



GE VERNOVA

Rio Madeira HVDC Project

GE VERNOVA PUTS THE WORLD'S LONGEST TRANSMISSION LINE IN COMMERCIAL OPERATION

The Rio Madeira Project

GE Vernova puts the world's longest transmission line in commercial operation.
The Rio Madeira project will connect renewable energy to **44 million people** in the city of São Paulo

SÃO PAULO



22%
of Brazil's population



US\$1B
GDP



32.1%
of the country's GDP



LARGEST
economy of Latin America



44M
inhabitants

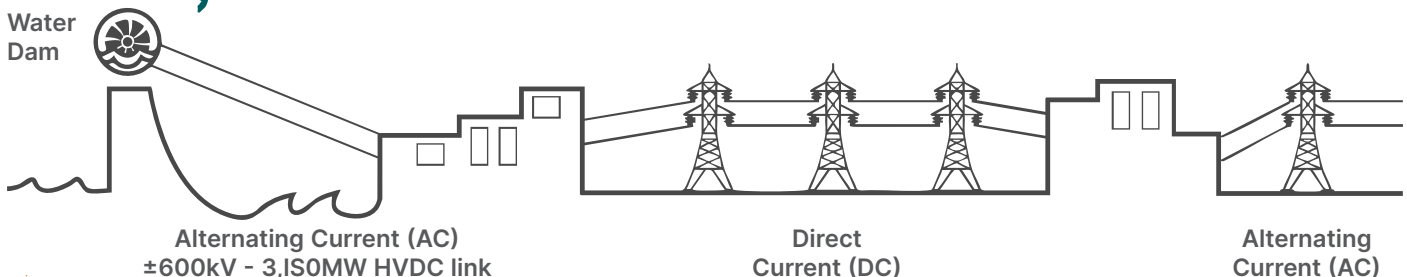
Understanding the Project



World's longest transmission line
2,375 km

Porto Velho
GE Vernova Converter Station

Araraquara
GE Vernova Converter Station



High Voltage Direct Current (HVDC)

HVDC is the only feasible solution to transmit

3150MW

power generated to consumption areas, making existing power grids more efficient

The technology can transmit

3x

more power over long distances than traditional alternating current transmission