

ADVANCED METERS SERVE YOU BETTER

Advanced meters improve **efficiency**
and **reliability** for our members.



Your Touchstone Energy® Cooperative

Looking Out For You

United Power Uses Advanced Metering Technology

United Power's advanced metering system helps us operate more efficiently, improve reliability, and serve you better.

Your Safety, Security & Privacy is our Top Priority

- Advanced meters **CANNOT** track and record individual appliance usage; the meter records whole-house usage just like your existing meter.
- Advanced meters **DO NOT** transmit "personally identifiable information" like account numbers, bank information or social security numbers over the network.
- United Power **WILL NOT** provide contact information or energy use data of its members to any other person/organization for commercial or marketing purposes.

Can Not

Do Not

Will Not

RF Comparison of Advanced Meter to Other Commonly Used Devices

The use of radio frequencies (RF) in consumer products such as cellular phones and wireless routers has increased considerably over the past decade, and continues to increase. Although Advanced Meters utilize RF technology, they present significantly lower RF exposure for consumers than many other products that are used daily without concern.

In the US, the FCC establishes the requirements for use of the RF spectrum and acceptable exposure limits for the public. The

Elster Advanced Meters being installed by United Power comply with and exceed these requirements, as well as international requirements set by global bodies. Typical exposures from Elster Meters are well below the most conservative limits.

Advanced Meters send information about electricity use to utilities by RF signals. The exposure from these meters is much lower than other common sources for two reasons: 1) infrequent signal transmission, and 2) distance from the source.

Typical Values*

Smart Meter
900 MHz radio



Baby Monitor
7 x greater



Wii Remote Controller
30 x greater



Nintendo DS with WiFi
180 x greater



WiFi Access Point
400 x greater



Cordless Phone
1,000 x greater



Cell Phone
1,000 - 10,000 x greater



* Based on FCC 47CFR1.1310, which averages exposure over 30 minutes of usage. Comparative data provided by Elster.