

# SMART METER SAFETY

At OPPD, customer safety comes first. The new smart meters have built-in safety features. As part of your energy future, this new meter not only provides better service and energy tools, but also helps protect your home.

## Designed With Safety In Mind

- Heat-Resistant Materials – made with durable, flame-resistant components.
- Rigorous Testing – Every meter is UL-certified and tested against national electrical safety standards.
- Continuous Monitoring – the meter can detect unusual voltage or temperature levels, helping prevent potential issues before they occur.
- Remote Shutoff Capability – most meters allow OPPD to safely disconnect power remotely in emergency situations, to isolate electrical hazards for first responders.



## SAFETY TESTING AND STANDARDS

Our meters have been thoroughly tested by several independent parties to make sure they meet and exceed design, function, and safety requirements. These tests cover heat resistance, surge resistance, accuracy, and radiated emissions to ensure safe operation in every environment.

One of the key certifications for fire safety is the UL 2735 certification for electric meters.

# SMART METER SAFETY (continued)

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Under sections 12.1, 12.2, 16.1, and 16.2 of the UL 2735 certification for advanced meters, our meter components are tested for heat resistance, longevity, and fail-safe functionality in the event of an electrical fault.

Meter components—from the internal circuit board to the base and cover—are subjected to flame-testing and heat aging testing to verify the materials will not sustain fire when exposed to flame or high temperatures.