



ARCXIS Success Stories: KB Home

Peace of Mind with a Microgrid



RESALE VALUES
Increased By **\$35,639+**
Per Home

TOTAL ANNUAL
Electric Bill as Low as **\$160**
Per Home

ELECTRICITY BILL
Savings of **\$74,400+**
over 30 years



"The microgrid provides us peace of mind when it comes to being prepared for extreme heat, power outages, or possible weather events."

"Our first electrical bill was \$30, and that was before the solar panels had been hooked up."

"The home was shockingly affordable for Southern California."

OVER **312 TONS OF CO2**
emissions averted.

Equivalent to planting **5,173 trees**
and letting them grow for 10+ years! **

OVER **62,910 GALLONS OF WATER**
saved per home, per year.
Enough water for over **4,839 loads** of laundry! ***

How ARCXIS Helped KB Home Give Customers Peace of Mind With Microgrids in Menifee, CA.

KB Home is one of America's leading energy-efficient homebuilders. They were the first builder to commit to building 100% of their homes to meet ENERGY STAR standards and they were recently selected for inclusion in Fortune Magazine's "Change the World" List. KB is once again in the headlines with the debut of their microgrid communities, Durango and Oak Shade, in Menifee, California.

ARCXIS has partnered with KB for 10+ years, recommending energy efficient features and providing design optimization, energy modeling, rating services, and training to ensure KB meets the DOE's stringent Zero Energy Ready Home criteria (which includes ENERGY STAR, WaterSense, and Indoor airPLUS). ARCXIS also provides mechanical engineering services and third party quality assurance inspections to KB, helping them build the very best homes possible.

All 219 microgrid homes are equipped with solar, a backup battery, and community microgrid connectivity, providing a self-contained power system that can operate independently if the grid fails. As Thomas Cochran, ARCXIS' SVP of National Business Development, explains, "With increasing stress on our aging infrastructure, blackouts are becoming a real concern for homebuyers. KB's microgrid communities leverage industry leading features to address this threat head-on. Not only do these homes deliver phenomenal energy savings combined with tremendous value and quality, but they also deliver peace of mind for the families living in them, which is priceless."

"At KB we are committed to not just building a better home, but building a better future. Our microgrid communities seamlessly marry cutting edge technology with quality, practicality, and peace of mind. ARCXIS played an integral role in helping bring our vision of energy resiliency and water conservation to life!"

— Jacob Atalla, VP, Innovation & Sustainability, KB Home

ARCXIS is the nation's leading engineering and inspections firm, touching 1 in every 7 new homes, and operating in over 28 states. We provide builders - through the full Arc of the construction process - with services aligned around the Axis of helping build better quality homes, more quickly, at lower cost, and with less risk.



Scan the QR Code for easy 24/7 access
from any device to learn more about what
ARCXIS can do for you today!



SCAN ME

* Average HERS score and HERS H2O score per home for both communities

** Based on data provided by the EPA Greenhouse Gas Equivalencies Calculator for Annual CO2 emissions averted by both communities

*** Based on data provided by the EPA WaterSense program