

Building the Sustainable American Neighborhood



The time for action is now. To achieve more resilient and sustainable neighborhood communities, we must reframe our thoughts around energy. How can we use energy more efficiently and sustainably? The answer is through electrification and digitization.

KB Home's energy-efficient homes avoid

6.3B

pounds of carbon emissions.

Many companies have sustainability ambitions, but they don't know how to turn them into action. Schneider Electric™ is a strategic advisor for companies big and small — like national homebuilder KB Home — helping them navigate the business environment to make tangible progress toward their sustainability commitments today, bringing us all one step closer to a more digital, more electric tomorrow.

“This community microgrid is changing the way homes work together. The system gives residents reliable power and resilience — while advancing decarbonization.”

— **Jacob Atalla**, Vice President of Innovation and Sustainability, KB Home, Schneider Electric Sustainability Impact Award Winner, Impact Maker



Creating the First Neighborhood Microgrid in California

We're proud to recognize Jacob Atalla, Vice President of Innovation and Sustainability at KB Home, as a Schneider Impact Maker. Thanks to his efforts, the company has been advancing the vision of an energy-efficient, decarbonized home. Now, it's built a first-of-its-kind sustainable neighborhood in partnership with Schneider Electric, the U.S. Department of Energy, and other partners.

Each house features energy-smart technologies, including rooftop solar, electric vehicle chargers, and battery storage.

What's more, every home's battery interacts digitally with a central “community” battery. This approach, where individual batteries work together with a central battery, forms the basis for a neighborhood microgrid, providing residents with days of backup power, carbon emission reductions, and 40 – 50% efficiency gains.

Making a Positive Impact

Impact Makers, like Atalla, are leaders who turn sustainability ambitions into action at the intersection of technology and decarbonization. These actions impact our daily lives and shape our energy future — secure, efficient, and reliable — for generations to come.

Let your impact do the talking.



Apply to become an Impact Maker

Life Is On

Schneider
Electric