

# THE FUNDAMENTAL POWER OF BATTERIES

Batteries deliver unique, practical advantages to energy systems, driving efficiency, reliability, and flexibility.

01

## Versatile Powerhouse



Batteries multitask—shaving peak demand, avoiding peak charges, shifting energy use, trading power profitably, backing up outages, improving power quality, integrating local renewables or gas generation, and stabilizing grid frequency—all at once.

02

## Local Energy Control



Placed anywhere in the system, batteries manage power close to where it's needed, reducing waste and boosting resilience.

03

## Instant Response



With lightning-fast reaction times, batteries tackle sudden grid changes—smoothing voltage spikes and frequency dips.

04

## Flexible and Scalable



Modular by design, batteries grow to match any need, from homes to large grids.

05

## Rapid Setup



Batteries deploy fast—no lengthy construction delays—delivering value sooner.

## WHY IT MATTERS



**Batteries cut costs**



**Enhance reliability**



**Adapt to modern  
energy demands**