

# HOME ENERGY CALCULATOR (HEC) USER GUIDE

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#### ABOUT HOME ENERGY CALCULATOR

1. Open Home Energy Calculator (HEC) website using URL below: Link: <a href="https://hec.tnb.com.my/">https://hec.tnb.com.my/</a>



**HEC** is a tool for customers to conduct self-energy audit to understand their household consumption. TNB provides another feature in HEC to assist customers in making better decision in managing their appliance

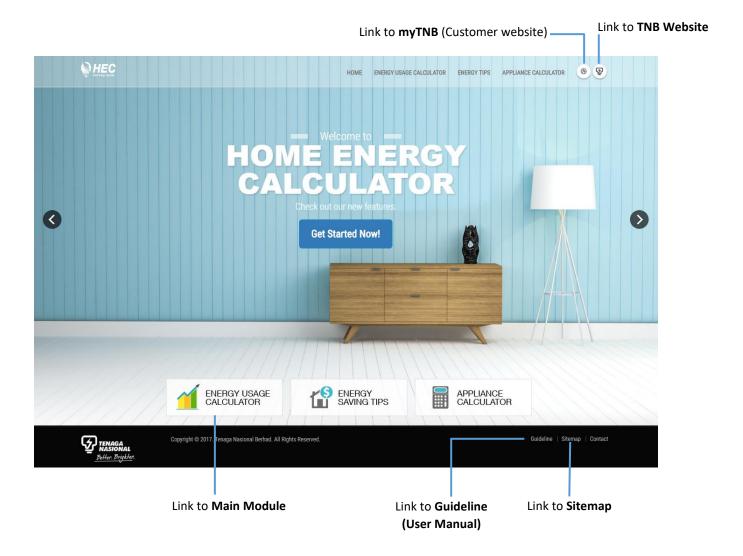
The objective of HEC is to help consumers make better energy efficiency decisions through: -

- Energy Usage Calculator
- Energy Saving Tips
- Appliance Calculator

Consumers can estimate their energy consumption and choose the right measures towards achieving greener living.

## **Landing Page**

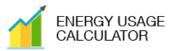
Note: Please use latest browser version for full experience.



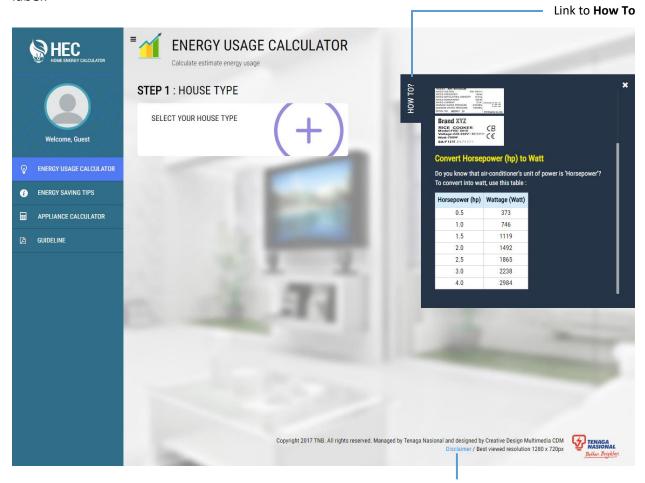
## **Energy Usage Calculator**

Note: Please use latest browser version for full experience.

1. At Landing Page, Click Energy Usage Calculator.

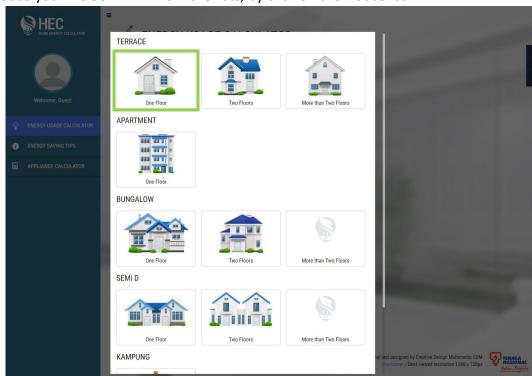


2. Click "**HOW TO**" to get overview about how to get the wattage (watt) value from appliances label.



Link to **Disclaimer** 

3. Follow the first step by click on **SELECT YOUR HOUSE TYPE**.



4. Choose your **HOUSE TYPE** from the lists, by click on the House Icon.

5. Your house selection will appear on the next page.



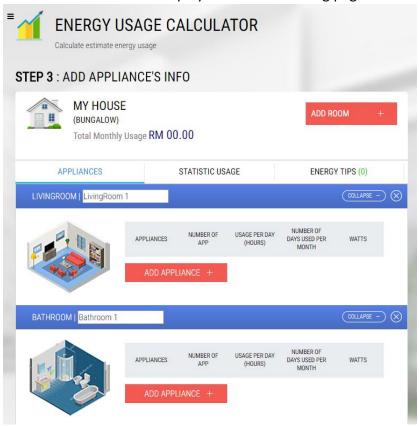


6. Click **ADD ROOM** to your selected house.

You can add multiple room by increase the value from the navigational button.



7. A selected room will be displayed on the following page.



STEP 3: ADD APPLIANCE'S INFO MY HOUSE ADD ROOM ADD Room (BUNGALOW) Total Monthly Usage RM 00.00 Auto Calculated Usage **APPLIANCES** STATISTIC USAGE ENERGY TIPS (0) 3 Tab Menu. LIVINGROOM | LivingRoom 1 Expand/Collapse NUMBER OF USAGE PER DAY DAYS USED PER MONTH APPLIANCES WATTS (HOURS) **Room Section** BATHROOM | Bathroom 1 EXPAND + Delete Room EXPAND + BATHROOM | Bathroom 2

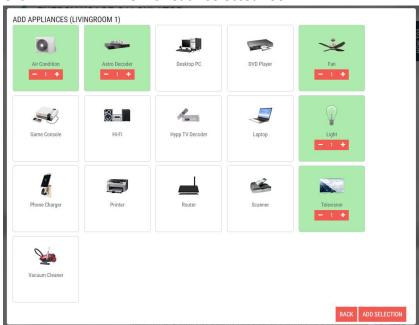
EXPAND +

To expand or collapse the navigational bar for ROOM, click on the icon (Collapse/Expand).

**Room Label** 

MASTERBEDROOM | MasterBedroom 1

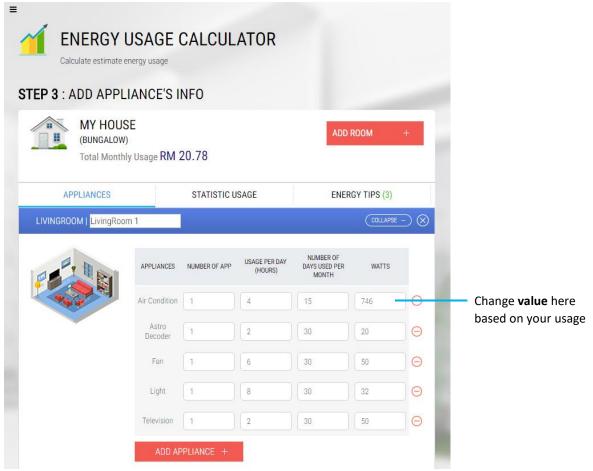
8. Click ADD APPLIANCE for each selected room.



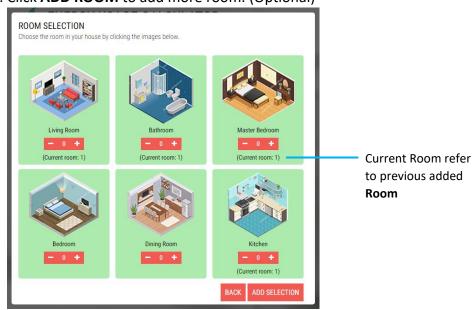
You can add multiple appliances by increase the value from the navigational button.

9. Click **ADD SELECTION** to proceed.

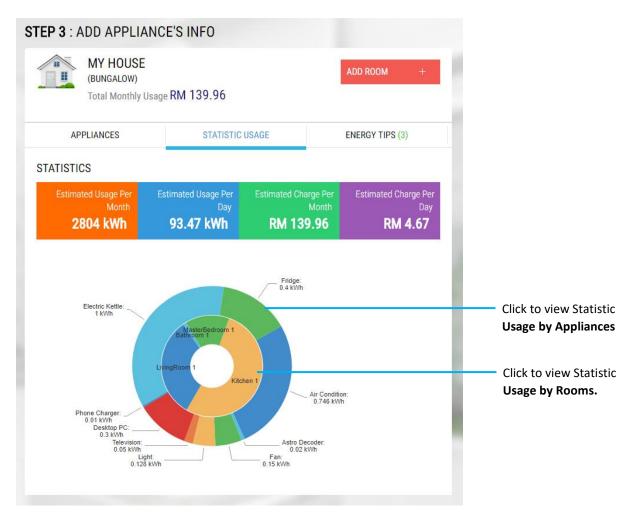
10. Change the default preset value for each appliance based on your daily usage. Value for Energy Usage will automatically be calculated once the value change.



11. Click ADD ROOM to add more room. (Optional)



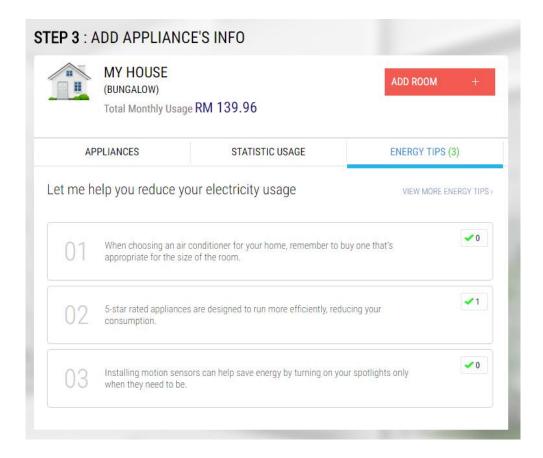
12. Switch to **STATISTIC** to get details overview about your usage in analytic format.



13. Click the Graph to view details about Usage by Appliances or Usage by Room.



14. Click on **ENERGY TIPS** to get advice on how to reduce your monthly usage by following what had been suggested by TNB.



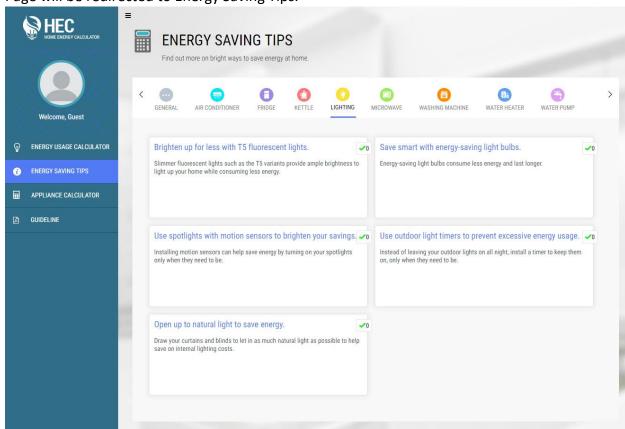
## **Energy Saving Tips**

Note: Please use latest browser version for full experience.

1. At Landing Page, Click Energy Saving Tips.



2. Page will be redirected to Energy Saving Tips.



3. Click on **Appliance icon** to view all the Energy Tips related to the appliance.



4. For more info about Energy Saving Tips, click on provided link at the header.

Link: https://www.tnb.com.my/residential/energy-savings-at-home/

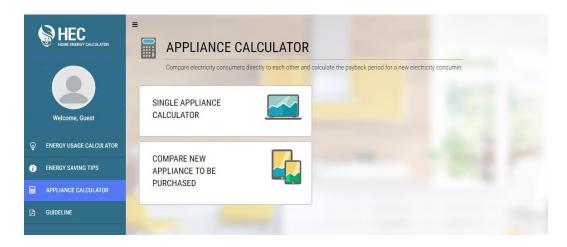
## **Appliance Calculator**

Note: Please use latest browser version for full experience.

1. At Landing Page, Click Appliance Calculator.

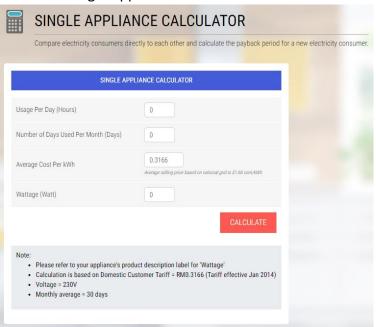


2. Page will be redirected to Appliance Calculator menu.



#### For **SINGLE APPLIANCE CALCULATOR**

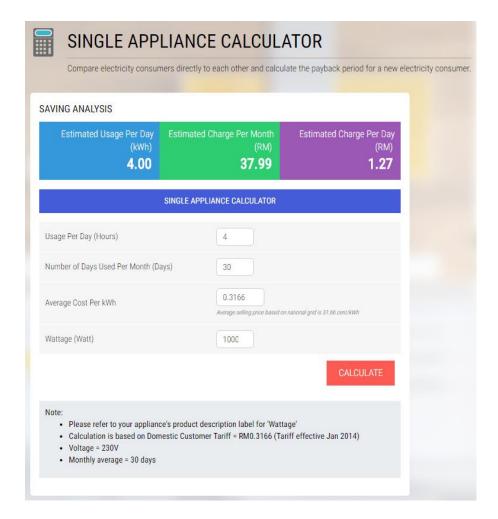
- 1. Click on Single Appliance Calculator menu.
- 2. Page will be redirected to a Single Appliance form.



3. Insert the required field. Click Calculate.



4. Result will be calculated and displayed at the top.



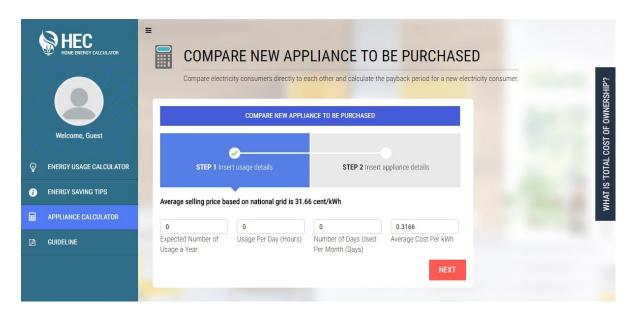
#### Note:

The Average Cost Per kWh refer to Average selling price based on Malaysia national grid which is 31.66 cent/kWh.

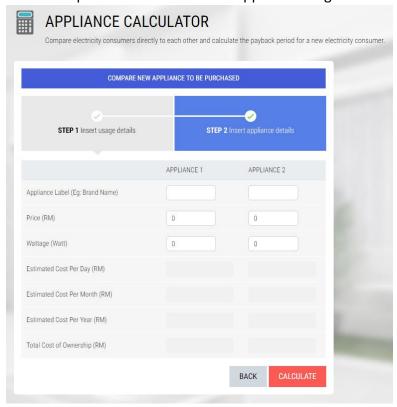
5. Change the value to recalculate the appliance usage.

#### For COMPARE NEW APPLIANCE TO BE PURCHASED

- 1. Click on Compare New Appliance to be Purchased menu.
- 2. Page will be redirected to a new Form:
- 3. Insert the required field. First Step was to insert the Initial usage details.

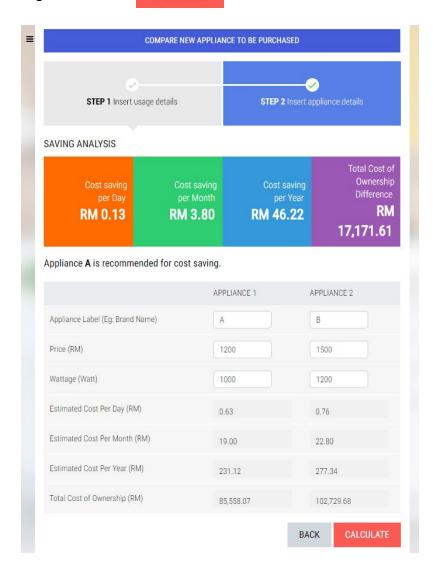


4. Second step to insert the details of appliance usage.



5. Click **Calculate** to get the result.

CALCULATE



For more info about the Calculated Result, click on the "What is Total Cost of Ownership?" menu.

