



# Questions from Rate Advisory Committee Meetings



**Question asked by:** Michael Kennick

**Date question asked:** June 10, 2021

**General**  
(CPS Energy & Industry)

**Date question answered:** October 18, 2021

**Question:** Back on CPS slide 31, it showed how much more energy we are using here in Texas versus some of the other states, I'm just curious to dig a little bit deeper into the some of those numbers as to why it's so much higher, is it mostly weather, is it because we are not efficient, is it because we have a lot more industry?

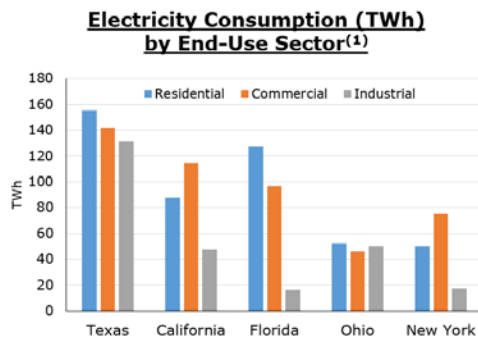
**Answer:**

Total energy usage by state is generally correlated to population size, land mass and weather, with weather being the most impactful drive of electric use.

- The most populated states are California (40M), Texas (29M), Florida (21M) and New York (19).
- Texas and California are ranked 2<sup>nd</sup> and 3<sup>rd</sup> by total square miles.
- Hot / humid climates like San Antonio tend to use electricity for cooling and have higher electric usage all year.
- Cooler climates tend to use natural gas, propane, or oil for heating and have lower electric usage all year.

Texas is unique in that industrial electricity use is roughly equivalent to the total combined industrial use in California, Florida, Ohio, and New York (see graphic below).

## ELECTRICITY USAGE – TOP STATES



(1) Source: Electric Information Administration (EIA)

- Residential is the highest-use sector in Texas and Florida, which also have the highest mean temperatures
- Texas' industrial electricity use is the same as the other four states combined