Brent

TREC ELECTRICITY MONITOR INSTRUCTIONS

You must read the TREC Energy Monitor Loan Scheme Information document containing Teams & Conditions and Health & Safety information before borrowing the energy monitor.

TREC is a wireless electricity monitor which shows you just how much total electricity you are using throughout your home- lights, appliances and any electrical heaters. Find out how much this is costing you and how much energy is being used. It is easy to install, easy to read and easy to use.

THIS MONITOR IS NOT TO BE LOANED TO ANYONE UNDER THE AGE OF 18. DO NOT LET CHILDREN PLAY WITH THIS EQUIPMENT NOR THE METER BOX. DO NOT LEAVE THIS EQUIPMENT UNATTENDED IN THE PRESENCE OF CHILDREN.

WARNING: Extreme care must be taken when working with electrical equipment as touching exposed electrical wires or components may result in electrocution causing death. If in any doubt consult a qualified electrical installer.

1. **Identify all the items in the box**
   Remote monitor, remote monitor unit power cable, transmitter box, sensor jaw (the clip on a wire).
2. **Locate electricity meter and identify live supply cable**

a) Before touching any cables, visually inspect the insulation (plastic covering) for any signs of damage or deterioration such as cracks in the outer covering, visible copper cores, burnt or blackened covering. If damage is seen consult a qualified electrical installer for advice.
b) If there is any water present in the fuse box, caused by rain or leakage, do not install the sensor until everything is absolutely dry.
c) Do not force or put pressure on the wires. If you do not have access to these wires, you should not attempt to fit the transmitter clip, you would need to contact a qualified electrician.

   NOTE: Brent Council is in no way responsible for any damage to property or person as a result of the use of these monitors.

3. **Connect the remote monitor unit power cable to the port on the back of the display and plug into a convenient power socket.**

4. **Remove battery tab from underside of the black transmitter.**
5. **If remote monitor display shows '0 watts' the remote sensor doesn't need pairing, skip to no 7. If it shows dashes, the remote monitor and transmitter need pairing, continue to no 6.**

6. **Pairing the remote monitor and transmitter**
    a) Locate the tuning push switch towards the top of the black transmitter.
    b) Using a ballpoint pen, push and hold the switch for nine seconds.
    c) Upon releasing, the red light on the sensor will rapidly flash for a minute. If it doesn't flash try again.
    d) While the light on the transmitter is flashing, press and hold the down button on the far right of the remote monitor until the LED flashes.
    e) When you release the button the screen will show a tuning signal indication it's tuning itself to the transmitter.
    f) Once tuning is complete your display will clear and return to operation.

7. **Connect the sensor jaw cable to the transmitter.**
8. **Take the transmitter and its sensor jaw to your mains electricity meter; select the thick round wire from the meter that leads to your property. This is the wire furthest on the right leading from your electricity meter.**
9. **Ensure there is room around the wire and encircle the wire with the jaw.**
10. **The remote monitor unit will now be displaying real time energy use and costs information.**

MONITORING ENERGY USE

If you would like to monitor your energy use and costs a TREC monitoring table is available to download at www.brent.gov.uk/energymonitors

FOR MORE INFORMATION

You can watch a clip of a monitor being set up on YouTube

http://www.youtube.com/watch?v=g8tRFtRKF5I

 Or take a look at the TREC website

http://www.currentcost.com/product-trec.html

If you have any queries please email environment@brent.gov.uk tel: 020 8937 5027