Graphene Batteries and Solar Wipe Out $466,000 in Super-Peak Demand Charges for California Food Distributor

24/7 cold storage and packaged food distribution operation eliminates a punitive 4-9 p.m. utility surcharge through a zero-capital Energy-as-a-Service model.



ONSITE Platform: No CapEx. No Debt. No Upfront Cost. Upgraded Facility Mechanicals.

LOS ANGELES, CA, UNITED STATES, September 21, 2026 / EINPresswire.com/ -- ONSITE Utility Services announced that a California grocery-store food distributor has completely eliminated $466,452 in annual Super-Peak demand charges by pairing solar generation with graphene battery storage, funded with zero capital investment through ONSITE's Energy-as-a-Service (EaaS) platform.

As a 24/7 cold storage and packaged food distribution operation, the company carried substantial electrical demand straight through California utilities' punishing 4-9 p.m. Super-Peak window, on top of standard demand charges. Food distribution is a capital-intensive business with heavy inventory requirements, leaving the company with no CapEx budget and no appetite to take on debt, even as electric rates climbed 3-5% annually.

> “Super-Peak pricing is designed to change behavior. Storage is how a 24/7 cold-storage operation changes it without going dark. Turn your worst utility charge into a line item that no longer exists.”
>
> *Fritz Kreiss, Founder and CEO*

ONSITE and its contractor reviewed 12 months of electric bills and interval data to properly size a solar-plus-graphene-battery system to offset demand during the full five-hour Super-Peak period.

The results eliminated the Super-Peak charge entirely. Total annual electricity cost fell from $2,602,910 to $2,136,458. The $3,011,961 net project cost, after rebates and the Investment Tax Credit, was funded 100% by ONSITE under a 20-year EaaS service term, so the client's capital

requirement was zero.
Key Results:

- $466,452 in annual Super-Peak demand charges eliminated — completely
- Total annual electricity cost cut from $2,602,910 to $2,136,458
- $11,894 in monthly savings retained by the client
- $2,843,727 in projected net savings over the 20-year service term

About ONSITE Utility Services
ONSITE Utility Services designs, funds, and implements energy efficiency and infrastructure upgrades for commercial, industrial, healthcare, and municipal facilities nationwide. Through its Energy-as-a-Service (EaaS) platform, ONSITE provides 100% of the capital, equipment, installation, and maintenance for qualifying projects, at zero capital cost and zero debt to the client. Customers pay a single, predictable monthly service fee that is lower than their prior combined energy and maintenance costs, and retain 100% of the ongoing savings once the service term ends. Learn more at www.onsiteutilityservices.com.

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