



POWERING THE ENERGY TRANSITION GLOBALLY

With energy consumption on the rise and our climate's time running out, the chance for incremental improvements has passed. We are in need of drastically optimizing the efficiency of existing systems. Let the energy crisis be of yesterday.



MISSION

WHY WE CARE

As global electricity demand surges and infrastructure strains under pressure, the risk of systemic failures continues to grow. The world urgently needs capable, proven players to deliver mission critical solutions that keep the lights on – and the energy flowing.

ASTA is a global leader in copper-based solutions for power generation, transmission, and e-mobility.

With over 210 years of engineering excellence, ASTA's products are embedded in the heart of modern energy systems – powering high-voltage transformers, industrial generators, and the expanding network of data centers driving global electrification.

LET'S BUILD THE FUTURE OF ENERGY – TOGETHER.

WE POWER INNOVATION

CUTTING-EDGE SOLUTIONS

ASTA Group provides solutions for the energy infrastructure. We support our global customers in pushing the limits of their technological capabilities. As an integral part of the energy transition, we promote progress in the core areas:



POWER TRANSMISSION



POWER GENERATION



E-MOBILITY

NEWS & PROJECTS

HOW WE HELP CHANGE THE WORLD



GLEN CANYON

Power for Wyoming, Colorado, Utah, New Mexico and Arizona: After Hoover Dam, Glen Canyon is America's largest hydroelectric power plant and was built in the mid-20th century. Since the generator set-up, ASTA components in the eight power generators provide 1,320 megawatts of power, supplying the population of five states with green electricity.



DOGGER BANK

3.6 gigawatts of electricity for 6 million households: That is the goal of the world's largest offshore wind farm north of Great Britain. ASTA developed components for the Hitachi Energy offshore and onshore transformers that enable the bundled electrical energy of the wind turbines to be transported almost loss-free up to 130 km to shore.



GERMAN SUED LINK

As one of Europe's first electricity highway, the Suedlink will transport green electricity from the north to the industrially strong south of Germany. With the low-loss transmission of high-voltage direct current, up to two gigawatts of power will be delivered over a distance of more than 700 kilometers. ASTA's components will be used in the converter stations along the route and ensure that direct current is converted to alternating current in up to 10 million households for sustainable energy.



2024 IN REVIEW

Producing the crucial technology for sustainable energy solutions, we continue to write a success story that was started in 1814, progressively ramping up our high level growth strategy.

6

SITES

1400

EMPLOYEES

643

NET SALES
MIO €

SOLUTIONS & SERVICES

KNOW HOW ON A MICROMETER LEVEL

Our solutions are in demand whenever maximum performance and efficiency are required, where they guarantee durability, safety and progress.

As a technology leader in the field of insulation, we create first-class quality – to the micron. We develop in lot sizes and manufacture precisely in series.

Precision at a glance using the example of continuously transposed conductors (CTCs).



LOCATIONS

GLOBAL REACH, LOCAL EXECUTION

With a total of six production sites in Austria, Bosnia, Brazil, India and China, ASTA is ideally positioned to provide its global customers with the best possible service for major infrastructure projects and the transition to e-mobility.

AUSTRIA

BOSNIA AND HERZEGOVINA

CHINA

BRAZIL

INDIA



ASTA

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BACK TO TOP

