

The BayoTech logo is positioned in the top left corner of a white rectangular box. The word "Bayo" is in black, "Tech" is in green, and a registered trademark symbol (®) is to the right. The background of the entire page is a digital server room with blue lighting and binary code (0s and 1s) floating in the air.

BayoTech®

# RELIABLE, ZERO-EMISSION BACKUP POWER

Keeping your Fuel Cell  
Systems Online

[www.bayotech.us](http://www.bayotech.us)

Making Hydrogen Easy®

# FUEL CELL BACKUP POWER

Dependable backup power to secure networks and guarantee they'll withstand power outages is vital for telecommunications providers. Fuel cell backup systems are the only solution that meets the requirements for securing critical infrastructure reliably with zero emissions.

## KEY BENEFITS

### Noise and Pollutant Free

Hydrogen fuel cells do not emit any harmful gases. Handling and storing hazardous substances like diesel fuel is no longer necessary.

Hydrogen fuel cells are a zero-emission, sustainable power source, with the only byproducts being heat and water.

### Longer Run Time

Fuel cell backup systems operate up to 60% efficiency compared to diesel generators' 30-35% efficiency levels.

Systems operating under real-world conditions have shown continuous runtimes of more than 65 hours and don't lose capacity over time like battery backup systems.

### Scalability

Lightweight, compact fuel cells are ideal for urban applications or rooftop deployment where there are space and weight constraints.

## APPLICATIONS

Backup power for telecommunications networks, data centers, emergency response, and critical government communications.

## BAYOTECH ADVANTAGE

BayoTech strives to ensure our customers have a dependable hydrogen fuel source to keep their systems running. A fuel cell systems' reliability largely depends on access to hydrogen fuel. Because of this, the biggest telecommunications companies in North America rely on BayoTech.



### TRUSTED HYDROGEN PROVIDER

We provide hydrogen to over 1400 fuel cell backup systems throughout the US. When partnering with us, you have a reliable supply of hydrogen.



### EASY REFUELING

We can fuel directly onsite in remote and urban areas with our lightweight towable GTM—direct refueling from the trailer, no additional equipment needed.



### REMOTE MONITORING

Our remote monitoring systems alert us when fuel supplies are running low ensuring that your backup power systems are prepared for any scheduled or unplanned power outage.

# YOUR TRUSTED HYDROGEN SOLUTION PROVIDER

Producing locally on a small scale with our patented technology, BayoTech is making low-cost, low-carbon hydrogen accessible today. A network of BayoGaaS<sup>®</sup> Hydrogen Hubs is being deployed throughout the US. To find a location near you contact us today at [www.bayotech.us](http://www.bayotech.us).

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