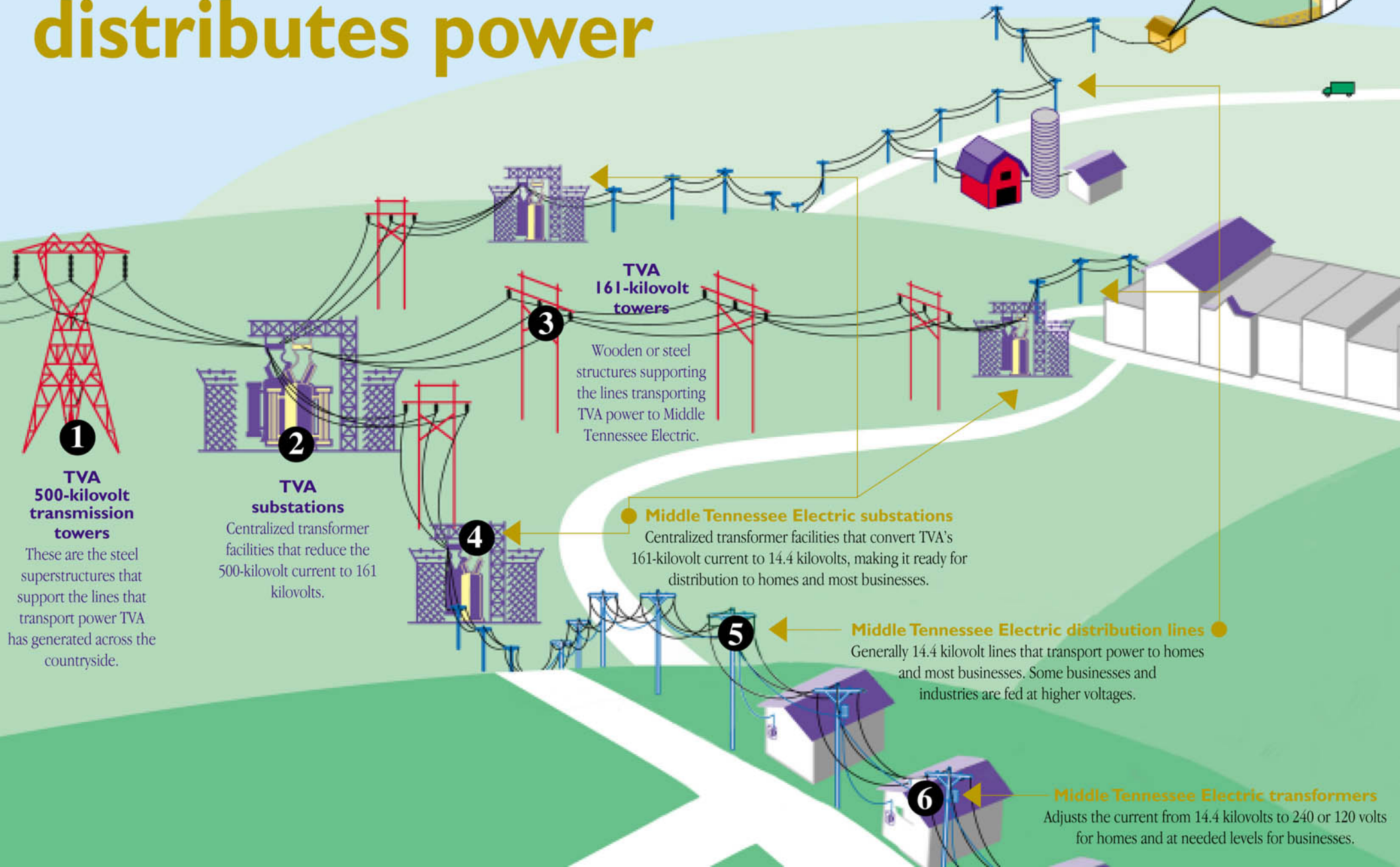
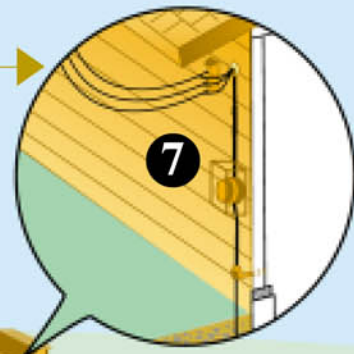


How Middle Tennessee Electric distributes power

Middle Tennessee Electric service connections

Where MTEMC power reaches your home or business with a meter usually in close proximity.



1

TVA 500-kilovolt transmission towers

These are the steel superstructures that support the lines that transport power TVA has generated across the countryside.

2

TVA substations

Centralized transformer facilities that reduce the 500-kilovolt current to 161 kilovolts.

3

TVA 161-kilovolt towers

Wooden or steel structures supporting the lines transporting TVA power to Middle Tennessee Electric.

4

Middle Tennessee Electric substations

Centralized transformer facilities that convert TVA's 161-kilovolt current to 14.4 kilovolts, making it ready for distribution to homes and most businesses.

5

Middle Tennessee Electric distribution lines

Generally 14.4 kilovolt lines that transport power to homes and most businesses. Some businesses and industries are fed at higher voltages.

6

Middle Tennessee Electric transformers

Adjusts the current from 14.4 kilovolts to 240 or 120 volts for homes and at needed levels for businesses.