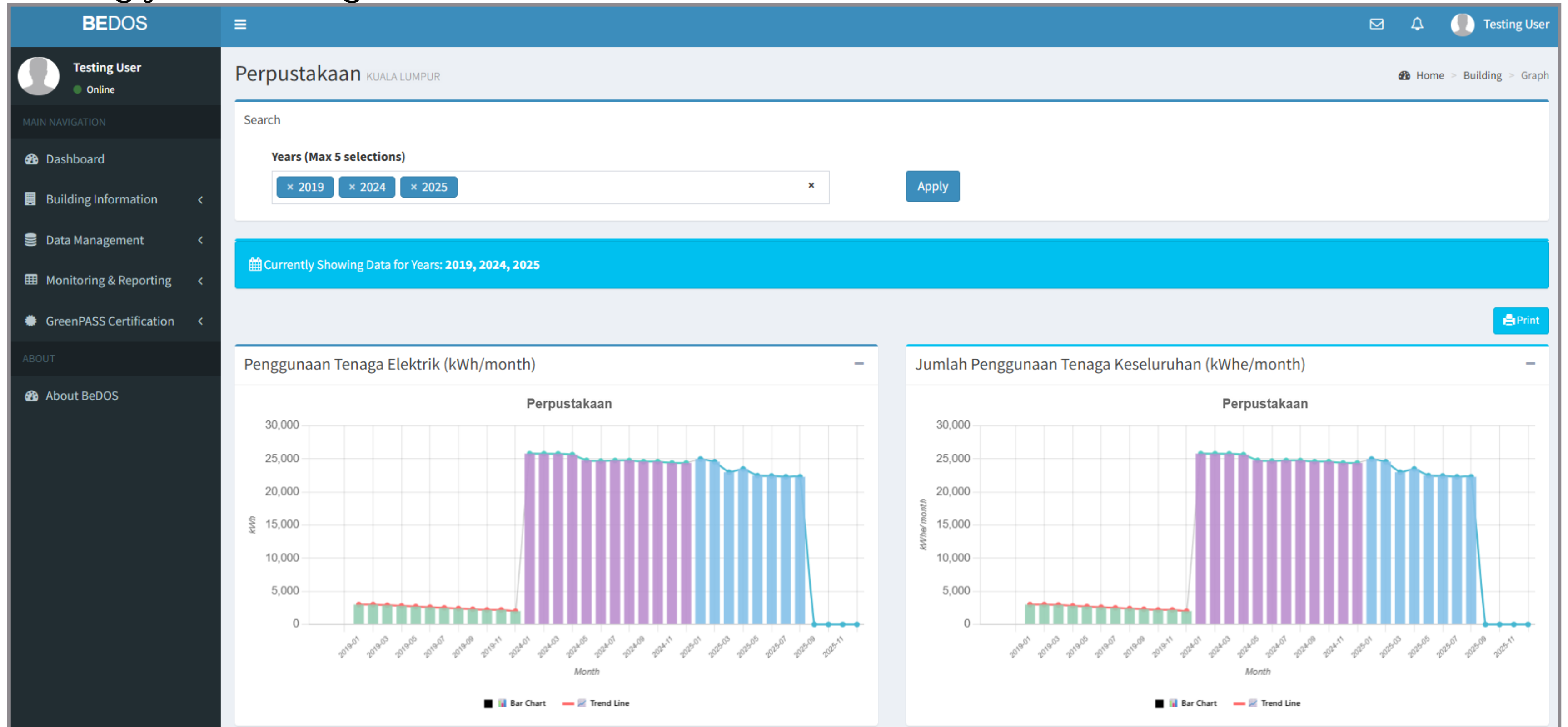
Search

Building List

Building ID	Building Name	Status	Action
1	Perpustakaan 210	SUBMITTED	Show Graph

4.1 DATA MONITORING AND REPORTING

All graphs will be displayed on the screen to show the required data. Now, you can start monitoring your building data.





BEDOS
BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)

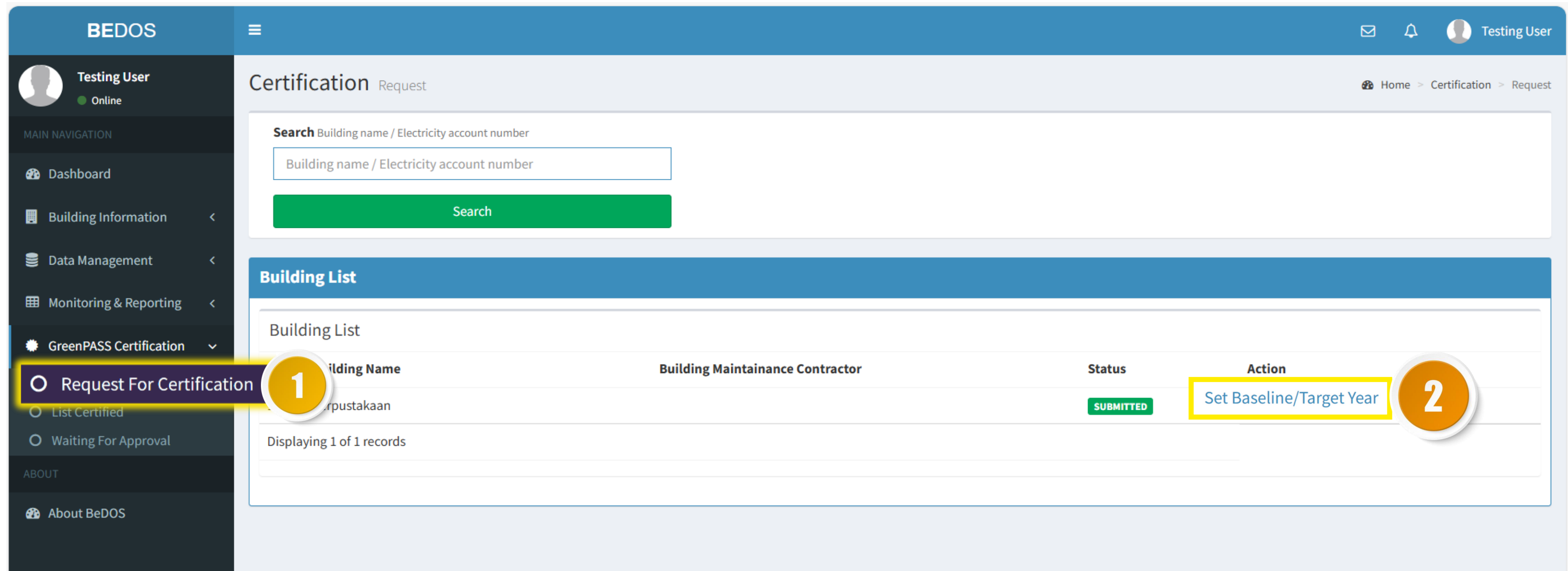


FOR **GREENPASS** **CERTIFICATION**

05

5.1 GREENPASS CERTIFICATION

Next, under the **GreenPASS Certification** tab, select “**Request for Certification**”. Proceed to click on “**Set Baseline/ Target Year**”



The screenshot displays the BEDOS (Building Energy Data Operating System) interface for GreenPASS Certification. The sidebar on the left contains the following navigation items:

- Testing User (Online)
- MAIN NAVIGATION
 - Dashboard
 - Building Information
 - Data Management
 - Monitoring & Reporting
 - GreenPASS Certification
 - Request For Certification** (highlighted with a yellow box and callout 1)
 - List Certified
 - Waiting For Approval
- ABOUT
 - About BeDOS

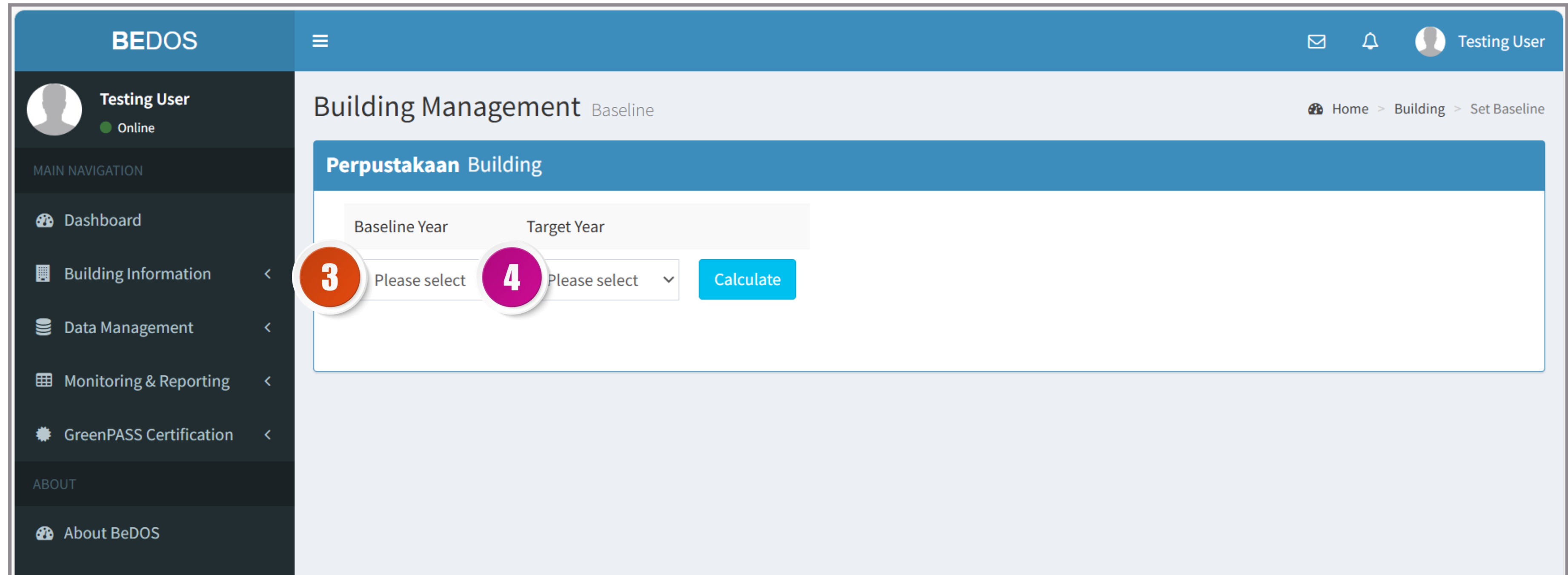
The main content area shows the 'Certification Request' page. It includes a search bar with the placeholder text 'Building name / Electricity account number' and a green 'Search' button. Below the search bar is a 'Building List' table with the following columns: Building Name, Building Maintenance Contractor, Status, and Action.

Building Name	Building Maintenance Contractor	Status	Action
Perpustakaan		SUBMITTED	Set Baseline/Target Year (highlighted with a yellow box and callout 2)

Below the table, it indicates 'Displaying 1 of 1 records'.

5.1 GREENPASS CERTIFICATION

Select the relevant **Baseline Year** and **Target Year**, then click “**Calculate**”. The system will automatically determine the energy savings based on your selection.



The screenshot displays the BEDOS Building Management interface. The sidebar on the left contains the following navigation items: Dashboard, Building Information, Data Management, Monitoring & Reporting, GreenPASS Certification, and About BeDOS. The main content area is titled 'Building Management' and shows the 'Perpustakaan Building' section. The 'Set Baseline' form includes two dropdown menus for 'Baseline Year' and 'Target Year', both currently showing 'Please select'. A blue 'Calculate' button is positioned to the right of these dropdowns. Red and blue callout boxes with numbers 3 and 4 highlight the 'Baseline Year' and 'Target Year' dropdowns, respectively.

Remark: Please note that the baseline, once selected for certification, is locked and cannot be altered.

5.1 GREENPASS CERTIFICATION

The final step is to select “**Submit for Certification**”. The registration process is now complete. An email will be sent to the contact person once it is approved. The name of building will be placed in the certified list buildings.

Building Information <

Data Management <

Monitoring & Reporting <

GreenPASS Certification <

ABOUT

About BeDOS

2024

2025

Calculate

GREENPASS DIAMOND RATING CERTIFICATION



Month	Baseline Consumption data (kWh) (2024)	BEI Baseline Year (kWh/m ² /Year) (2024)	Performance Data (kWh/Year) (2025)	BEI Target Year (kWh/m ² /Year) (2025)	Net BEI (Target*) (kWh/m ² /Year) (2025)	Energy Saving (kWh)	Carbon Reduction (tonne CO ₂ /year)	Energy
January	25,800.00	0.00	25,000.00	0.00	0.00	800.00	0.56	
February	25,788.00	0.00	24,589.00	0.00	0.00	1,199.00	0.83	
March	25,777.00	0.00	23,000.00	0.00	0.00	2,777.00	1.93	
April	25,655.00	0.00	23,500.00	0.00	0.00	2,155.00	1.50	
May	24,798.00	0.00	22,500.00	0.00	0.00	2,298.00	1.59	
June	24,689.00	0.00	22,444.00	0.00	0.00	2,245.00	1.56	
July	24,777.00	0.00	22,310.00	0.00	0.00	2,467.00	1.71	
August	24,767.00	0.00	22,304.00	0.00	0.00	2,463.00	1.71	
September	24,610.00	0.00	0.00	0.00	0.00	24,610.00	17.08	
October	24,608.00	0.00	0.00	0.00	0.00	24,608.00	17.08	
November	24,399.00	0.00	0.00	0.00	0.00	24,399.00	16.93	
December	24,400.00	0.00	0.00	0.00	0.00	24,400.00	16.93	
Total	300,068.00	0.00	185,647.00	0.00	0.00	1,421.00	79.41	

5

Submit for Certification



BEDOS
BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)



greenPASS
performance assessment system
SUSTAINABLE ENERGY LOW CARBON BUILDING ASSESSMENT

TO **GENERATE** **REPORT**

05

6.1 TO GENERATE REPORT

From BEDOS, you also allow to generate **Building Performance Report** in PDF format.

BEDOS

Testing User
Online

MAIN NAVIGATION

Dashboard

Building Information

Data Management

Monitoring & Reporting

GreenPASS Certification

ABOUT

About BeDOS

Dashboard

Control panel

Generate PDF report

Home > Dashboard

7
Building Registered

Submitted 0

Verified 7

More info

0
Asset Registered

Submitted 0

Verified 0

More info

0
Sub System Registered

Submitted 0

Verified 0

More info

Application Summary

Total Certification Applications	1
Total Certification Approved	0
Total Cumulative kWh Saving	0.00
Total Cumulative tCO ₂ Saving	0.00

6.1 TO GENERATE REPORT

Lastly, from BEDOS, you also allow to view **Building Performance Report** in PDF format.



BEDOS
 BUILDING ENERGY DATA ONLINE MONITORING SYSTEM
(For Sustainable Energy Low Carbon Building Assessment-GreenPASS Application)
 Sustainable Energy Development Authority (SEDA) Malaysia
 Building Energy Online Data Monitoring System (BEDOS)

Report Year: 2025

Introduction

The Building Energy Online Data Monitoring System (BEDOS) is a digital platform developed by the Sustainable Energy Development Authority (SEDA) Malaysia. It is designed to support energy efficiency initiatives by enabling building owners and managers to monitor, analyze, and report their energy consumption in a centralized and systematic way.

BEDOS plays a crucial role in promoting sustainable energy practices by providing tools for tracking energy performance, calculating carbon emission reductions, and supporting data-driven decision-making for energy management.

BEDOS Building Performance Report

- Building Registration Overview**
 - Building Owner: Testing User
 - Total Registered Buildings/Assets/Sub-system: 8
 - Categories:
 - Building: 9
 - Physical Building background
 - Office Building and Purpose-Built Office (PBO): 2
 - Residential Building - Bungalow: 1
 - Hotels: 1
 - University/College/Schools: 1
 - Unknown: 3
 - Others: 1
- Energy Performance Summary**
 - ⚡ Total Energy Savings Achieved: 0 kWh
- Environmental Impact**
 - 🌳 Total Carbon Emissions Reduction: 0 tons CO₂

Equivalent to:

 - 🚗 Removing 0 cars from the road annually



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- 🌳 Planting 0 trees

** This is estimated value only.

- GreenPASS Certification**

Total Buildings with GreenPASS Certification: 0

Diamond Ratings Achieved:
- Conclusion**

Based on the above data:

 - Your building has demonstrated measurable energy savings, contributing to operational cost reductions.
 - The associated carbon emissions reduction reflects your commitment to environmental responsibility.
 - The data supports continuous improvement, helping you identify trends, set benchmarks, and plan future energy efficiency initiatives.

This report can be used for:

 - Internal performance reviews
 - Sustainability reporting
 - Green building certifications
 - Stakeholder communication
- Remarks**

BEDOS plays a vital role in advancing Malaysia's shift toward a low-carbon future by facilitating data-driven energy management. The increasing number of registered buildings and tangible energy savings achieved highlighted the system's success in fostering sustainable practices.

- END OF REPORT -

Let us Keep in touch

Thank you



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