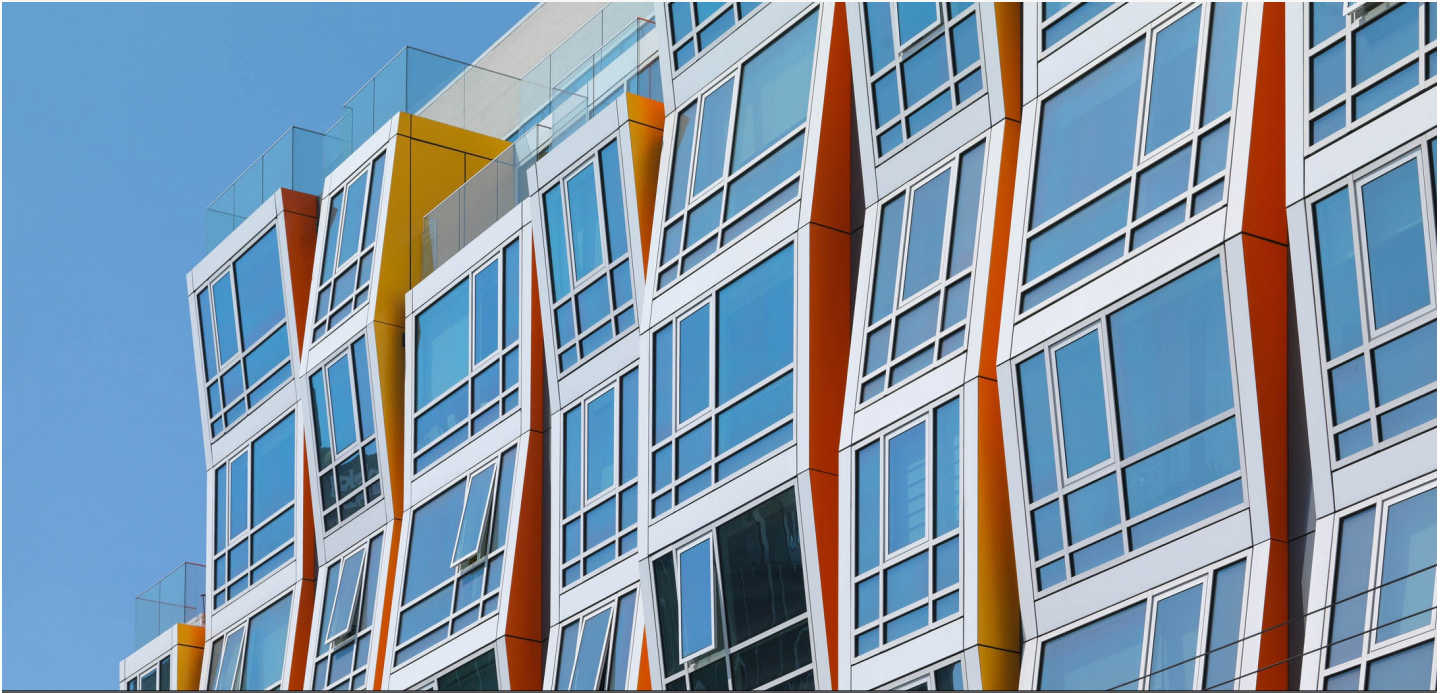




News

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DLR Group Solar Array at Levi's Stadium Ready for Prime Time

DLR Group's newest onsite renewable solar power system at an NFL stadium debuts Sunday, Sept. 14, when the San Francisco 49ers take on the Chicago Bears at the new Levi's Stadium in Santa Clara, Calif. The project consists of two distinct onsite renewable solar systems, the [NRG Solar Terrace](#) and [NRG Energy Bridges](#).

The NRG Solar Terrace sits atop Levi's Stadium's unique suite tower. The roof of the suite tower is a premium club with bar service, a lounge area, and a green roof garden for 49ers ticket-holders. DLR Group's design for the NRG Solar Terrace uses 544 photo-voltaic panels to cover the premium club to provide shading and protection from the elements. Three NRG Energy Bridges provide fans access by connecting the main parking lot to the stadium. The bridges contain 642 solar panels and combine with the NRG Solar Terrace array to produce 515 MWhs of energy annually, enough to offset the energy used during the 49ers' 10 home games each season.

"The solar design at Levi's Stadium provides shading and enhanced amenities for fans, and branding opportunities and solar power production for NRG," said [DLR Group National Engineering Leader Dan Munn, PE](#). "Dynamic on-site renewable systems can be incorporated into the architecture of both existing building and new construction. This is the next step toward a future of clean, sustainable energy. Solar arrays like these are visible, tangible examples of the viability of renewables and illustrate how the design community must champion the activation of sustainable energy in pursuit of Architecture 2030 benchmarks."

In addition to Levi's Stadium, DLR Group has partnered with Fortune 250 energy company NRG Energy to design a series of renewable solar systems on football stadiums at five NFL venues: [FedExField](#) in Landover, Md., [Patriot's Place](#) at Gillette Stadium in Foxborough, Mass., Lincoln Financial Field in Philadelphia, Pa., and [MetLife Stadium](#) in East Rutherford, N.J.; and work is underway on a solar design at [NRG Park](#), home of the Houston Texans.

The design program for NRG showcases, on very public venues, that solar design can manifest itself as more than panels attached to a roof or a simple panel farm in a rural area. These systems integrate solar panels and innovative LED lighting to deliver design that complements and elevates the existing architecture of a facility.

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