

# Hidroeléctrica pequeña de 24.00 MW con turbina Francis 3x





## Hidroeléctrica pequeña de 24.00 MW con turbina Francis 3x

Brasil es el segundo mayor productor de energía hidroeléctrica del mundo por capacidad instalada y tiene la mayor capacidad hidroeléctrica instalada en América del Sur, con el 60 por ciento de la capacidad total del continente.

La gran energía hidroeléctrica sigue siendo la principal fuente de suministro de electricidad, y la energía eólica y solar representan alrededor del 11 por ciento.

Esta Usina está ubicada en el municipio de Rio dos Cedros, en el estado de Santa Catarina, Brasil.

Puntos clave

Proyecto Greenfield de Estudios Energéticos

Capacidad Instalada = 24,00 MW

Potencia media (Q media) = 11,83 MW media

Factor de capacidad = 0,4929

Datos técnicos

Parámetros

24MW HPP

Potencia nominal instalada

3 x 8,00 MW

Tipo de turbina

Francis Simples

Nº de máquinas

3

Total swallowing

3 x 6,07 m³/s

Unit swallowing

6,07 m³/s

Minimal swallowing

3,03 m³/s

Caudal sanitario

1,75 m³/s

Caudal de uso consuntivo

0,00 m³/s

Rendimiento de la turbina

92,00%

Rendimiento del generador

95,00%

Factor de potencia del generador

0,9

GROSS REVENUE

TBA

EBITDA

TBA

BUSINESS TYPE

Planta de energía, Renewable Energy

COUNTRY

Brasil

BUSINESS ID

L#20230487

Serie de caudales

10/1935-06/2019

Cantidad nm. a.

271,00 m

N. A. aguas abajo

115,32 m

Pérdida bruta nominal

155,68 m

Pérdida de carga nominal

4,04 m

Caída neta nominal

151,64 m

Indisponibilidad programada

2,50%

Consumo doméstico

75 kW

Pérdidas en la conexión eléctrica

0,90%

Garantía Física

11,83 Mw

Factor de capacidad (GF)

49,29%

Financiero (pronóstico)

Producción Anual de Energía = 103.630. 80 MWh / Año (19.672.656 EUR / 21.405.515 USD)

Tarifa de Energía por MW = R\$ 275,00 / MWh (52,19 EUR / 56,80 USD)

Generación Bruta de Caja Anual = R\$ 28.498.470,00 (5.407.957,36 EUR / 5.888.134 USD)

*The information contained herein does not constitute an offer to sell or a solicitation of an offer or a recommendation to purchase securities under the securities laws of any jurisdiction, including the United States Securities Act of 1933, as amended, or any US state securities laws, or a solicitation to enter into any other transaction*

*The projected financial information contained in the Memorandum is based on judgmental estimates and assumptions made by the management of the target Company, about circumstances and events that have not yet taken place. Accordingly, there can be no assurance that the projected results will be attained. In particular, but without prejudice to the generality of the foregoing, no representation or warranty whatsoever is given in relation to the reasonableness or achievability of the projections contained in the Memorandum or in relation to the bases and assumptions underlying such projections and you must satisfy yourself in relation to the reasonableness, achievability and accuracy thereof.*

*By delivering this Memorandum, neither MergersUS Inc., nor its authorized agents are making any recommendations regarding the acquisition or strategies outlined herein. Interested parties shall exercise independent judgment in, and have sole responsibility for, determining whether an acquisition of the Company is suitable for them, and neither MergersUS Inc, nor its authorized agents have responsibility to, and will not, monitor the condition of interested parties to determine that an acquisition is or remains suitable for them. Among other things, suitability of an acquisition will depend upon an interested party's investment and business plans and financial situation.*

*This document is prepared for information purposes only. It is made available on the express understanding that it will be used for the sole purpose of assisting the recipients to decide whether they wish to proceed with a further investigation of the Proposed Transaction.*

*The recipients realize and agree that this document is not intended to form the basis of any investment decision or any other appraisal or decision regarding the Proposed Transaction, and does not constitute the basis for the contract which may be concluded in relation to the Proposed Transaction.*

*All information contained in this document may subsequently be updated and adjusted. MergersUS Inc. has not independently verified any of the information contained herein or on which this document is based. Neither the Company, nor its management or shareholders, nor MergersUS Inc. , nor any of their respective directors, partners, officers, employees or affiliates make any representation or warranty (express or implied) or accept or will accept any responsibility or liability regarding or in relation to the accuracy or completeness of the information contained in this document or any other written or oral information made available to any interested party or its advisers. Any liability in respect of any such information or any inaccuracy in or omission from the document is expressly disclaimed.*

[www.mergerscorp.com](http://www.mergerscorp.com)



© 2024 MergersCorp M&A International. All rights reserved.

© 2024 MergersCorp M&A International. MergersCorp™ M&A International is the collective brand name of independent affiliates of MergersCorp M&A International. For more details on the nature of our affiliation, please visit us on our website <https://www.mergerscorp.com/disclaimer>. MergersCorp M&A International is not a registered broker-dealer under the U.S. securities laws. MergersCorp M&A International does not offer or sell securities or provide investment advice or underwriting services. The articles or publications contained in this presentation are not intended to provide specific business or investment advice. The author or MergersCorp M&A International shall not be liable for any errors or omissions, or for any loss suffered by any person or organization acting or refraining from acting as a result of the content of this website. It is recommended that specific independent advice be sought before making any business or investment decision.



[WWW.MERGERSCORP.COM](http://WWW.MERGERSCORP.COM)