About Us

Arian MahTaab Gostar Company, as a private sector pioneer in the field of power generation investment, was established in 2002 in order to contribute in power industry in Iran and meet electricity demand of the country by providing electricity with the highest availability.

MahTaab fully believes in maintaining its agility through outsourcing operational activities and manages all its businesses with a merely 100 employees and always tries to employ world class best practices and also tries to play a role in the country as a benchmark.

Moreover, by establishing companies in the fields of electricity, water, oil & gas and energy trading, MahTaab currently owns all or part of 13 thermal and renewable power plants with about 4,000 MW nominal capacity.

MahTaab Group does not limit its goals to financial achievements. The company promotes corporate social responsibility and has widely cooperated with social institutions, in the regions where projects have been implemented as well as other regions of the country.

Vision

- Leading developer and investor in the private sector of the country.
- Owning 35% share of the country’s power generation (including the partnerships).
- Being one of the 3 leading enterprises in terms of energy supply, nationwide.

Common Values

- Create and promote value for all stakeholders.
- Learning, creativity, innovation, and entrepreneurship.
- Economic and strategic thinking at all levels of the organization.
- Building and creating trust, confidence, solidarity and cooperation amongst company employees and promoting their sense of responsibility.
- Engagement and participation in effective social and cultural activities in the vicinity of projects.
- Respecting viewpoints and maintaining dignity of employees, customers and shareholders.

Mission

To create and promote value for stakeholders through being a leading investor and developer in energy and related sectors by relying on our human capital, image and capabilities.

www.mah-taab.com
Rudshur Power Plant

General Specifications:

Gas Portion

Nominal Capacity: 792 MW
Number of Units: 3 Gas Turbines
Units Type: Y94.3A
Main Fuel: Natural Gas
Backup Fuel: Gasoil
Nominal Efficiency: 39%
COD: 2007 Winter

Steam Portion (Under Construction)

Nominal Capacity: 345 MW
Number of Unit: 1 Steam Turbine
Unit Type: SST5000
Nominal Efficiency (Combined Cycle): 56.5%
COD Forecast: 2021 Winter

Rudshur Combined Cycle Power Plant

www.mah-tadb.com
Shobad Power Plant

General Specifications:

Nominal Capacity: 484 MW
Number of Units: 2 Gas & 1 Steam Turbines
Units Type: V94.2 Gas Turbines & E30 Steam Turbine

Main Fuel: Natural Gas
Backup Fuel: Gasoil
Nominal Efficiency (Gas Portion): 33 %
Nominal Efficiency (Combined Cycle): 49.5 %
COD: 2015 Winter

www.mah-taib.com
Gas Portion
Nominal Capacity: 307 MW
Number of Unit: 1 Gas Turbine
Unit Type: AE94.3A
Main Fuel: Natural Gas
Backup Fuel: Gasoil
Nominal Efficiency: 39 %
Start of Operation: 2018 Summer
COD Forecast: 2020 Spring

Steam Portion (Under Construction)
Nominal Capacity: 150 MW
Number of Unit: 1 Steam Turbine
Unit Type: AE94.3A
Nominal Efficiency (Combined Cycle): 59 %
COD Forecast: 2020 Spring
Kahnoj Power Plant

General Specifications:

Nominal Capacity: 75 MW
Number of Units: 3 Gas Turbines
Units Type: Hitachi F5 & Alstom F5
Main Fuel: Natural Gas
Backup Fuel: Gasoil
COD: 2007 Spring
Sarakhs Power Plant

General Specifications:

Nominal Capacity: 75 MW
Number of Units: 3 Gas Turbines
Units Type: Alstom F5 & AEG F5
Main Fuel: Natural Gas
Backup Fuel: Gasoil
COD: 2013 Summer
Kish Power Plant and Water Desalination

General Specifications of Power Plant:

Nominal Capacity: 62 MW
Number of Units: 2 Gas Turbines & 4 Gas Engines
Units Type: AEG FS, AEG F6, Dorman & Perkins
Main Fuel: Natural Gas
Backup Fuel: Gasoil
COD: 2017 Winter

General Specifications of Water Desalination:

Nominal Capacity: 5000 m³/Day
Number of Units: 2
Units Type: Reverse Osmosis (RO)
COD: 2017 Winter
Tarom (Siahpoush) Wind Farm

General Specifications:

Nominal Capacity: 61 MW
Number of Turbines: 18 Units
Turbines Type: Siemens SWT108-3.4 Gear Less
Turbines Length: 83.5 m
Blades Diameter: 108 m
Annual Capacity Factor: 35 %
COD: 2018 Spring
Nowshahr Power Plant

General Specifications:

Nominal Capacity: 50 MW
Number of Units: 2 Gas Turbines
Units Type: Alstom F5 & AEG F5
Main Fuel: Natural Gas
Backup Fuel: Gasoil
COD: 2009 Autumn
AmirAbad Power Plant

General Specifications:

Nominal Capacity: 33 MW
Number of Units: 1 Gas Turbine & 2 Gas Engines
Units Type: Alstom FS & MWM TGC2032V16
Main Fuel: Natural Gas
Backup Fuel: Gasoil
COD: 2011 Autumn
In our journey, value creation along with ethics have been the forefront of our activities and we intend to move on to create new examples by relying on cooperation and companionship of MahTaab family and using successful experiences.
Shahr-e Bijar Hydroelectric Power Plant

General Specifications:

Nominal Capacity: 6.3 MW
Number of Units: 3 Units
Units Type: Francis/Vertical
Nominal Turbines Alignment: 65.6 M
Maximum Water Flow for Each Unit: 3.3 M³/S
Nominal Efficiency: 92 %
Annual Capacity: 21 GW/h
COD: 2018 Winter
Urmia Power Plant

**General Specifications:**

**Gas Portion**
- Nominal Capacity: 954 MW
- Number of Units: 6 Gas Turbines
- Units Type: V94.2A
- Main Fuel: Natural Gas
- Backup Fuel: Gas Oil
- Nominal Efficiency: 33 %
- COD: 2008 Winter

**Steam Portion (Under Construction)**
- Nominal Capacity: 954 MW
- Number of Units: 3 Steam Turbines
- Units Type: E30
- Nominal Efficiency (Combined Cycle): 49.5 %
- COD Forecast: 2021 Winter

Tadbir Sazan SarAmad Company Shareholders:
- Pasargad Energy Development Co.
- Aran Mahaab Goslar Co.
- Omid Taban Hoor Co.
- Parsian Energy Development and Management Co.
Taban Power Plant

General Specifications:

- Nominal Capacity: 484 MW
- Number of Units: 2 Gas & 1 Steam Turbines
- Units Type: V94.2 Gas Turbines & E30 Steam Turbine
- Main Fuel: Natural Gas
- Backup Fuel: Gasoil
- Nominal Efficiency (Gas Portion): 33%
- Nominal Efficiency (Combined Cycle): 49%
- COD: 2018 Winter

Energy Gostar Jam Company Shareholders:
- Iran Investment Co.
- Faro Sohel Iran Co.
- Arjan MahTaab Gostar Co.
- IRSA Power Plant Development and Management Co.
- Parsian Energy Development and Management Co.
Khoy Power Plant

General Specifications:

- Nominal Capacity: 350 MW
- Number of Units: 2 Gas & 1 Steam Turbines
- Units Type: Alstom-GE-F9 Gas Turbines & Siemens Steam Turbine
- Main Fuel: Natural Gas
- Backup Fuel: Gasoil
- Nominal Efficiency (Gas Portion): 31%
- Nominal Efficiency (Combined Cycle): 48%
- COD: 1997 Summer

Porto Shams Taban Company Shareholders:
- Pasargad Energy Development Co.
- Arian MahTaab Gostar Co.
- Energy Gostar Jam Co.
TizBaad Wind Farm

General Specifications:

(Under Construction)

- Nominal Capacity: 100 MW
- Number of Turbines: 40 Units
- Turbines Type: 2.5 MW
- Blades Diameter: 104 M
- Annual Capacity Factor: 50 %
- COD Forecast: 2021 Winter
To meet increasingly stringent environmental regulations and align with hydrocarbon processing industry best practices, the Oil & Gas Division of MahTaab Gostar Company was established in 2014 with the aim of producing and supplying clean hydrocarbon fuels to the international markets.

The Oil & Gas Division is currently involved in several projects. Kangan LNG project with the aim of producing and exporting Liquefied Natural Gas (LNG) to international markets is at the top of the list of approved projects of this division.

Kangan LNG is the first mid-scale LNG production project being developed by a private sector in Iran. Conceptual evaluation of potential development options in order to support the Kangan LNG project is conducted by major international engineering services companies.

The LNG plant with production of approximately 2 to 2.4 MMTPA along with associated export facility is planned to start its normal operation in 2025. The project management team decided the site to be located next to Iran LNG’s site, facing the Persian Gulf, in Tombak (50 km NW of Assaluyeh and 15 km SE of Kangan).
Social Responsibilities

MahTaab Group’s pursuit is not limited only to financial achievements. Social activities are of fundamental values to the Group as well. Having this vision, planning and implementation of social activities within company’s power plants and projects are at the heart of its actions since the beginning.

Building Farda School in 2007 is first successful experience of MahTaab in social projects. Since then, along with each project, investigation and comprehensive studies are conducted continuously in the Group in order to implement effective and exemplary social activities. Becoming a leading and successful model in commitment as well as in performing social responsibilities is a goal which MahTaab Group is trying to achieve.

With emphasis on outsourcing policy in MahTaab Group, directing and implementing parts of social activities have been transferred to MahTaab Sazan Iranian Charity Foundation since 2016.
Rudshur & Shobad Energy Parks

Rudshur Energy Park was established in Rudshur power plant in 2017 and Shobad Energy Park was established in Shobad power plant in 2018. The target of these parks are students of 4th grade up to 12th. Students along with their teachers visit the park in the form of half-day tours. Considering the positive experience of these parks, MahTaab Group has planned to build energy parks in a number of its projects as well. MahTaab Group also promotes this initiative in electrical power industry and other industries in the country.

The aims of Energy Parks are:
• Teaching concepts, resources and energy types and environmental impacts of energies to students through tangible experience.
• Taking part in an appealing and dynamic environment that stimulates the curiosity and scientific spirit in students about energy and physics concepts.
• Creating an environment of fun and excitement in order to encourage students to generate and/or transmit energy in the small scales.
Farda School

Farda School was built in Rudshur power plant in 2007 by benchmarking best international practices. This school has a workshop-like environment and its audiences are teachers and students of pre-school up to 3rd grade students. Teachers and students attend this school in the form of half-day tours. (Farda Means Tomorrow)

The objectives of Farda School are:
• Providing a different educational environment for teachers and students in order to make them familiar with modern teaching methods.
• Stimulating the curiosity and research spirit in students and focusing on autonomy of students in a workshop-like environment.
• Emphasis on diversity of talents and the necessity for paying attention to individual differences among students.
• Creating a fun and attractive environment.
Solar Farms for Female-Headed Households

Successful experience of constructing 3KW solar farms for 9 female-headed households in 3 villages near Khomein and Raveh as pilot projects in Kerman province in joint cooperation with Imam Khomeini Relief Committee from April to July 2017, set the ground for the construction of 2,000 solar farms for female-headed households in this province.

With active cooperation of Imam Khomeini Relief Committee and MahTaab Sazan Iranian Charity Foundation, operational activities of first phase of this project for construction of 520 solar farms in 9 counties and 125 villages of Kerman province were started in late autumn 2018, and these farms were operational by March 2019. Imam Khomeini Relief Committee with the participation of Mellat Bank and Mehr Iran Bank were main financiers of the project. MahTaab Group used its experiences to execute the project smoothly and as a result, an example of successful team work among several bodies and organisations was formed in a social activity.

The objectives of this project are:
• Empowering and strengthening the financial and social autonomy of owners through creating 20 years sustainable income.
• Strengthening the sense of dignity and self-esteem of owners by transforming them from getting help from social service to producing electrical power.
• Creating a basis to introduce new technologies and clean energies to local communities nationwide.

The Role of MahTaab Group:

• Following up the buyback agreement between the Ministry of Energy and the owners of solar farms for a period of 20 years.
• Negotiating loans with banks for those introduced by Imam Khomeini Relief Committee.
• Negotiations with domestic and foreign manufacturers to purchase high quality equipment and getting discount for owners.
• Project management through all stages including engineering design, selecting contractors, selecting engineering supervision company and connection to the Grid upon schedule.
• Training owners how to properly operate and maintain solar farms.
• Creating a centralized and online network for technical support of all solar farms.
Helping Earthquake Victims

In order to introduce a new method of post-disaster job creation, after the occurrence of a terrible earthquake in Kermanshah, MahTaab Group, in collaboration with MahTaab Sazan Iranian Charity Foundation and Hirbodan Company, built 65 livestock keeping facilities for the residents of Gholleh-Rash-Vali Village in Salas Babajani County in 42 days. Each of the constructed buildings is 45 square meters and has a capacity to keep 30 livestock and is resilient to earthquakes with a magnitude of up to 8 Richter scale.

In Gholleh-Rash-Vali Village, animal husbandry is the main source of income and employment for people; therefore, with the implementation of this project, an important part of the concern for employment and income security was met for earthquake-stricken people of this village. This project finished in April 12th 2018 by delivering the livestock facilities to owners, and on the occasion of the completion of the project, in May 6th 2018, a public celebration was held in the project site with participation of all residents of the village.

No to Plastic Campaign

Iran is one of the countries in the world that uses high volumes of disposable plastic items. Environmental protection became an alarm to start a “No to Plastic” Campaign in our offices and power plants in 2018, and after that “Plastic-free Kahnouj Campaign” was put into the agenda for student visits of Shobad Energy Park.

By using the capacity of visiting students, this campaign tries to set an example of plastic-free city in Kahnouj and promote reducing production and consumption of plastic.

Alongside implementing this campaign in students visits, Shobad Power Plant and MahTaab Sazan Iranian Charity Foundation seek to moralize the campaign among the public and citizens of Kahnouj by conducting campaigns such as “Honorary Sweepers” and “Trash-free Schools” Challenges.

The objectives of these campaigns are:
- Wiping the environment from plastic waste and other long-lasting trash and making landscapes clean and beautiful.
- Moralize reducing plastic consumption and producing less plastic waste.
Collaboration with NGOs

In line with the policy of participating and collaborating with NGOs to promote social goals and plans, MahTaab Group has been cooperating with “Chain of Hope International Charity Foundation” since 2008. This continuous and long-term collaboration is performed in the framework of annual memoranda between the parties.

According to these memoranda, treatment and surgical costs of patients introduced by Chain of Hope International Charity Foundation are provided in the provinces that MahTaab Group is present and active.

Power Plant Managers Seminar

One of the objectives of MahTaab Group is to introduce changes and innovations in the industry of power plant operation, repair and maintenance in the country by using modern and effective managerial means and methods and also by sharing leading experiences.

For this reason, a training seminar for managers of power plants from all over the country is being held annually since 2010 and outstanding lecturers from scientific and industrial centers from inside or outside the country are invited to give a lecture.
Mah-Taab Group at a Glance

1. Founded in 2001
2. Approximately 100 Human Capital
3. Owner of 13 power plants with a capacity around 4000 MW
4. Producer of almost 5% of the country's electricity