

High-voltage tubular busbar in Democratic Republic of Congo



Overview

The Inga-Shaba EHVDC Intertie (officially: The Inga-Shaba Extra High Voltage D. Intertie; nickname: Inga-Shaba and also referred to as Inga-Kolwezi) is a 1,700 kilometres (1,100 mi)-long high-voltage direct current overhead electric power transmission line in the Democratic. A 1,700 km power transmission link that transmits power from Inga Falls on the Congo River to the copper mining district of Katanga in the Democratic Republic of Congo (DRC). Image. To connect various high voltage (HV) components to the HV system, TE also delivers a wide variety of busbars. Busbars provide a safe HV connection on shorter distances. Aluminium offers strong electrical conductivity at roughly half the weight of copper, with built-in corrosion resistance and full recyclability.



Article Content

Feb 02, 2026

ProMarks, Trafigura sign MoU with Angola govt to develop PPP model

The proposed project will entail building and operating a 2 000 MW high-voltage electricity interconnector, which is a high-voltage direct current transmission line, to take surplus green

May 10, 2026

Plug outlets in Congo, the Democratic Republic of the

Plug outlets in Congo, the Democratic Republic of the A guide to plug outlets in Congo, the Democratic Republic of the including converters, voltages, and power adapters. If you're travelling to Congo, the

Nov 15, 2025

TE Connectivity

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Oct 15, 2025

Africa's longest HVDC link will be powered by Hitachi

With a length of 1,700 kilometers, it is the longest HVDC link in Africa. It also enables the Democratic Republic of Congo to export surplus power to the

May 09, 2026

Democratic Republic of Congo

If the voltage frequency in your country is different from Democratic Republic of Congo (220 V), some devices may not work properly. Check the markings on the device before traveling. Each electrical

Apr 22, 2026

Congo, The Democratic Republic of the

Statistics on the electricity network in Congo, The Democratic Republic of the from OpenStreetMap.

Jul 15, 2025

KOLWEZI – SOLWEZI interconnector in Zambia and the Democratic

Construction of a 148 km long, high-voltage direct current (HVDC) 330kV transmission line to boost the stability of Zambia Electricity Supply Corporation Limited and National Electricity Company networks,

Jul 06, 2025

Symbion signs second agreement for Angola-DRC

US developer Symbion Power has signed an MoU with Democratic Republic of the Congo for a high-voltage transmission line from northern Angola

Mar 19, 2026

Inga-Shaba HVDC

This scheme, equipped from the outset with thyristor valves provided by Swedish subcontractor ASEA, was designed to transmit 560 megawatts, in the first phase, at a symmetrical bipolar voltage of ± 500

Jun 16, 2026

Promarks and Trafigura Sign MoU for Angolan Power Project

The project involves the construction and operation of a 2GW high-voltage electricity interconnector. This high-voltage direct current transmission line will transport surplus green

Jan 07, 2026

Congo-Kinshasa

In the Democratic Republic of the Congo (Congo-Kinshasa), types C and E are the official standards. Since type F plugs are identical to type E plugs,

Oct 22, 2025

Inga-Kolwezi | Hitachi Energy

A 1,700 km power transmission link that transmits power from Inga Falls on the Congo River to the copper mining district of Katanga in the Democratic Republic

Nov 16, 2025

Busbars and Connectors in HV and EHV installations

Outdoor Busbar Installations In high-voltage (HV), extra-high-voltage (EHV), and outdoor medium-voltage (MV) systems, bare busbars and connectors are

Aug 08, 2025

Inga-Kolwezi high-voltage direct current power transmission link ...

Location The link transmits power from the Inga hydropower station on the Congo river to the mining district of Katanga, in the south-east of the Democratic Republic of Congo (DRC).

Jul 13, 2025

Democratic Republic of the Congo

Democratic Republic of the Congo has 76 power plants totalling 3,289 MW and 8,172 km of power lines mapped on OpenStreetMap.

Jul 07, 2025

The electricity supply industry in the Democratic Republic of the Congo

The Democratic Republic of the Congo, formerly known as Zaire, is a nation in which monumental, political and administrative problems have occurred since independence.

Jun 10, 2026

Voltage Stabilizers in Democratic Republic of the Congo

Voltage stability is a critical factor in the efficient and reliable operation of electrical systems. In Democratic Republic of the Congo, where the power supply is often erratic and unreliable, with

Jun 29, 2025

Aluminium Busbars and Tubular Conductors | Hydro

Hydro manufactures extruded aluminium busbars, tubular conductors, and flat wire profiles for OEMs and panel builders. Aluminium offers strong electrical

Feb 09, 2026

ABB wins \$30 million order for HVDC power link upgrade in Africa

ABB has won an order worth more than \$30 million from Société nationale d'électricité (SNEL), the national electricity company of the Democratic Republic of the Congo (DRC) for a partial upgrade of

Jul 14, 2025

Category:High-voltage transmission lines in the Democratic Republic

Pages in category "High-voltage transmission lines in the Democratic Republic of the Congo"

Dec 29, 2025

High-Voltage Busbars

The main functions of the busbar are the safe, short-circuit-free conduction of electrical energy between the drive and charging components and the protection of assembly and workshop personnel from

Jan 08, 2026

Hitachi Energy to secure power supply in Africa's

Hitachi Energy (), a global technology leader that is advancing a sustainable energy future for all, today announced it

Oct 24, 2025

DRC-Angola \$1.5 Billion Power Corridor: Energy Security or

Summary The Democratic Republic of Congo (DRC) has signed a preliminary agreement with Hydro-Link, an affiliate of the U.S.-based Symbion Power, to construct a 1,160-kilometre high-voltage

Apr 13, 2026

Democratic Republic of Congo: EIB Global proceeds with support for high ...

More than 2.5 million people living in the eastern regions of the Democratic Republic of the Congo (DRC) will benefit from faster, cheaper and more reliable digital connectivity thanks to new

Nov 22, 2025

Hitachi Energy to secure power supply in Africa's longest HVDC link

With a length of 1,700 kilometers, it is the longest HVDC link in Africa. It also enables the Democratic Republic of Congo to export surplus power to the member countries of the Southern African Power

May 16, 2026

Investment Prospectus Angola

The project involves the development and investment in a proposed High-Voltage Direct Current (HVDC) transmission line spanning approximately 1,200 kilometers to interconnect the transmission

Jul 29, 2025

At least 26 killed in Congo as high-voltage power cable

At least about 26 people are reported to be killed after a high tension power cable snapped and then fell on a market on the outskirts of the Democratic

May 07, 2026

Inga-Kolwezi HDVC Link, Democratic Republic of Congo

To connect various high voltage (HV) components to the HV system, we also deliver a wide variety of busbars. In cooperation with the customer, these can also feature our Bus Bar Insulation Tubing (BBIT).

Sep 29, 2025

Congo, Dem. Rep. Electricity Transmission Network

Data for medium and high voltage transmission lines in Congo, Dem. Rep.. The data were compiled for the AICD study led by the World Bank. A variety of sources were consulted,

Apr 14, 2026

Hitachi Energy to secure power supply in Africa's longest high-voltage ...

Long-term service agreement will extend the operating life of the 40-year-old link, which is vital for economic growth in the Democratic Republic of Congo.

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