

Building a Resilient Connecticut

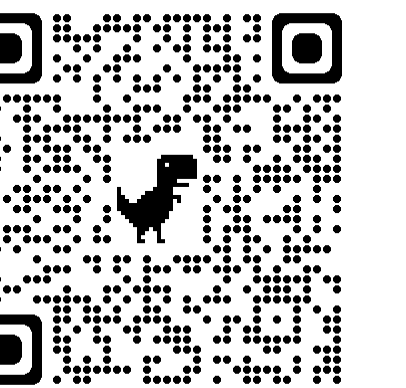
A Critical Need:

The increasing frequency of weather-related power outages, especially long-duration outages from stronger storms, requires solutions that keep all Connecticut residents safe. Battery storage can help strengthen the power grid, provide energy security and equity for homes and businesses, and reduce fossil fuel emissions – the driving force of climate change and severe weather events.

In 2021, After two years of intensive research and planning to address this critical need, Connecticut's Public Utilities Regulatory Authority (PURA) authorized **Energy Storage Solutions**. Beginning on January 1, 2022, the Connecticut Green Bank, Eversource, and UI launched the program, which is overseen by PURA and paid for by ratepayers.



Please scan the code or visit EnergyStorageCT.com to learn more.



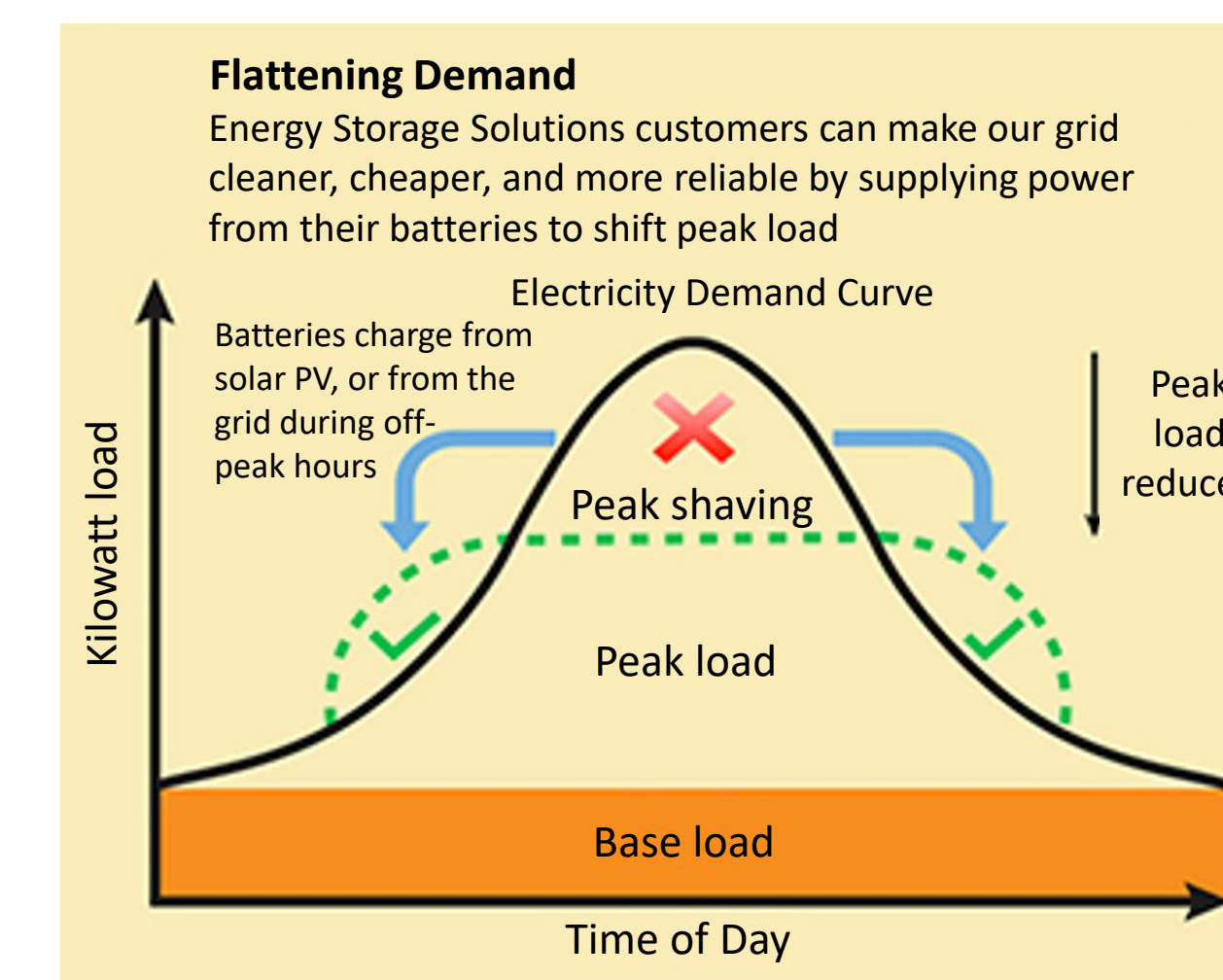
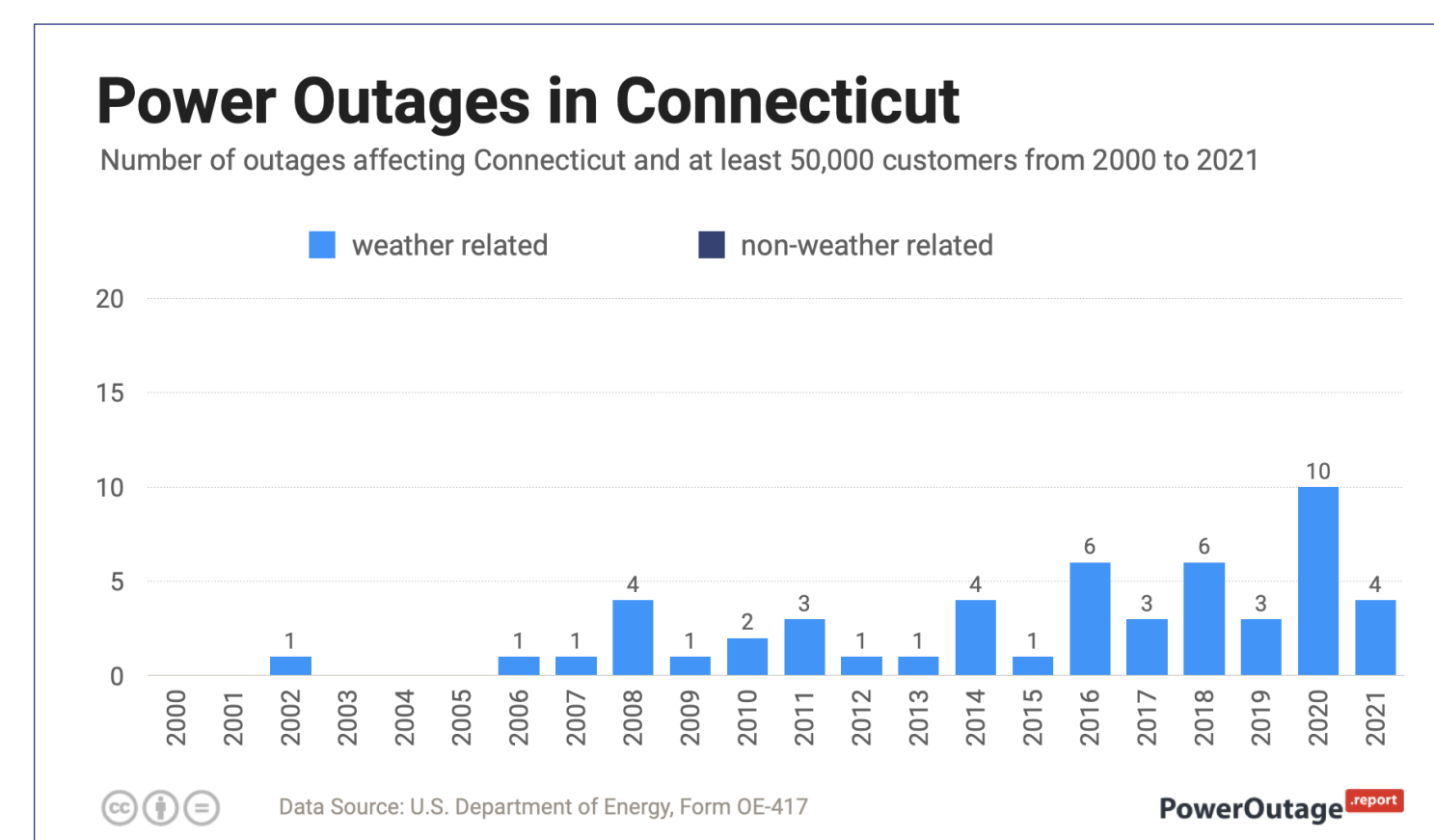
Program Description:

Energy Storage Solutions is an incentive program designed to help Eversource and UI customers install battery storage at their homes or businesses. Battery storage can help customers across Connecticut – from homeowners and small business owners to industrial manufacturers and critical infrastructure facilities – be more secure in the face of our changing climate.

Energy Storage Solutions will help create a more resilient Connecticut, especially for vulnerable communities and those hit hardest by storm-related outages while providing benefits to all ratepayers during blue-sky days by reducing peak electric demand.

Key Program Elements:

- Ensure a net **financial benefit** to electric ratepayers
- Upfront and ongoing (performance-based) **incentives** to participating residential, commercial, and industrial end-use customers
- Improve the overall **resilience** of the participants and the grid
- Deploy no less than 40 percent of residential installations in **vulnerable communities**
- Foster sustainable **economic development** of Connecticut's battery storage industry



How it Works:

Customers participate in **Energy Storage Solutions** by selecting an Eligible Contractor to install a battery system for their home or business. The contractor will install a battery—configured with solar panels or as a standalone system that charges from the grid. On blue-sky days, the utility will dispatch energy from enrolled customers' batteries to help reduce peak demand on the grid. **When batteries dispatch energy derived from less expensive and lower-emissions sources, all ratepayers benefit from reduced costs and emissions.**

Participating customers receive incentives that reduce the upfront cost of the system and additional performance-based incentives paid at the end of each summer and winter season based on how much energy they contribute to the grid.

Upfront incentive: a participant's battery is pre-programmed to discharge up to 80% of its capacity to meet the customer's on-site load during summer weekdays. In exchange for doing this, the total cost of the battery is reduced via an upfront cost reduction.

Performance-based incentive: a participant's battery is called on to discharge up to 100% of its capacity to meet grid demand on especially high-demand days. This is expected to happen 30-60 times every summer and 1-5 times every winter unless the customer opts out of the event (participants opt in or out on an event-to-event basis). High-demand events will override any passive discharge scheduled for that day.



Battery Benefits

Cleaner / Quieter: Unlike generators that run on fossil fuels, batteries are a cleaner, quieter option for powering your home during an outage.

Resilient: With battery storage, you're always ready for a storm without needing to buy or store fossil fuels. Keep your lights on and your refrigerator running without the stress and hassle.

Affordable: With Energy Storage Solutions, it's more affordable than ever to purchase a battery system. Upfront and performance-based incentives allow you to save money at the time of purchase and over the life of your system. Residential customers could receive up to \$7,500 upfront per installation with additional incentives as your system contributes to the utility grid.

