



Distribution map of energy storage lithium battery companies

What is the lithium-ion battery supply chain database?

As part of ongoing efforts to map the battery landscape, NAATBatt International and NREL established the Lithium-Ion Battery Supply Chain Database to identify every company in North America involved in building lithium-ion batteries, from mining to manufacturing to recycling and everything in between.

How many lithium-ion battery companies are there in North America?

As of March 2024, the database now offers a directory of nearly 700 companies and 850 facilities in North America across lithium-ion battery supply chain segments, including mining, material processing, cell and pack manufacturing, research and development, services, end-of-life management, and product distributors.

What is the NAATBatt lithium-ion battery supply chain database?

The NAATBatt Lithium-Ion (li-ion) Battery Supply Chain Database is a directory of companies with facilities in North America representing the li-ion battery supply chain.

How many companies are in the lithium-ion supply chain?

As a result, the database now identifies more than 480 companies and over 560 facilities within North America's lithium-ion supply chain, including mining, material processing, manufacturing, research and development, services, end-of-life management, and product distributors.

What is a lithium-ion battery end of life map?

This "end of life" map generated with data from the Lithium-Ion Battery Supply Chain Database illustrates the significant growth of various lithium-ion battery recycling facility types over one year.

How do companies develop lithium-ion batteries?

Different companies might focus on specific phases of battery development, such as mining or processing raw materials, manufacturing electrodes or cells, and assembling complete battery packs. Currently, U.S. consumers rely on global coordination to maintain a consistent supply of lithium-ion batteries for various applications.

Tesvolt: Specialized in commercial battery storage systems, producing advanced prismatic lithium cells in Europe's first Gigafactory in Wittenberg. Their systems integrate with diverse energy sources, from solar to ...

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America across lithium-ion battery supply chain segments, including mining, material processing, cell and pack ...

The facility, set to become the largest EV battery production investment in the state, will reuse an existing Kmart distribution center, employing up to 2,600 workers. The plant will produce 40 GWh lithium-ion battery cells ...

Raw materials. Raw materials are the lifeblood of lithium-ion battery (LiB) localization. Securing a stable and domestic supply of essential elements such as lithium, cobalt, nickel, graphite, and other critical ...

Many of these companies supply lithium-ion batteries to car manufacturers for hybrids and electric vehicles. The following factors are driving Li-ion battery innovation: ... are among the equipment it produces for ...

This report covers the following energy storage technologies: lithium-ion batteries, lead-acid batteries, pumped-storage hydropower, compressed-air energy storage, redox flow batteries, ...

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