

33MW 4x HPP

수력발전소





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카자흐스탄은 풍부한 수력자원을 보유하고 있으며 주로 동부와 남부에 집중되어 있습니다. 현재 총 용량이 2.25GW에 달하는 15개의 대형 수력 발전소(>50MW)가 국가 전체 발전 용량의 최대 13%를 차지합니다.

카자흐스탄은 자국 영토 내 수력 발전 프로젝트의 개발 및 시행에 있어 유망한 국가로 자리매김하고 있습니다. 주 정부는 2050년까지 재생 가능 에너지를 사용하여 국가 전력 생산량의 50%를 달성하겠다는 야심찬 계획(이하 “RES”)을 설정했습니다.

수력에너지 자원은 전국에 분포되어 있지만 특히 이르티시 강 유역과 주요 지류(Bukhtarma, Uba, Ulba, Kurchum, Kardzhil), 일리 강 유역이 있는 남동부 지역, 남부 지역 등 3개 지역에 자원이 많습니다. Syrdarya, Talas 및 Chu 강 유역과 함께.

개요

프로젝트의 목적은 총 용량이 33.00MW인 소형 HPP 4개 캐스케이드를 건설하는 것입니다.

이 프로젝트에는 지역 및 지역 범위가 있습니다. 이 프로젝트는 카자흐스탄 공화국 알마티 지역의 알마티 전력 센터의 전기 부하 일정의 기본 부분을 다루기 위한 것입니다. 강의 폭포는 4개의 소규모 수력 발전소로 구성되어 있습니다. 캐스케이드의 각 HPP는 유압 구조와 기술 장비의 조합으로, 물의 중력 에너지를 흐름의 기계적 에너지로 변환한 다음 전기 에너지로 변환하여 소비자에게 전달됩니다.

키 포인트

- 상태: 구축 준비 완료
- 프로젝트 목표: 다음 목적을 위해 알마티 지역에 소규모 HPP의 계단식 건설: 알마티 지역 소비자에게 공급하기 위한 환경 친화적인 전력 공급원; 지역 에너지 시스템의 신뢰성을 높입니다. - 알마티 지역의 전력 부족을 줄입니다.
- 설치용량 : 33MW(추정)
- 발전량 : 140GW/년(추정)
- VAT 포함/VAT 제외 전기 요금: kWh당 41,23텡게(0,093 USD/kW)
- 기술: 방사형 축 터빈을 갖춘 수력 장치(4 HPP용 2x 터빈 “Ossberger”)

TARGET PRICE

\$12,500,000

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

재생 에너지

COUNTRY

카자흐스탄

BUSINESS ID

L#20230498

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