

Centrale hydroélectrique 33MW 4x HPP





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Le Kazakhstan possède d'abondantes ressources hydrauliques, qui sont principalement concentrées dans les parties orientale et méridionale du pays. Aujourd'hui, 15 grandes centrales hydroélectriques (> 50 MW) d'une capacité totale de 2,25 GW représentent jusqu'à 13 % de la capacité de production totale du pays.

Le Kazakhstan se positionne comme un pays prometteur pour le développement et la réalisation de projets hydroélectriques sur son territoire. L'État établit un plan ambitieux visant à atteindre la part de 50 % de la production d'électricité dans le pays utilisant des sources d'énergie renouvelables d'ici 2050 (ci-après - le "RES").

Les ressources hydroénergétiques sont réparties dans tout le pays, mais trois zones disposent de ressources particulièrement importantes : le bassin de la rivière Irtysh et ses principaux affluents (Bukhtarma, Uba, Ulba, Kurchum, Kardzhil), la zone sud-est avec le bassin de la rivière Ili, et la zone sud avec les bassins des fleuves Syrdarya, Talas et Chu.

Aperçu

Le projet a pour objet la construction d'une cascade 4x de petites centrales hydroélectriques d'une capacité totale de 33,00 MW

Le projet a une portée locale et régionale. Le projet est destiné à couvrir la partie de base des programmes de charge électrique du centre électrique d'Almaty, région d'Almaty de la République du Kazakhstan. La cascade sur la rivière se compose de 4x petites centrales hydroélectriques. Chaque HPP de la cascade est une combinaison d'ouvrages hydrauliques et d'équipements technologiques, convertissant l'énergie gravitationnelle de l'eau en énergie mécanique de l'écoulement puis en énergie électrique, qui est ensuite livrée aux consommateurs.

Points clés

- Statut : Prêt à construire
- Objectifs du projet : Construction d'une cascade de petites centrales hydroélectriques dans la région d'Almaty pour : une source d'électricité respectueuse de l'environnement pour l'approvisionnement des consommateurs de la région d'Almaty ; accroître la fiabilité du système énergétique de la région. - réduire la pénurie d'électricité dans la région d'Almaty.
- Capacité installée : 33 MW (estimation)
- Production d'électricité : 140 GW/an (estimation)
- Tarif de l'électricité avec TVA/sans TVA : 41,23 Tenge par kWh (0,093 USD / kWh)
- Technologie : Unités hydrauliques à turbines radiales-axiales (2x Turbine "Ossberger" pour 4 HPP)

TARGET PRICE

\$12,500,000

GROSS REVENUE

TBD

EBITDA

TBD

BUSINESS TYPE

Centrale Électrique, Centrale Électrique

COUNTRY

Kazakhstan

BUSINESS ID

L#20230498

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