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The Power Santa Clara Valley Project (also known as the Metcalf - San Jose B HVDC Project) is a reliability-driven project that will strengthen the electrical grid in central San Jos? by providing a strong, new source to the area. The project will support economic development and provide better access to cost effective, renewable energy to meet the needs of residents and businesses. The project is located in Santa Clara County, California and is anticipated to enter into service in 2028.

The project includes two new high voltage direct current (HVDC) terminals, which provide the ability to control power flows. The Skyline terminal will include a 115 kV alternating current (AC) gas-insulated switchgear (GIS) switchyard and will interconnect to the existing San Jose B substation. The Grove terminal will include a 500 kV AC GIS switchyard and will interconnect to the existing Metcalf substation via a new approximately one mile 500 kV underground transmission line. A new approximately 13 mile ?320 kV HVDC underground transmission line will connect the two terminals.

Construction is planned to begin in early-2026 after necessary permits, agreements and land rights are received. The construction phase of the project is anticipated to be approximately 2 years in duration, concluding with the energization and testing of the new project facilities.

The California Independent System Operator ("CAISO") today announced that it has selected LS Power Grid California, LLC, to finance, construct, own, operate and maintain two new projects to support electric reliability in California: the Newark - Northern Receiving Station HVDC Project ("Newark Project") and the Metcalf - San Jose B HVDC Project ("Metcalf Project").

"LS Power is pleased to be selected in CAISO's competitive processes to improve the reliability of the power grid in the San Jose area," said Paul Thessen, President of LS Power Development. "The projects will employ some of the most advanced grid technologies to reliably serve San Jose's growing electric load and support California's energy transition."

The Newark Project and Metcalf Project were planned by CAISO to reinforce the electrical grid in and around San Jose, enhance reliability, and increase access to cost-effective, renewable electricity. Each project provides a new high voltage source to the San Jose area with the ability to control power flows via high-voltage direct current (HVDC) converter stations connected to existing substations in the area. The projects are pre-planned for future expansions that can facilitate enhanced power control on the California grid to reliably accommodate future growth.

"LS Power thanks CAISO for its efforts in conducting a thorough, competitive process to achieve cost-efficient transmission solutions to the benefit of electric consumers," Thessen said. "Our team looks forward to collaborating with CAISO, the California Public Utilities Commission, and local communities in



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advancing these projects together."

A proposal to strengthen Santa Clara County's electrical grid could become an environmental hazard and threaten efforts to protect Coyote Valley wildlife from being killed along busy roads south of San Jose.

That's the warning from local environmental advocates, who spoke out at a Wednesday community meeting held by the California Public Utilities Commission to gather input on a new electrical facility on an orchard next to Coyote Creek. The construction could also pose a fire risk to the area.

The project by New York-based energy company LS Power proposes building a terminal for a transmission line connecting a PG& E substation in the area to another station in downtown San Jose -- bolstering the grid's resilience from overload and helping import renewable electricity.

But dozens of speakers voiced concern about the impacts to wildlife, and state officials are concerned with the area's flammability. One of the facility's staging areas falls approximately 3,000 feet from a tier 2 high fire threat district, according to a protest submitted by the California Public Advocate's Office.

"We're concerned that we should be studying this to see if there is an issue or not," Chloe Lukins, an energy infrastructure program manager for the public advocate's office, told San Jos? Spotlight.

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