



Western Systems

WESTERN SYSTEMS FUEL CELL TECHNOLOGY

Backup Power for Critical Intersections

Why Fuel Cell Power?



Long-Lasting Backup Power for Critical Intersections

- Fuel Cells can provide days to weeks of continuous runtime for evacuation routes, critical intersections/interchanges, and remote locations.
- Fuel Cells can provide unlimited runtime in an outage. As long as hydrogen is available, the fuel cell will continue to make DC power.



Fuel Cells Vs. Batteries & Generators

- Fuel Cells provide days versus hours of runtime.
- Extreme weather temperatures can greatly reduce battery life and capacity.
- Generators are big, noisy, and produce harmful emissions.
- Frequent refueling is needed to keep the portable generators running.



Green Power Generator

- Fuel Cells produce DC power with no combustion. It is a chemical reaction between hydrogen gas and oxygen in the presence of a catalyst. The only by-product is warm/moist air.
- Fuel Cells are certified as zero-emissions power generators by The California Air Resources Board.

**Contact Western Systems
to Learn More**

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