

Remote Grid

[MUSIC PLAYING] We're here in Mariposa County at the Briceburg remote grid site. Remote grids are a 24/7, 365 renewable power source that is sited close to customer meters when those customers are at the end of long distribution lines in high fire risk area.

This is the first standalone power system that PG&E has commissioned. This is the first one serving customers. We see a lot of opportunity for this to meet customer needs, reduce fire risk, all across northern and central California.

We have worked in conjunction with PG&E to really create a wonderful design and something that is scalable and reproducible for other places similar to this.

We have solar power as the primary generating source. We have battery storage that allows that solar to carry loads at night. And for periods of time when there is high load and the batteries get drained, we have a backup propane generator powering the batteries that can charge it up. We also have controls in electronics and protection elements to make sure that this is safe and highly reliable.

This is really designed to be independent, self-reliant kind of unit, producing everything it needs on site.

This is the first pilot system in which we're proving that this technology can provide highly reliable utility grid power to customers. Once we've proven that, we see opportunities throughout the service territory, whether for hardening projects or rebuilding following the fire to do this as the most cost effective alternative and the lowest risk alternative in hundreds of different places. And as we scale up the program, we hope to make this a standard way that PG&E provides power to customers.

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