



Energy system company Mongolia

What services do we provide to Mongolian energy sector?

We provide consulting services, training courses, the supply of products, engineering design and support to the Energy sector in Mongolia. Our experts combine long-term research, management and consulting experience in the Mongolian energy sector project.

What is the power system of Mongolia?

Mongolia's power system consists of three unconnected energy systems: the Central, Western, and Eastern Energy Systems. The Western system provides electricity to three provinces (Aimag) and 22 district (Soum) centers through imports from Russia. There are also diesel generators and heat-only boilers in off-grid areas.

How can we contribute to Mongolian energy development?

energy. We contribute to Mongolian energy development through localization of high technology, installation, and construction with global standards, excellent consulting, and operation maintenance service during the whole life time of the system.

Who owns the Mongolian energy company (UEC)?

The Mongolian energy company (UEC) is owned by the Aimag government, but 51% of the operating company is in the hands of the private company "Mongol-Erden". After a tendering process, 49% is still owned by the Aimag government.

Which sector consumes the most energy in Mongolia?

In Mongolia, the housing and communal service sector consumes 24% and the transportation and communication sector 4% of the total energy. The remaining sectors consume 10%. The currently required capacity in Mongolia is 740 MW, which will increase to 780 MW in 2010.

How to contact GSE Mongolia?

Increased use of green energy will create a real opportunity to raise public awareness, attitudes and behavior. Telephone +(976) 96052210 E-Mail contact.gsemongolia@gmail.com Location Business tower #1803, Chinggis avenue, 1st khoroo, Sukhbaatar district, Ulaanbaatar, Mongolia. 14251 [About Us](#)

The power system of Mongolia consists of the three unconnected energy systems (Central, Western and Eastern Energy System), diesel generators and heat-only boilers in off-grid areas. The Western system provides three province (Aimag) centres and its 22 district (Soum) centers with electricity imported from Russia.

October 4, 2024: An agreement was announced last month to construct a 50MW battery storage power station in the Baganuur district of Ulaanbaatar, Mongolia, which is expected to be commissioned in November 2024.



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We deliver on our mission of green energy for sustainable development with engineering solutions, project management, operation & management, and innovative technology.

Contribute to Mongolian energy development through localization of high tech, installation and construction with global standard, excellent consulting service.

This project is the first solar power generation project with battery energy storage system in Mongolia attached, which was awarded to the JGC Group in consortium with NGK Insulators (Japan) and MCS International (Mongolia) 2021 for the Ministry of Energy of Mongolia.

Nomadic New Energy is a specialized consulting firm focused on the energy sector and industries based in Ulaanbaatar city, Mongolia. We provide consulting services, training courses, the supply of products, engineering ...

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The First Utility-Scale Energy Storage Project aims to install a large-scale advanced battery energy storage system (BESS) in Mongolia's Central Energy System (CES) grid. Which is to absorb curtailed renewable ...

Mongolia's energy sector consist of five independent electric power systems: Central, Western, Eastern, Southern, and the Altai-Uliastai Energy System, and deploys diesel generators and heat-only boilers in off-grid areas.

Our company aims to reduce air pollution, save heat and electricity, and further improve the efficiency of renewable energy by increasing the use of renewable energy or green energy in Mongolia, by introducing low and medium capacity renewable energy systems to households and organizations and is an experienced professional organization that ...

Among the services we offer enterprises, organizations, and households are calculations and studies for the construction of energy-efficient homes and buildings suitable for Mongolia's extreme climate, as well as the installation of renewable energy sources that do not harm the environment, and providing high-quality consulting services.

The First Utility-Scale Energy Storage Project aims to install a large-scale advanced battery energy storage system (BESS) in Mongolia's Central Energy System (CES) grid. Which is to absorb curtailed renewable energy electricity and smoothen fluctuations caused by the intermittency of renewable energy.



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