



Ground-Level Distribution System (GLDS)

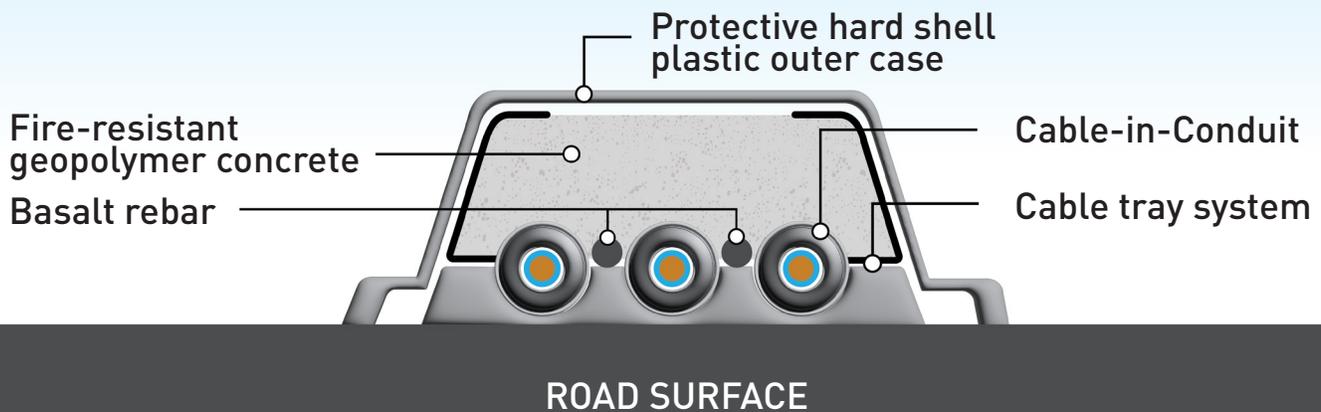
We are moving thousands of miles of powerlines underground in the highest fire-risk areas to keep customers and communities safe. As a complement to our traditional undergrounding efforts, we are piloting a new technology called a Ground-Level Distribution System (GLDS).

What is GLDS?

GLDS is an alternative method to traditional undergrounding. With GLDS, electric lines are placed in a protective case at or slightly below ground instead of underground. The case is made of fire-retardant geopolymer concrete and has about the same strength of reinforced concrete.

This approach greatly improves wildfire safety while avoiding much of the digging needed in traditional undergrounding projects. Once completed, the case is safe to drive or walk over for pedestrians and vehicles.

Ground Level Distribution System (GLDS)



Learn more about all of our undergrounding efforts at [pge.com/undergrounding](https://www.pge.com/undergrounding).

GLDS Installation

1

GLDS Cable Tray System Installation



2

Geopolymer Concrete Pouring into Tray System



3

Cover Installation Over Tray System



Benefits of GLDS

- ✓ Construction is less disruptive and can be completed more quickly than traditional undergrounding.
- ✓ Useful in rugged/rough terrains, including those with water crossings or cultural sensitivities.
- ✓ Can be cheaper to install than traditional undergrounding in areas with hard rock or other environmental challenges.

Road Safety

GLDS is designed with road safety in mind.

- Installed GLDS can withstand impacts from heavy equipment, including the vehicles of first responders.
- The outer cover is painted and signage is placed to mark the presence of electric equipment for safety. This helps to prevent dig ins and accidental damage.



For translation support in 240+ languages, call PG&E at **1-866-743-6589**.
To receive communications in large print or Braille, call **1-800-743-5000**.

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 **Questions?**

Contact the PG&E Undergrounding Team at **1-877-265-1399** or email at **wildfiresafety@pge.com**.