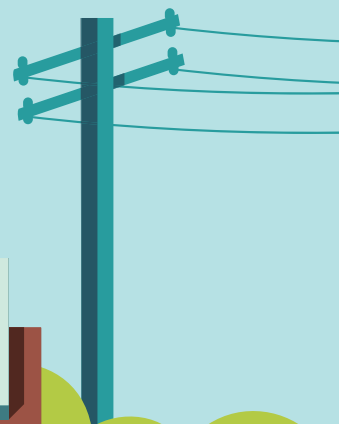


Net Metering WORKBOOK

A guide to calculating the usage of electricity in your home with a net-metered system.



Kentucky's Touchstone Energy[®] Cooperatives 

THE BASICS

Understanding the numbers you will need and where to get them.

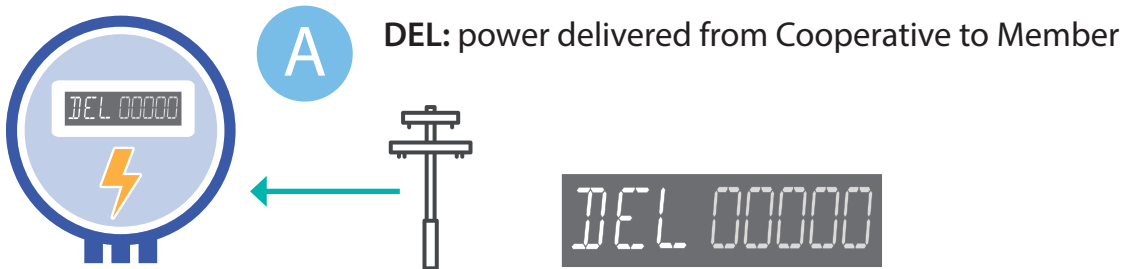
Net Metering is for cooperative members with private solar panels or other generating systems that may produce more electricity than their home or business uses. The excess power feeds into the grid.

Members using Net Metering often want to calculate their system's "Net," which is the difference between power delivered by the co-op and the energy their system returns to the Cooperative. Members also often ask how to calculate their overall usage.

This document explains how to calculate these numbers. The data needed may be found on your electric meter or on the solar system inverter. Depending on your system, the data may be gathered online or on the system itself.

Here is the data and calculations you need to follow:

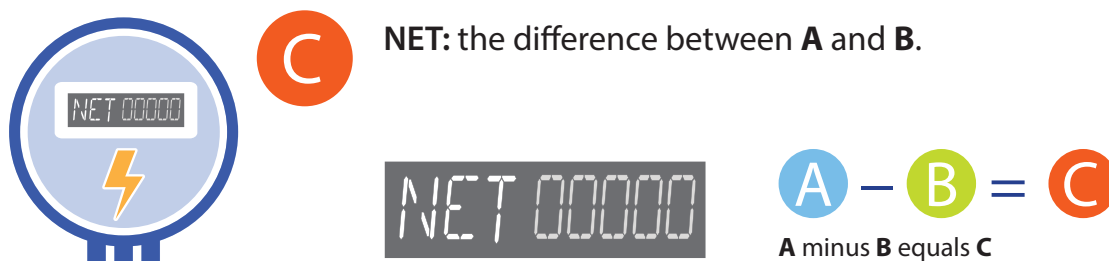
Data from the Cooperative's meter



- A running total
- Always positive
- Always higher

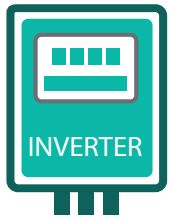


- A running total
- Always positive
- Always higher



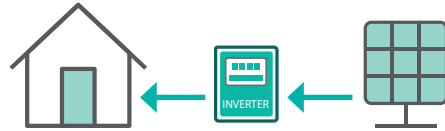
- A running tally
- Can be positive
- Can be negative

Data from the Member's panels



D

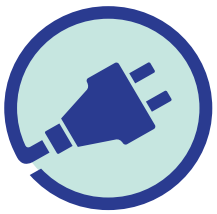
INVERTER: power from panels before entering the home



energy created by your solar panels

energy production readings can be found here or on the on-line website provided by your installer.

Calculating Your Usage



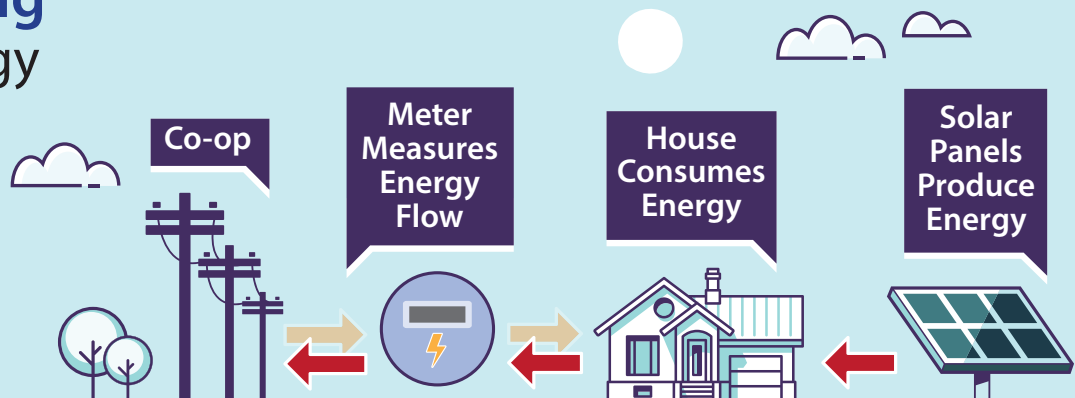
E

USAGE: the amount of energy that your home used

$$A + D - B = E$$

A plus D minus B equals E

Net Metering Flow of Energy



Net Metering Data Worksheet

1.
Find the power delivered (A) from the co-op to you (located on your meter). Write this under DEL.

2.
Determine power received (B) by the Co-op from you. Write this under REC.

3.
Subtract A - B. This is your Net (C). The number can be positive or negative.

4.
Determine the power created by your solar panels (located online or on your inverter) and write this under Inverter (D).

5.
Determine energy you used by calculating A plus D minus B. Write this under Usage (E).

Usage can be totaled in Column E.

Days of the month	DEL (A)	REC (B)	NET (C)	INVERTER (D)	USAGE (E)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
TOTAL					