

## Uzbekistan Turakurgan • Navoi-2 GTCC Power Plant Project Team

[Mitsubishi Power, Ltd., MHI Power Engineering Co., Ltd.,  
Mitsubishi Electric Corporation, Mitsubishi Corporation]

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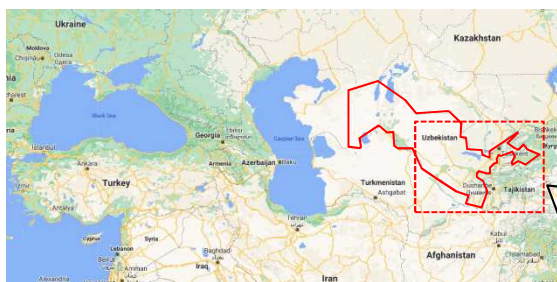
Member : 389 persons(Mitsubishi Power, Ltd. 295 persons, MHI Power  
Engineering Co., Ltd. 3 persons, Mitsubishi Electric Corporation 12  
persons, Mitsubishi Corporation 14 persons, Çalik Enerji 63  
persons)

This is a full turnkey project to improve the tight power situation in the Republic of Uzbekistan by constructing natural gas-fired gas turbine combined cycle power plants in the Turakurgan district of Namangan Province in the eastern part of the Republic of Uzbekistan and in the city of Navoi in the central part of the Republic of Uzbekistan. The introduction of state-of-the-art equipment has contributed to the stable supply of electric power, as well as to the reduction of environmental impact by improving power generation efficiency and reducing CO2 emissions.

Thermal power accounts for about 80% (Natural gas approximately 75%, coal approximately 4%, oil approximately 1%) of the country's power generation capacity (Approximately 12.4 GW). Most of these facilities, which were introduced during the Soviet era and were 30 to 40 years old, had originally low power generation efficiency and high CO2 emissions. In addition, their power generation output and operating rate had declined due to aging. The construction of a state-of-the-art gas turbine combined cycle power plant to improve this situation was the country's long-cherished desire, and the expectations placed on both projects were great.

During the construction period, the government asked for cooperation, such as the early start of power generation and the supply of electricity during the commissioning stage. Furthermore, at the end of the project, although the impact of the COVID-19 was partly caused, we overcame these difficulties and were able to deliver to customers and complete the construction as originally planned.

This award deserves recognition in the field of international contribution because of the above excellent achievements and future development.



Panoramic view of Navoi-2 power plant



Panoramic view of Turakurgan power plant