



# Fire at a South Korean electric energy storage system

Did a lithium-ion battery explosion paralyze South Korea's online government services?

A fire triggered by a lithium-ion battery explosion on the evening of Sept. 26 has paralyzed a large swathe of South Korea's online government services and provoked urgent remedial action from Seoul.

What happened at a Daejeon data center?

Firefighters move a lithium-ion battery burned in a fire at the National Information Resources Service in Daejeon on Saturday. (Yonhap) A battery fire in the backup power system at a key government data center is raising concerns over the country's push to expand battery-based energy storage.

Why does the Incheon battery fire?

According to research on fires caused by lithium-ion batteries, most such fires occur when the battery is being charged. But that's obviously not the reason for the Incheon case. It can also be caused by product defects or other factors.

What happened at the NIRS data center in Daejeon?

On September 26, 2025, a fire broke out at the National Information Resources Service (NIRS) data center in Daejeon, South Korea. What began as a maintenance task turned into a national crisis when a lithium-ion battery exploded and triggered a fire that shut down 647 government digital services.

ESS device that was installed in 2018. The facility had 3.4 MW of PV generation capacity and 10 MWh of energy storage capacity, of which key cell component.

A major fire at South Korea's national data centre has crippled some government online services and internal networks, prompting a race on Saturday to bring the systems back online and a ...

The latest fire--three years after the 2022 "Kakao blackout" spurred calls for stronger safeguards--has reignited debate over whether Korea's ESS ambitions can advance without ...

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BESS: A stationary energy storage system using battery technology. The focus of the database is on lithium ion technologies, but other battery technology failure incidents are included.

One of the worst battery fire incidents in recent years in Korea occurred in a factory owned by Aricell, a producer of primary lithium batteries. On June 24 th 2024, in Hwaesong, 23 workers died ...



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According to the Incheon Fire Department, Friday, it took more than eight hours to put out the fire that started following an explosion of what appeared to be a Mercedes-Benz EQE model ...

(Yonhap) A battery fire in the backup power system at a key government data center is raising concerns over the country's push to expand battery-based energy storage.

You've probably heard about South Korea's energy storage fire incidents - over 35 reported cases since 2017 according to 2024 data from the Korea Energy Agency.

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