



ENERGY
INVESTMENT



INTRODUCING GHADIR ENERGY INVESTMENT COMPANY (GEIC)

Ghadir Investment Company which is one of Iran' most reputable investment companies, established Ghadir Energy Investment Company (GEIC) in 2011, as a means to invest in the power generation industry. GEIC is essentially an investor in the power generation industry, (this includes purchasing and constructing combined cycle power plants, power generation from renewable energies and small-scale generators), energy conduits (gas swap, electrical power exports, investment in constructing gas pipelines and power transmission lines as well as water treatment and desalination facilities.

MISSION

Our mission is to invest in the fields of producing and exploiting water and electrical power by relying on modern technologies and maximum productivity.



VISION

Our vision is to become one of Iran's top contributors in the development of electrical power industry as well as water and energy conveyers in Iran and in target countries by 2026.

ORGANISATIONAL VALUES

- Placing employee worthiness on top of our agenda.
- Being a law abiding company, dedicated to society.
- Protecting the environment, safety of personnel.
- Honesty and trustworthiness.
- Being an accountable and responsible organisation.
- Being innovative in our actions.



OVERALL GOALS TO BE ACHIEVED BY 2026

- Boosting financial capabilities and profitability.
- Boosting the capacity of power plants.
- Increasing water production capacity.
- Further developing power and water conveyers trading.
- Generating power from renewable energies.

QUANTITATIVE GOALS

- Obtaining a 10% share in Iran's total power generation capacity.
- Obtaining a 30% share in Iran's renewable energies.
- Boosting the average output of GEIC's power plants by 50%.
- Exporting at least 20% of generated power to Iran's neighbouring countries.
- Selling at least 30% of generated power through bilateral contracts with major consumers.
- Having a 1% forced outages in power plants.
- Producing 700 thousand cubic meters water/day.
- Acquiring a 2% market share of Iran's energy conduits market.
- Obtaining 80% of required capital from sources other than investors.
- Swapping 2.2 billion cubic meters of gas per year with targeted countries and achieving a 25% growth in years to come.

ACTIVITY SECTORS

Power Generation Sector

Under Operation Projects

Our utilised projects which generate 1,650 MG of power, are stated below:

- Gilan Combined Cycle Power Plant (1,306 MG capacity).
- The gas section of Behbahan Combined Cycle Power Plant (332 MG capacity).
- Abu Musa Diesel Engine Power Plant (10 MG capacity).
- Esfahan Solar Power Plant (10 MG capacity).

Projects under Implementation

GEIC is currently involved in numerous projects in partnership with reputable domestic and foreign companies. Once launched, these projects are expected to generate over 1,800 MGs of power. These projects are stated below:

- Hormouz Combined Cycle Power Plant (235 MG capacity).
- Lamerd Combined Cycle Power Plant (913 MG capacity).
- Gheshm Combined Cycle Power Plant (500 MG capacity).
- Steam section of Behbahan Combined Cycle Power Plant (160 MG capacity).

Projects at Hand

In order to contribute to the development of Iran's less developed areas, GEIC has focused on constructing numerous power plants in such areas. So far, necessary licences and financing have been obtained for these power plants which are currently at their pre-implementation stage. These projects are named below:

- Nama Combined Cycle Power Plant (913 MG capacity).
- Dezfoul Combined Cycle Power Plant (913 MG capacity).
- Khonj Combined Cycle Power Plant (913 MG capacity).
- Phase II of Behbahan Combined Cycle Power Plant (500 MG capacity).
- Tehran II Combined Cycle Power Plant (500 MG capacity).
- Mazandaran Combined Cycle Power Plant (150 MG capacity).
- Kerman, Gilan and Tehran small-scale power plants (100 MG capacity).
- Yazd I, Yazd II & Qom Solar Power Plants (30 MG capacity).
- Esfahan Solar Power Plant – Expansion Esfahan (10 MG capacity).



Energy Conduits Sector

As a means to reach its objectives GEIC has decided to take advantage of Iran's geographical situation and its existing vast network of gas pipelines, to engage in trading natural gas with neighbouring countries. So far, this company has successfully swapped Turkmenistan's natural gas with the Republic of Azerbaijan. GEIC has established a new company called Arjan Energy Services Development Company, to operate in this sector. This company currently has a number of projects under study. These projects are in the following fields:

- Exports of electrical power to neighbouring countries and investment in a power transfer line.
- Investment in a gas pipeline and exports of natural gas to neighbouring countries.
- Investment in power stations in other countries that require gas feed.





Research & Technical, Engineering Services Sector

In its quest to enter the engineering sector, Ghadir Energy Investment Company has also established a company called: Damavand Engineering Company to serve as its engineering arm. This company is mainly active in technical research specialising in upgrade and optimal management and maintenance of power plants, power plant engineering services ranging from conducting feasibility studies to launch (including engaging in contracting, project management, supervision etc.). It is also noteworthy that this company is a joint venture with the German Fichtner Company.



Water Sector

Unfortunately, Iran has been facing severe droughts in the recent years and changes in the global climate are also contributing to a situation that is likely to get worse in the years to come. This means that Iran is heading for water shortages. Hence, in order to counter future droughts and water shortages, GEIC has decided to enter the water sector. GEIC is studying the means of extracting seawater from the Persian Gulf located in southern Iran and from the Caspian Sea which is in the north, desalinating and then transferring it to the central Iran, where water is needed most.



SGS CERTIFICATE

