

33MW 4x HPP Central Hidroeléctrica





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Kazajstán tiene abundantes recursos hídricos, que se concentran principalmente en el este y el sur del país. En la actualidad, 15 grandes centrales hidroeléctricas (>50 MW) con una capacidad total de 2,25 GW representan hasta el 13% de la capacidad total de generación del país.

Kazajstán se posiciona como un país prometedor para el desarrollo y la ejecución de proyectos hidroeléctricos en su territorio. El Estado establece un ambicioso plan para alcanzar el 50% de la producción de electricidad del país mediante fuentes de energía renovables para 2050 (en adelante, las "FER").

Los recursos hidroenergéticos están distribuidos por todo el país, pero tres zonas tienen recursos especialmente grandes: la cuenca del río Irtysh y sus principales afluentes (Bukhtarma, Uba, Ulba, Kurchum, Kardzhil), la zona sureste con la cuenca del río Ili, y la zona sur con las cuencas de los ríos Syrdarya, Talas y Chu.

Visión general

La finalidad del Proyecto es la construcción de 4x cascadas de pequeñas centrales HPP con una capacidad total de 33,00 MW

El proyecto tiene un alcance local y regional. El proyecto está destinado a cubrir la parte básica de los programas de carga eléctrica del centro de energía de Almaty, región de Almaty de la República de Kazajstán. La cascada del río consta de 4x pequeñas centrales hidroeléctricas. Cada HPP de la cascada es una combinación de estructuras hidráulicas y equipos tecnológicos, que convierten la energía gravitacional del agua en energía mecánica del flujo y luego en energía eléctrica, que posteriormente se suministra a los consumidores.

Puntos clave

- Estado: Listo para construir
- Objetivos del proyecto: Construcción de una cascada de pequeñas centrales hidroeléctricas en la región de Almaty para: una fuente de electricidad respetuosa con el medio ambiente para el suministro a los consumidores de la región de Almaty; aumentar la fiabilidad del sistema energético de la región. – reducir la escasez de electricidad en la región de Almaty.
- Capacidad instalada: 33 MW (estimación)
- Generación de electricidad: 140 GW / Año (Estimación)
- Tarifa eléctrica con IVA/sin IVA: 41,23 Tenge por kWh (0,093 USD / kW)
Tecnología: Unidades hidroeléctricas con turbinas radiales-axiales (2x turbina "Ossberger" para 4 HPP)

TARGET PRICE

\$12,500,000

GROSS REVENUE

\$0

EBITDA

\$0

BUSINESS TYPE

Energías renovables

COUNTRY

Kazajstán

BUSINESS ID

L#20230498

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