



INDUX™ Electrical Steel from U. S. Steel

EMPOWERING THE GREEN REVOLUTION WITH ELECTRICAL STEEL

U. S. Steel—a company with a 120+ year legacy of steelmaking—is working toward a more sustainable future. As part of our Best for All® strategy, we’ve created InduX™ steel. Produced at Big River Steel 1 in Osceola, Arkansas, this innovative, ultra-thin steel has been specifically engineered to meet the demands of the growing electric vehicle (EV) market, as well as the power generator and transformer manufacturing industries.

PRODUCT:

Essential to:

- EV motors
- Power generators and transformers



Transforms **electrical power into energy**

Unique magnetic properties = **better motor efficiency = more miles per charge**



SPECIFICATIONS:

Produced at a facility capable of the **thinnest gauges, widest widths, and biggest coils** in the domestic steel market today

Thickness: 0.1 - 0.8 mm (0.004 - 0.03 in)

Width: Up to 1,650 mm (65 in)

Weight: Coils up to 30 metric tons



PRODUCT MARKET:

Big River Steel 1 can produce **200,000 tons** of InduX per year, which is more NGO electrical steel than any other domestic steelmaker

InduX is produced in a plant that is strategically located in **northeast Arkansas** and features:

- Cost-effective transportation
- Supply chain resilience
- A central location to support customers

InduX is being made thinner than currently required by manufacturers, thus positioning it for **future technical requirements**

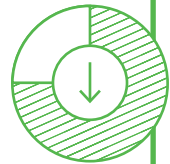
SUSTAINABILITY:

InduX manufacturing process produces up to **70-80% less greenhouse gas emissions** (Scope 1 and Scope 2) than integrated steelmaking

Big River Steel 1 obtains more than **60%** of its electricity from **non-fossil fuel sources**



InduX uses up to **90% scrap steel** as a raw material



Big River Steel 1 is **LEED®** and **ResponsibleSteel™** site certified

