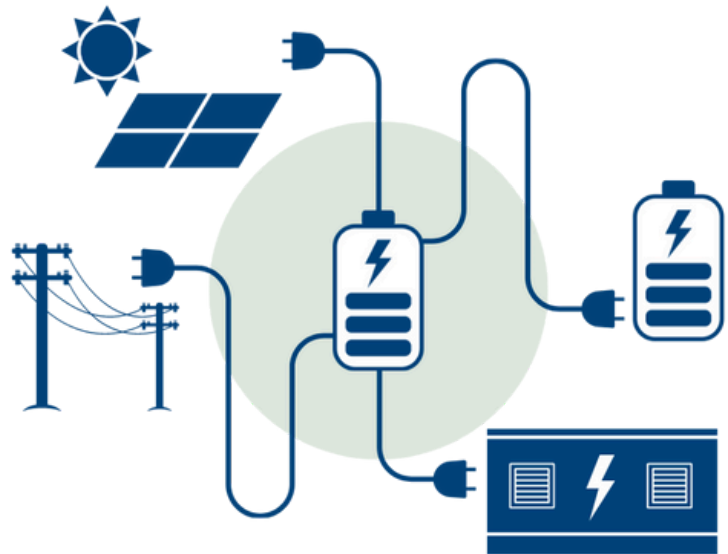




# Battery Storage

## ABOUT THE TECHNOLOGY

Residential batteries used to use deep-cycle lead-acid batteries (like a gas car's 12V battery). Since ~2015, durable, powerful lithium-ion batteries (just like the one in your phone) are quickly growing an entirely new market.



■ Li-Ion    ■ Lead-Acid



Li-ion batteries store more usable energy and can serve more power-hungry devices at comparable cost to older battery technology.

## GET THE FACTS

**Myth:** “The technology isn’t proven”

**FACT:** Residential Li-ion batteries are just larger versions of the ones in smartphones, laptop computers, and tablets. The technology is quite mature and continues to evolve and improve.

**Myth:** “They are too expensive”

**FACT:** Battery costs continue to decline, and more utilities are paying owners for battery services. The Federal tax credit reduces the installation cost. Costs and benefits will vary for every consumer.



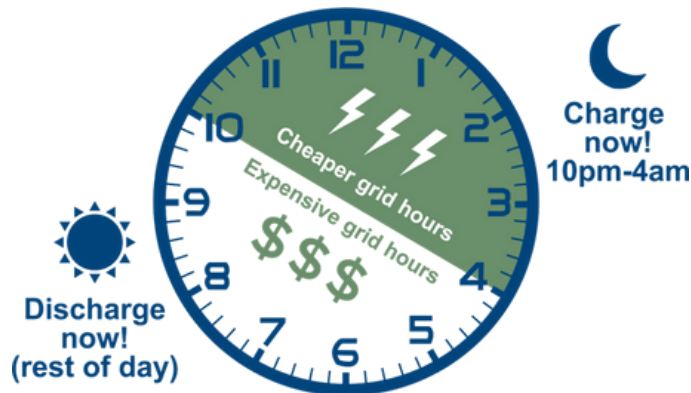
# CONSUMER BENEFITS

Lithium-ion batteries offer twice the amount of energy storage of lead-acid batteries with a smaller footprint in the home.

Prevents losing power to critical devices like medical devices, refrigeration, IT, etc.; powers larger devices for shorter periods.

More and more utilities are paying battery owners to discharge stored energy during peak demand hours.

Can be charged by the grid, on-site generation (solar or generator), or even an electric vehicle's battery.



# INCENTIVES

FEDERAL

30%

Tax Credit for turnkey price of residential battery installation (IRS Form 25D)

# RESOURCES

Go to [readyweet.org](https://readyweet.org) for resource links

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Advanced Ready  
Workforce Southeast