



SABANA LLANA SUBSTATION

TRANSFORMING PUERTO RICO'S ELECTRICAL GRID

What's Happening

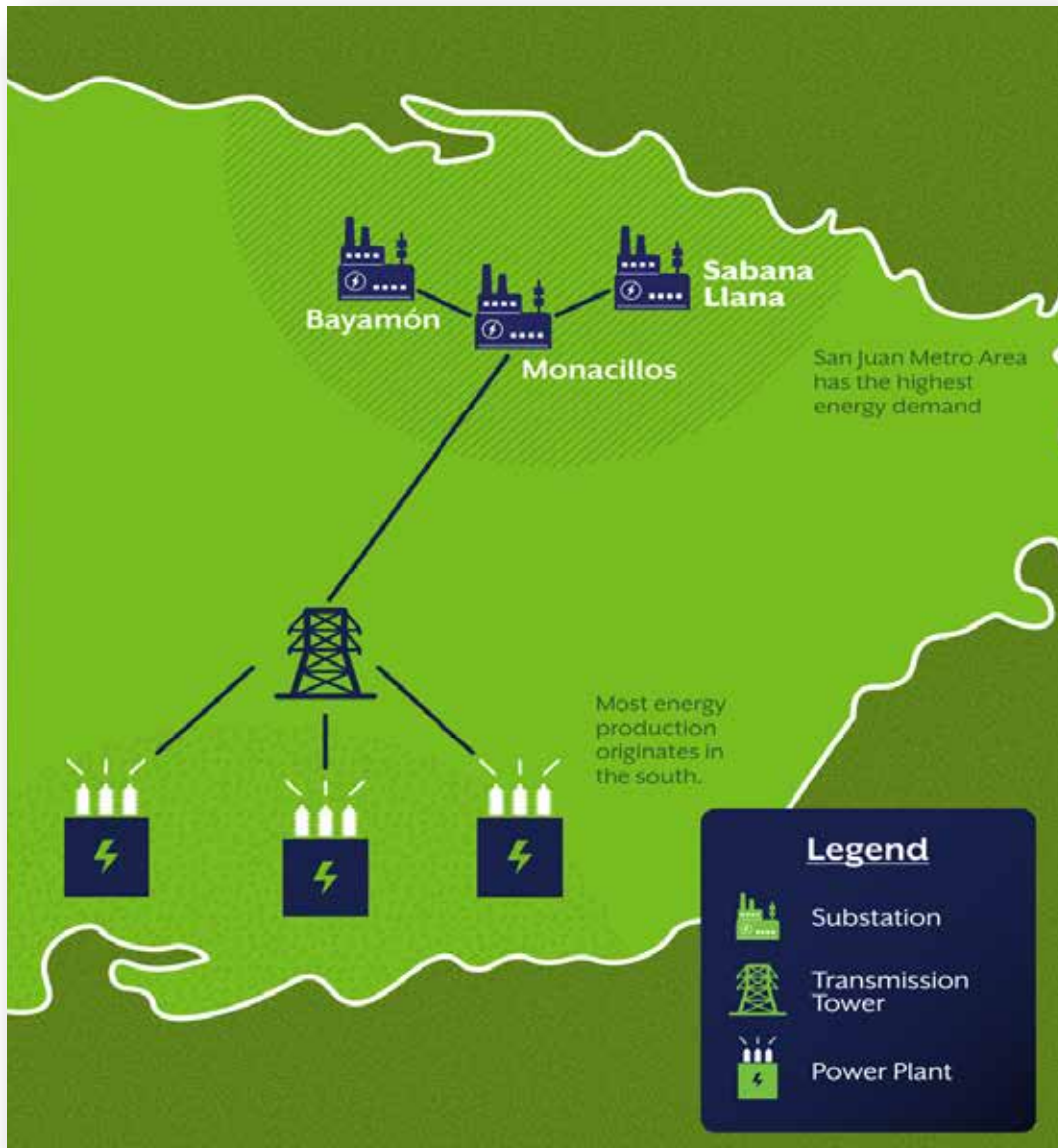
LUMA is installing the **largest transformer in Puerto Rico's history** from the San Juan Dock to the Sabana Llana Substation in San Juan. This new transformer marks a major step forward in strengthening the reliability and resilience of Puerto Rico's electric grid.

Why Sabana Llana Matters

- One of two major transmission centers serving Eastern Puerto Rico.
- A critical hub connecting energy generated in the South with population centers in the East.
- Strengthens grid reliability and stability for over 700,000 customers, with 200,000 directly impacted by this project.

Project Significance

- This initiative is **fully funded by FEMA** through an investment of approximately \$21 million: **No impact on customer bills.**
- **Stabilizes the grid:** Replaces a failed transformer that has been offline since 2019.
- **Restores redundancy:** Returns the substation to its original dual-transformer configuration.
- **Reduces outages:** Improves reliability and resilience for customers across the region.



Transformer Highlights

- **Manufacturer:** Hitachi
- **Size:** Taller than a two-story building
- **Weight:** Nearly 250 tons (comparable to a passenger airplane)
- **Insulating Liquid:** ~30,000 gallons (enough to fill a full-size oil truck)
- **Timeline:** Expected to be fully connected to the grid by early 2026



Investing in Puerto Rico's Future

More than half of Puerto Rico's substation transformers have exceeded their useful life. Replacing them is essential to ensuring a modern, stable, and resilient electric system for decades to come.

- Over 50 new transformers are scheduled for delivery through 2026 as part of LUMA's grid modernization plan.
- The Sabana Llana transformer is the **first of many** upgrades to critical substations across the island.
- **Monacillos Substation** will also receive two new transformers by the end of the month, restoring its full operational capacity for the first time in 40 years.

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