

3x 프랜시스 터빈을 갖춘 24.00MW 소형 수력 발전





3x 24.00MW

브라질은 설치 용량 기준으로 세계에서 두 번째로 큰 수력 발전 국가이며, 남미 대륙 전체 용량의 60%를 차지하는 최대 설치 수력 발전 용량을 보유하고 있습니다.

대규모 수력발전은 여전히 ~~수력~~ 전력 공급의 주요 원천으로, 풍력과 태양광이 약 11%를 차지합니다.

이 발전소는 브라질 산타카타리나주 Rio dos Cedros시에 위치하고 있습니다.

키 포인트

에너지 연구 그린필드 프로젝트

설치 용량 = 24.00MW

평균 전력(Q 평균) = 11.83MW 평균

용량 계수 = 0.4929

기술 데이터

TARGET PRICE

\$0

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

재생 에너지

COUNTRY

브라질

BUSINESS ID

L#20230487

매개변수	24MW HPP
정격 설치 전력	3 x 8,00 MW
터빈형	프란시스 심플스
기계 수	3
총 삼키는 것	3 x 6,07 m³/s
단위 삼키기	6,07 m³/s
최소한의 삼킴	3,03 m³/s
위생적인 흐름	1,75 m³/s
소모적 사용 유량	0,00 m³/s
터빈 생산량	92,00%
발전기 수율	95,00%
발전기 역률	0,9
유량 시리즈	10/1935-06/2019
금액 번호 에게.	271,00 m
NA 하류	115,32 m
명목 총 손실	155,68 m
정격부하손실	4,04 m
명목 순 하락	151,64 m
예정된 이용 불가	2,50%
국내 소비	75 kW

전기 연결 손실	0,90%
물리적 보증	11,83 Mw 메디오
용량 계수(GF)	49,29%

재무(예측)

연간 에너지 생산량 = 103,630. 80MWh / 년 (19.672,656 EUR / 21.405,515 USD)

MW당 에너지 요금 = R\$ 275,00 / MWh (52,19 EUR / 56,80 USD)

연간 총 현금 창출 = R\$ 28,498,470.00 (5.407.957,36 EUR / 5.888.134 USD)

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