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Cognitive Energy Intelligence (CEI)

Unify "behind-the-meter" data to empower providers and customers

Get started

Overview

The reality

Consumers are investing in products like solar batteries, smart thermostats, and electric vehicles to reduce their energy consumption. But because these systems aren't connected, it's difficult for them to track their total demand and monetize excess energy—or for utility companies to help them meet this need.

Introducing CEI >

Over half
of consumers
say they're interested in monitoring energy usage[1]

81%
of consumers
want their energy provider to play a role in enhancing their new energy product and service journey[1]

[1] Greg Guthridge, "When Energy Hits Home, Will Providers Be Left Out in the Cold?," Ernst & Young, November 29, 2022.

Wipro **Cognitive Energy Intelligence (CEI),** built on the Microsoft Cloud, is an energy platform that unifies data from many "behind-the-meter" products. This gives customers a holistic view of energy consumption, and utility companies a valuable tool (and source of revenue) that empowers customers to improve efficiency and reduce costs.

Here's how it can help ›

What challenge can CEI help you solve?

There hasn't been a way for utilities companies to offer holistic energy-efficiency customer solutions

Give utilities companies an opportunity to enter the marketplace through a platform that unifies data from all behind-the-meter products.

Learn more ›

Customers find it difficult to track their total demand and monetize excess energy from multiple devices

Offer consumers a unified view into their energy consumption, so they can improve efficiency and reduce costs.

Learn more ›

Meet Tomiko

Director of Product Management

Challenge

There hasn't been a way for utility companies to offer holistic, energy-efficient customer solutions

Tomiko knows that many consumers have purchased behind-the-meter products like smart thermometers and smart plugs to increase energy efficiency, but she hasn't found a solution that enables her company to give customers insight into their total usage.

What's the insight? ›

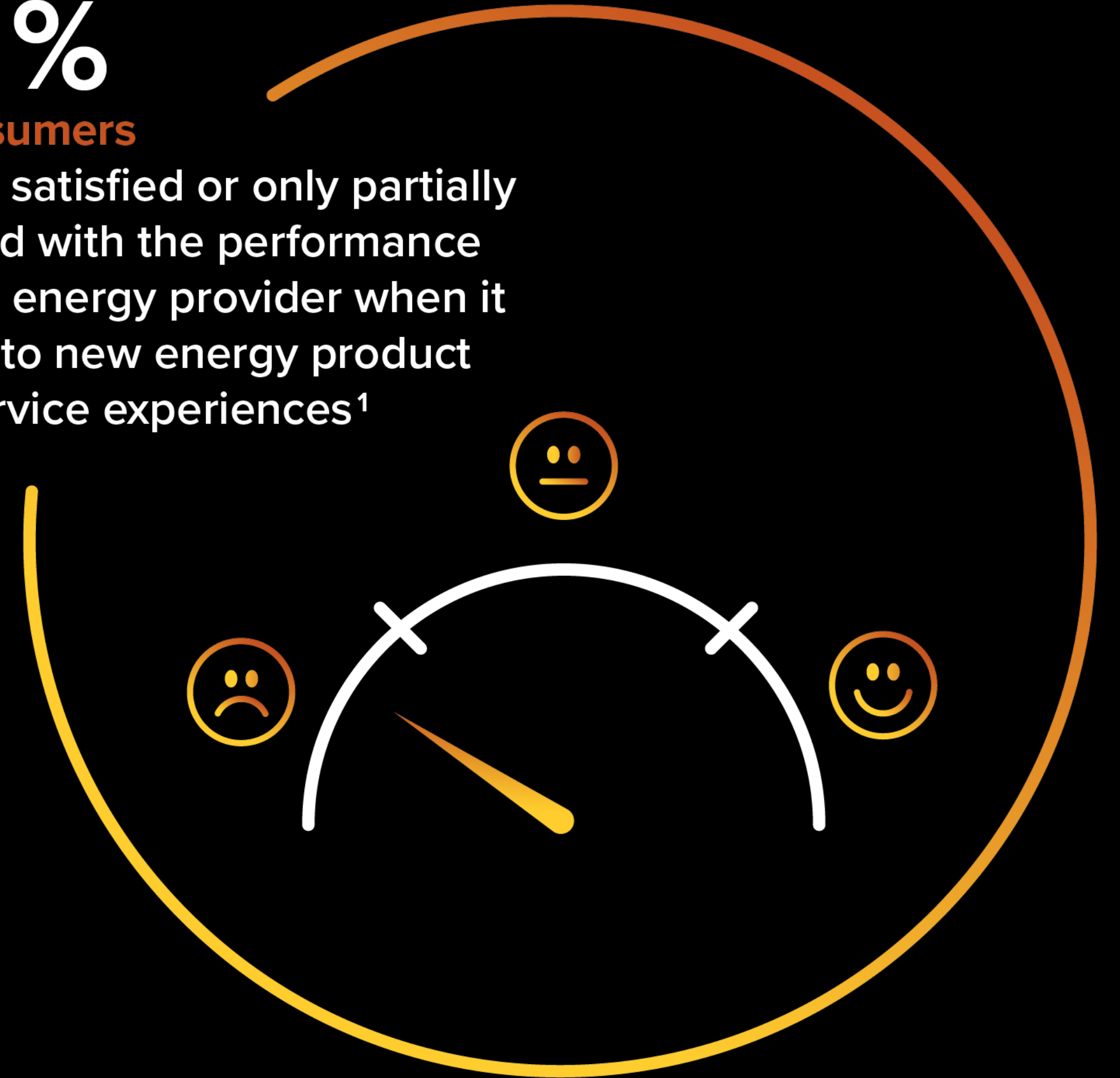● —————— ○ —————— ○

Challenge   Insight   Solution

Unifying data from behind-the-meter products helps utility companies empower customers to improve efficiency and reduce costs

See the solution >

72%
of consumers
are not satisfied or only partially satisfied with the performance of their energy provider when it comes to new energy product and service experiences[1]
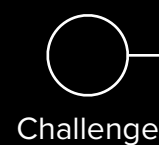
Challenge — Insight — Solution

Solution

CEI gives customers a holistic view of energy consumption, and utility companies a new source of revenue

By connecting all devices to offer customers a single view of their energy production and demand, this platform allows Tomiko to provide new services that are a huge value-add for customers—like consumption benchmarking, energy optimization, demand management, virtual power plants, and more, all utilizing customer data. CEI also empowers her team to operate more sustainably.

See another use case

Meet David

The sustainability-focused consumer

Challenge

Customers find it difficult to track their total demand and monetize excess energy from multiple devices

David has purchased a smart thermostat and electric car to reduce his carbon footprint, but because the systems aren't connected, he doesn't have insight into his total energy use and savings.

What's the insight? >

Challenge ———— Insight ———— Solution
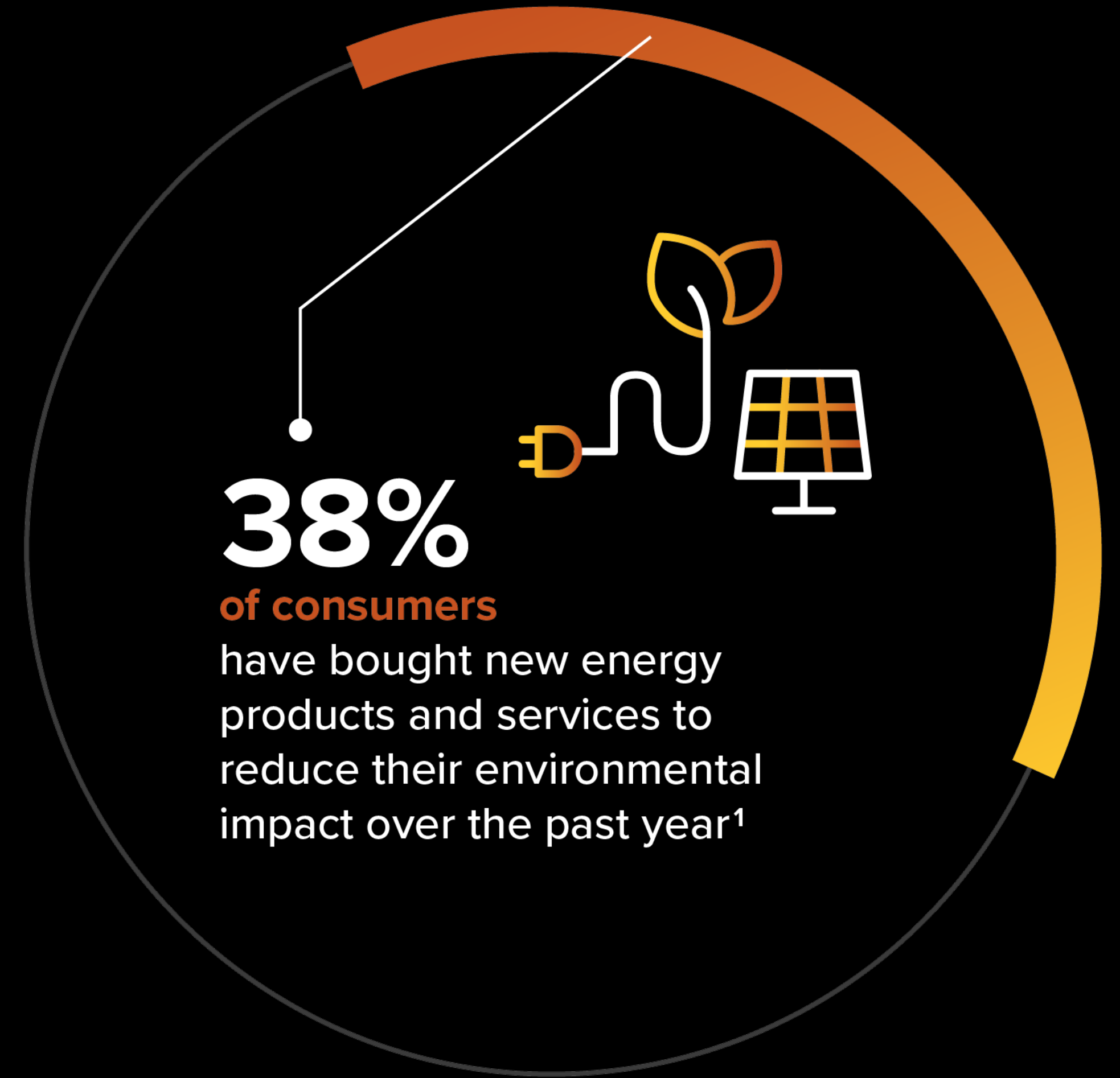
Giving consumers a holistic view into their energy consumption lets them play an active role in improving efficiency and reducing their energy bills

See the solution >

38%
of consumers
have bought new energy products and services to reduce their environmental impact over the past year[1]

Challenge   **Insight**   Solution

Solution

CEI unifies data from behind-the-meter products and gives customers a holistic view into their energy consumption

Now, David can leverage automated AI-driven energy optimizations to decide when to generate, store, consume, and monetize energy. He also has access to services through his utility provider that let him take advantage of savings through peer-to-peer trading, virtual power plants, consumption benchmarking, and more.

See another use case

Challenge — Insight — **Solution**