



Azar Namad Energy Co

Consulting Engineering Company

Production, Distribution
Transmission of Power

English Version

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Company Information

Company Name : Azar Namad Energy

Company Type: Private Equity

Date of Establishment: 2010

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About Us

Azar Namad Energy Company with more than ten years of experience now with more confidence relying on the correct management methods of its creative and efficient forces and experts and taking advantage of customers' opinions tries to take all its services into account of technical and professional principles, minimum time and less cost in the field of studies, design, consulting, engineering and supervision of projects. In the field of power generation, power transmission and distribution of power and renewable energy, economic and technical studies, management consultant.

The main goals of the company

- 1- Using new and up-to-date methods in relation to management and engineering issues
- 2- Improving the skill and knowledge of employed staff and engineers
- 3- Improving the quality of services
- 4- Increasing the satisfaction of contractors, suppliers and other stakeholders by providing appropriate engineering services in projects
- 5- Considering economic, social, and environmental aspects in the project studies section

Surely, in order to achieve the mentioned goals, all the company's stakeholders, including the management department, engineers and employees, should do their utmost to make the company successful in fulfilling its ethical, professional and technical obligations.

Fields of activity

Fields of Activity Azar Namad Energy Consulting Engineers Co.

The company operates as a consulting engineer in the fields of production, distribution and transmission of power.

The main activities of the company in the above fields are as follows:

Power Generation:

- Technical and Economic Feasibility Studies
- Preparing preliminary and detailed plans
- Supervising construction, installation and commissioning operations related to different types of power plants and planning and energy studies
 - ✓ Wind Turbines
 - ✓ Solar Technology
 - ✓ Geothermal Energy
 - ✓ Combustion and thermal equipment
 - ✓ Production process and power system studies

Power Transmission:

- Technical and Economic Feasibility Studies
- Preparing preliminary and detailed plans
- Supervising the construction, installation and commissioning of substations and transmission lines and super-distribution
- Supervising the operation of substations and transmission lines and super-distribution

Power Distribution:

- Technical and Economic Feasibility Studies
- Preparing preliminary and detailed plans
- Supervising the construction, installation and commissioning of distribution networks and low pressure
- Monitoring the operation of distribution networks and low pressure
- Solutions for optimizing consumption and reducing losses in distribution network (voltage level 33 kV/lower)

Energy efficiency and audit:

- Solutions for optimizing consumption and reducing losses in distribution network (voltage level 33 kV/lower)
- Strategies to optimize consumption and reduce losses in factories and industries

Technical, financial and economic feasibility studies and supervision on the implementation of the plan and expenditures and banking resources

- Building
- Housing & Urban Development
- Energy, Oil & Gas Industry

Goals and Strategy

Objectives and strategies of Azar Namad Energy Consulting Engineers Company:

Azar Namad Energy Consulting Engineers Company has explained the goals in three axes (long-term, medium and short-term goals) in order to advance its goals and policies in order to improve technical and engineering services.

Long-term goals:

- 1- Providing consulting engineering services with good quality in the fields of the company
- 2- Satisfying employers in the path of designing projects
- 3- Improving and optimizing and upgrading technical and engineering services and optimal effectiveness to this important
- 4- Implementation of engineering knowledge sharing process and creating a valid archive of new and old products of consulting engineering knowledge in Azar Namad Energy Consulting Engineers Co.
- 5- Creating suitable and sustainable employment for graduates and technical and engineering fields
- 6- Participating in international tenders with the aim of exporting technical and engineering services in the field of energy and production expertise, distribution and transmission of power
- 7- Communicating with domestic and foreign scientific centers in order to promote consulting knowledge

Medium-term goals:

- 1- Quantitative development of activities of Azar Namad Energy Consulting Engineers Co.
- 2- Increasing the efficiency of the company's employees for accurate and timely implementation of projects
- 3- Development of efficient manpower in both administrative and technical fields
- 4- Special attitude to education for all employees of the company
- 5- Establishing a communication system with other domestic and foreign partner companies in order to exchange work experiences
- 6- Using the latest technologies and the latest scientific methods and standards in the field of engineering

Short-term goals:

- 1- Providing technical and engineering services and consulting with the highest quality
- 2- Expanding the company's workspace
- 3- Signing more contracts and increasing the volume of activities
- 4- Increase company revenue
- 5- Presenting the results of project studies in the form of papers in domestic and foreign scientific journals

Company Vision

Azar Namad Energy Company is an up-to-date company that supports employers in the fields of technical and engineering services, contract management at national, regional, employers in creating or upgrading development infrastructures. We are proud of our capable manpower and are pleased to have made a significant contribution to the well-being of the people in nearly a decade of experience. In this regard, the values governing the company are as follows:

- Attracting, maintaining and upgrading efficient manpower
- Providing a comprehensive set of services in order to satisfy employers as much as possible
- Keeping employers secret, ethics and professional manners
- Providing quality services at the level of international standards
- Speed and continuous improvement in the provision of services
- Making profits while paying attention to the interests of all stakeholders and maintaining the principles of sustainable development

The company has started a new chapter on the quality of providing services to respectable employers in the fields of production, transmission and distribution of electricity in the country.

Key Members

Mohammad Jamal Reihan

- Chairman of the Board
- Master of Management and Bachelor of Electrical Engineering
- 40 years of management experience in the field of energy

Ramin Jamal Reihan

- Administrative and Financial
- Senior GIS expert
- 16 years of experience in management

Hakimeh Habeli

- CEO
- Electrical expert
- 20 years of experience

Jaber Dindar

- Technical assistant
- Power Electrician
- More than 30 years of experience

Ahmad Alipour Ghassab

- Director of Technical Studies Department
- Power Electrician
- More than 30 years of experience

Esfandiar Keshvarian

- Project manager
- Power Electrician
- More than 30 years of experience

Abutaleb Farzi

- Supervisor
- Power Electrician
- 12 years of experience

Ali Baharivand

- Coordination Deputy
- Electrician - electronics expert
- More than 30 years of experience

Amir Hossein Rezaian




- Manager of the Civil Department
- Civil Engineering
- 12 years of experience

Index Projects

- Studies
- Design
- 198 MW



Aras Water Supply

 Aras Project	Electricity supply stations for Aras water transfer to north of Urmia Lake
 Employer	East Azerbaijan Regional Water
 Project	2019/02/01

Index Projects

- Design Studies
- Surveillance
- 40 MW






Power Supply to Karamabad Poldasht Pumping

	Karamabad	Monitoring power transmission lines and Distribution network of Karamabad
	Employer	West Azerbaijan Regional Water
	Project	01/07/2019

Index Projects



Construction of 2 CHP power plants with a capacity of 33 MW and a solar unit with a capacity of 7.5 MW

	CHP & Solar	Engineering and financing services of CHP & Solar with a total capacity of 40 MW
	Employer	Providing resources through banking system and external finance and domestic resources
	Project	01/05/2018

Projects

No.	Contract Title	Employer Name (Company)	Studies and Design/Supervision	Project amount at the time of contract exchange	Project Progress (Percent)
1	Consumption management, energy audit and establishment of energy management unit in pumping stations of line 1 of Zarrinehroud water transfer to Tabriz	East Azarbaijan Regional Water	Studies	43/75	100%
2	Engineering services of first phase studies of power supply to pumping stations of Tabriz water supply line 2 and construction of four small scale generator units (4*25) MW and eight units of small hydroelectric power plant with a capacity of 6.8 MW	Mohab Quds	Studies	3437/5	100%
3	Engineering studies of stages 1 and 2 of the transmission of power lines and telecommunication network inside Shahrir dam reservoir	East Azarbaijan Regional Water	Studies and design	1093/75	100%
4	Engineering services of phase 3 of the transmission of power lines and telecommunication network inside shahrir dam reservoir	East Azarbaijan Regional Water	Excellent supervision and workshop	0	100%
5	Engineering studies of the first and second phases of power supply required by the first construction plants through national network and distributed generation and engineering studies of the first phase of irrigation and drainage network of Sahhand Hashtrud	East Azarbaijan Regional Water	Studies and design	187/5	100%
6	Engineering services for preparing technical and commercial documents tender for the construction of 6 substations above distribution of 132.20 kV and a substation of 132.400 kV as well as construction of 4 small scale generator units (4*25) MW by external finance method and cooperation in the process of selecting the contractor of the power supply network of pumping stations for the Aras water transfer project to the east and northeast of Urmia Lake	East Azarbaijan Regional Water	Designing	25000	100%
7	Engineering services of the third stage of power supply to the pumping stations of the internal network of Golfray, the development of operation of Aras	East Azarbaijan Regional Water	Excellent supervision and workshop	937/5	100%
8	Engineering studies of stages 1 and 2 of the project of moving power lines and supplying electricity for the property of 534 Abyaran Multipurpose Cooperative Company located in Qezelgeh Meydan area near Tabriz-Miane Road Police	East Azarbaijan Regional Water Company Multipurpose Cooperative	Studies and design	31/25	100%
9	Consultation, estimation, preliminary studies of power supply and power supply of Snowand Azar Iron Smelting Company (formerly Aurora) at a rate of 25 MW	Snowman's smelter of Azar	Studies	4687/5	100%
10	Feasibility studies including consulting and management services on engineering services (load estimation, initial studies of power supply and power supply) in Shahrir new town	East Azerbaijan Jihad	Studies	5625	100%
11	Investigation and studies of the first phase of electricity supply in the first phase of Besat Industrial Town	East Azarbaijan Industrial Estates Company	Studies	4218/75	100%
12	Designing a substation in Besat Industrial Town	East Azarbaijan Industrial Estates Company	Designing	468/75	100%
13	The third stage of mobile substation supervision in Besat industrial town	East Azarbaijan Industrial Estates Company	Excellent supervision and workshop	0	100%
14	Engineering Services for Electrical Supply Studies of Akhula Industrial Town- Tabriz Steel Industries Co.	Shahrir Steel Industry Company	Studies	781/25	100%
15	Engineering and technical calculations studies, detailed design (step 2), accurate determination of the location of the implementation, determination of work volumes and implementation scheduling based on the first stage studies	Snowman's smelter of Azar	Designing	406/25	100%
16	Feasibility studies, obtaining necessary permits and preparing the construction site of the power plant with a capacity of 500 MW expandable with a capacity of 1000 MW in Besat Industrial Town	Pars Structure Company	Studies	40625	100%
17	Engineering services of 20 kV network design and super-distribution network of the first phase of Besat Industrial Town and design of variant line 132 kV branch of foreign investment town	Electricity Company	Designing	156/25	100%
18	Contract of engineering services of the third stage (supervising and workshop) of the variant project of the 132 kV line of foreign investment town	East Azarbaijan Industrial Estates Company	Excellent supervision and workshop	0	100%
19	Project management and management consultancy in the field of investment consulting services and feasibility studies report on the construction of small scale CHP power plant in order to make employer decisions or to provide banking system for participation and facilities	Azar Sadid	Studies	1875	100%
20	Feasibility studies, obtaining the necessary permits for construction of small scale CHP power plant with a capacity of 25 MW in one of the industrial towns of East Azerbaijan province	Azar Sadid	Studies	3125	100%
21	Project management and management consultancy in the field of investment consulting services and preparing feasibility studies report on the construction of chp small scale power plant of Azar Hadid Company	Azar Hadid Bonab	Studies	1875	100%
22	Engineering services stages 1 and 2 studies, basic design and preparation of technical specifications, preparation of technical and commercial documents and obtaining power supply permits of Azar Hadid Bonab Steel Complex in the first phase of 6.5 MW and the final phase of 32 MW and engineering services stage 3 supervising and workshop on executive operations	Azar Hadid Bonab	Designing Excellent supervision and workshop	437/5	100%
23	Feasibility studies engineering services, technical and economical investigation of electricity supply including load distribution and short connection of projects of Tabriz Steel Development Holding Company with anticipation of ongoing projects and future plans of ministry of energy in the region and in accordance with the standards of the Ministry of Energy and directive No. 1809/11 dated 91/05/07 Tavanir Specialty Parent Company (with a capacity of 320 MW)	Tabriz Steel Development Investment Company	Studies	4218/75	100%

Projects

No.	Contract Title	Employer Name (Company)	Studies and Design/Supervision	Project amount at the time of contract exchange	Project Progress (Percent)
25	Project management contract and management consultancy in the field of supplying electricity required by 70 hectares of Shahriar Square through construction of a small-scale CHP generator unit with capacity (25x1) MW in order to make the decision of the employer or to provide the banking system for participation and receiving facilities	Zarin Shahriar Company Company	Studies	1875	100%
26	Project management contract and management consultancy in the field of supplying electricity required by 70 hectares of Shahriar Square through construction of a small-scale CHP generator unit with capacity (25x1) MW in order to make the decision of the employer or to provide the banking system for participation and receiving facilities	Zarin Shahriar Company Company	Studies	1875	100%
27	Engineering services of second phase studies of power supply by creating power transmission lines to diesel wells	East Azerbaijan Regional Water Company	Designing	375	85%
28	Project management, consulting and management in the field of investment consulting services and preparing feasibility studies report on the construction of chp small scale power plant with a capacity of 127 MW	Pars Structure Company	Studies	9375	100%
29	Mapping and mapping the site topography of Snound Azar Maragheh factory and the location assigned to the post of 132/20 kV dedicated distribution	Snowbilled Azar Company	Designing	0	100%
30	Technical-financial studies and investigations to prepare the investment package for the construction of a small-scale CHP generator unit with a capacity of 25 MW	Snowbilled Azar Company	Studies	1875	85%
31	Engineering services of the third stage of construction of 132/20 kV substation and construction of 132 kV communication line	Snowman's smelter of Azar	Designing Excellent supervision and workshop	0	70%
32	Project management, consulting and management in the field of investment consulting services and preparing feasibility studies report on the construction of chp small scale power plant with a capacity of 25 MW	Snowman's smelter of Azar	Studies	3125	100%
33	Stage engineering services (supervising and workshop) approaching the power supply by creating power transmission lines to diesel wells	East Azerbaijan Regional Water	Excellent supervision and workshop	468/75	100%
34	Third stage engineering services (supervising and workshop) power supply operations of pumping stations of Sahhand Dam with construction of super-distribution substation and backup electricity (dedicated generator)	East Azerbaijan Regional Water	Excellent supervision and workshop	406/25	100%
35	Review and approval of network studies, design and supervision of steel development factories and industrial group in Darpad	Steel Development Investment Company	Designing Excellent supervision and workshop	6250	100%
36	Complementary services of third stage engineering services (supervising and workshop) displacement of power lines and telecommunication network inside Shahriar dam reservoir	East Azerbaijan Regional Water	Excellent supervision and workshop	937/5	100%
37	Studies on electricity supply in Mianeh 2 industrial town and Zenooz industrial zone	East Azerbaijan Industrial Estates Company	Studies	687/5	100%
38	Basic and detailed design engineering services of substations 132/20 kV and 132.230 kV for power supply of Zenooz Steel Complex and Sabalan Steel Complex	Tabriz Steel Development Investment	Designing	1562/5	100
39	Design of the super-distribution network for electricity supply required for the first phase of 70 hectares of Shahriar International Square in Tabriz	Zarin Shahriar Company Company	Designing	625	100%
40	Engineering services overseeing the design documents of the development of two feeders of the 132 kV line in Bardsir post	Sirjan Steel Complex Company	Designing	156/25	100%
41	Engineering services for monitoring power transmission lines and substations of Karamabad Poldasht network	West Azerbaijan Regional Water	Design and supervision of excellent and workshops	5312/5	90%
42	Carrying out the complementary engineering services of the third stage of supervision of the workshop of electricity supply operations of the pumping stations of the Sahhand Dam payab network	East Azerbaijan Regional Water	Design and supervision of excellent and workshops	406/25	100%
43	Engineering services reviewing the second and third phases of power supply to pumping stations of Dasht-e-Ykanat	East Azerbaijan Regional Water	Design and supervision of excellent and workshops	1562/5	95%
44	Engineering services and power supply studies of the development phase of Besat Industrial Town	East Azerbaijan Industrial Estates Company	Studies	23690/625	100%
45	Engineering Services for Electrical Supply Studies of Charavimaq Industrial Town (Sheet)	East Azerbaijan Industrial Estates Company	Studies	10953/125	100%
46	Engineering services of the third stage of power supply to pumping stations of Dasht-e-Ykanat	East Azerbaijan Regional Water	Excellent supervision and workshop	1562/5	90%
			Total	173,406	

Project Analysis







Projects underway and finished by the company:

Consulting engineering services and economic feasibility of projects include:

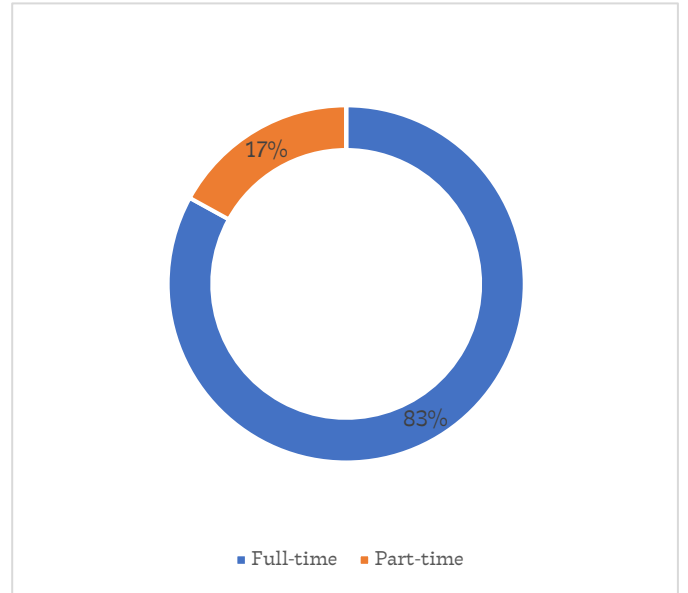
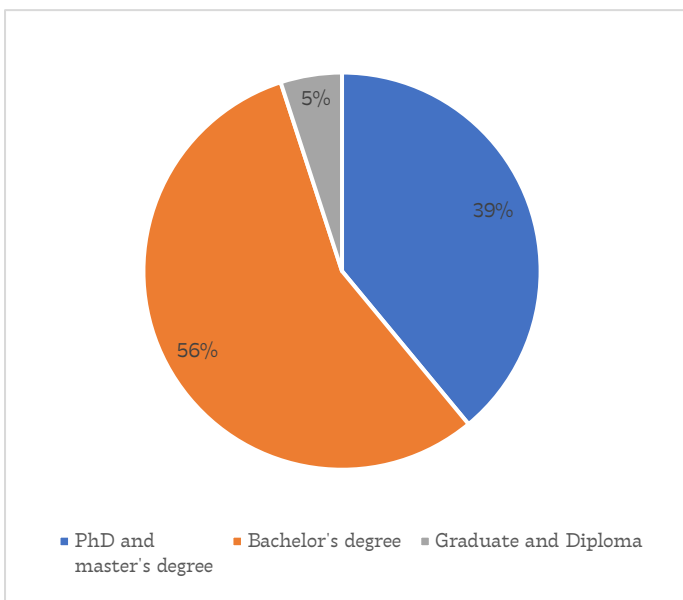
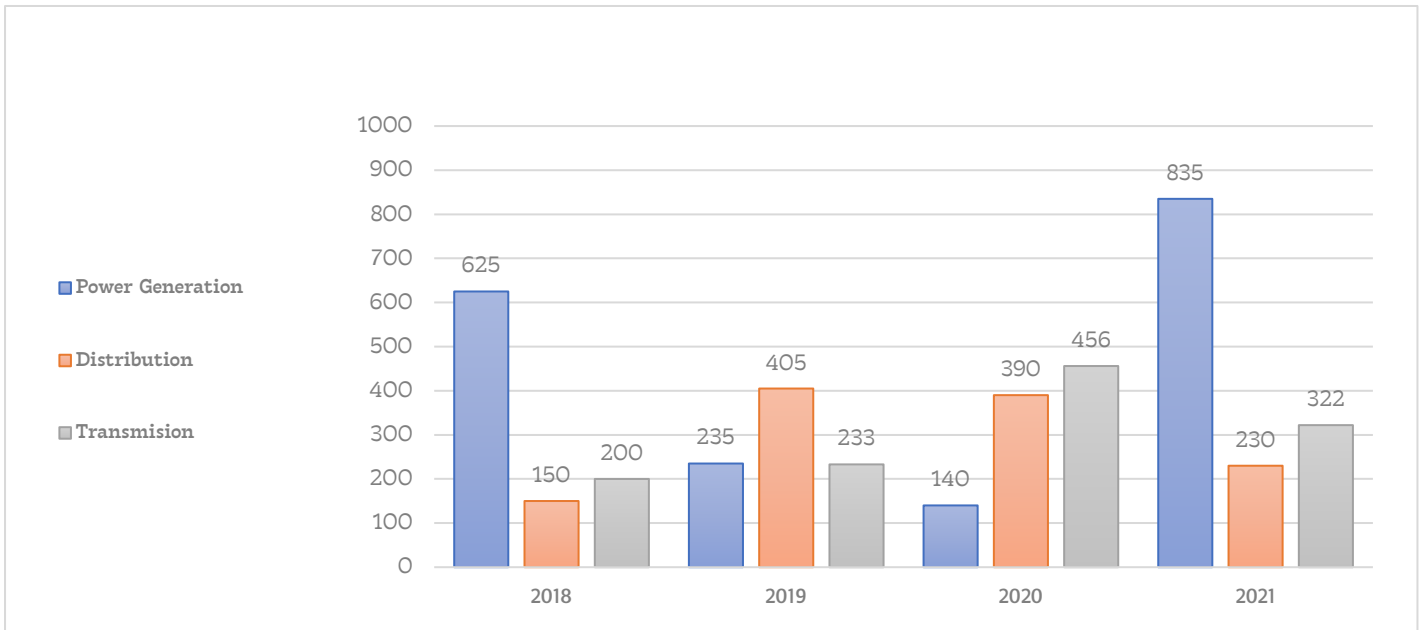
- Studies, basic design, detailed design, preparation of technical-commercial documents and higher supervision and workshop on executive operations
- 46 Projects
- Estimated work execution of 174 million Dollars in the time of contract
- Engineering services fee of contracts exchanged half million Dollars

No	Field	Subject	Capacity / Length (Unit)	Total
1	Production	Large power plants	627 MW	2
		Small scale generators	350 MW	14
		Hydrogenerators	6/8 MW	8
		Wind Power Plants	7 MW	1
2	Transfer	230 and 400 kV lines	12 KM	-
		Posts 230 and 400 kV	625 MW	2
3	Super Distribution	Lines 63 and 132 kV	132 KM	7
		Posts 63 and 132 kV	1500 MW	17
		Fiber optic network and telecommunication platform	141 KM	3
4	Distribution Networks	Distribution Posts	150 MW	238
		20 kV Ground Air Lines	360 KM	-
		Low air and ground pressure network	163 KM	-
		Street Lighting Network	187 KM	-

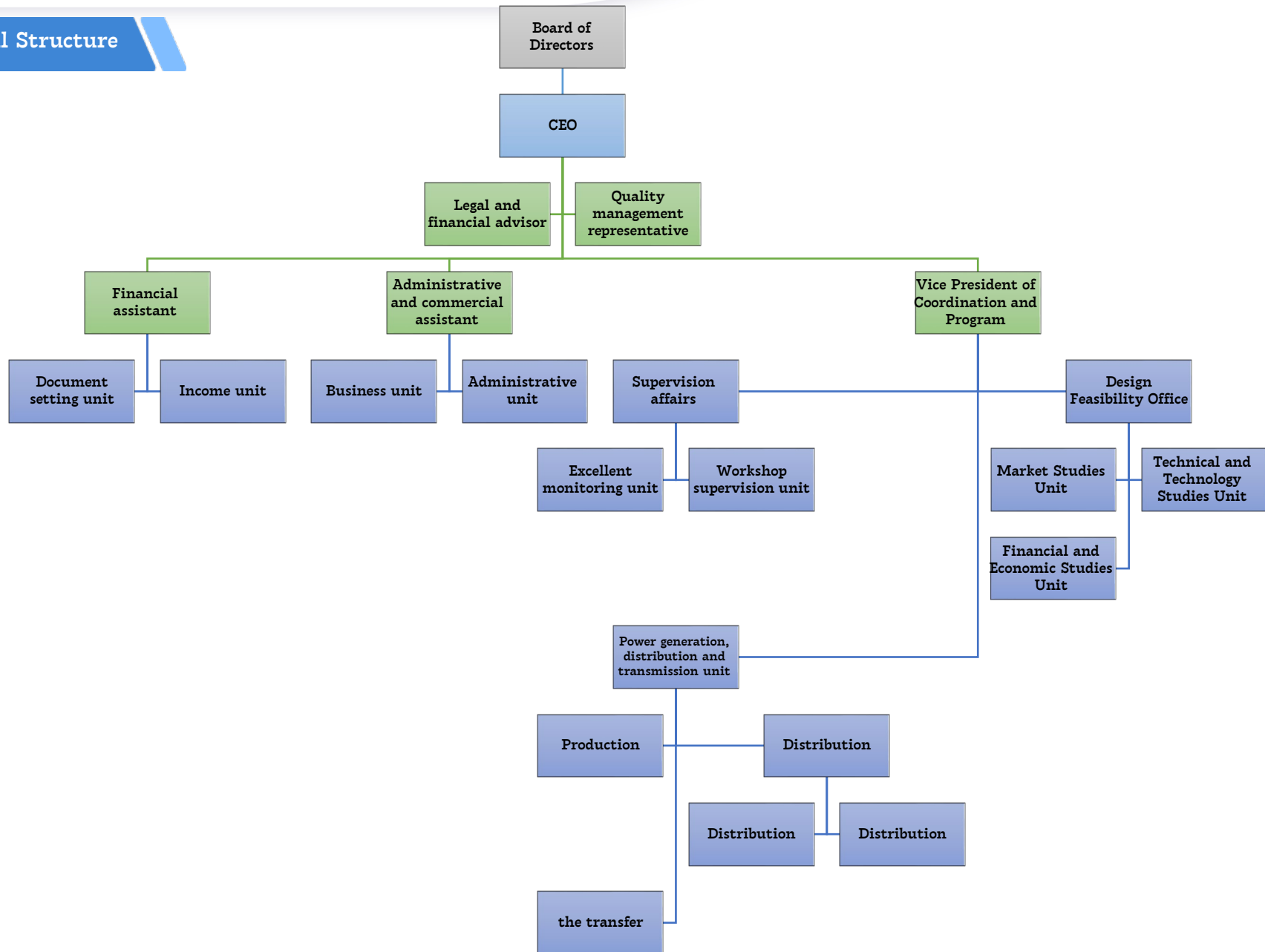
Partnership

 <p>شرکت آب منطقه‌ای</p>	<p>East Azerbaijan Regional Water Company Studies, design and supervision of electricity supply of Golfaraj plain pumping stations and Aras water transfer with 198 MW</p>
	<p>West Azerbaijan Regional Water Company Studies, design and supervision of electricity supply of Karamabad Poldasht pumping stations with 34 MW</p>
 <p>توسعه سرمایه‌گذاری دریاک</p>	<p>Drake Investment Development Group Studies, design and supervision of power supply of steel plants with 400 MW</p>
 <p>شرکت پارس ساختار PARSAKHTAR CO.</p>	<p>Pars Sakhtar Company Studies, power supply design of steel plants with 50 MW</p>
	<p>Snond Azar Maragheh Iron Smelting Company Studies, design and supervision of electricity supply with 25 MW</p>
 <p>شرکت پارس ساختار توسعه سرمایه‌گذاری دریاک</p>	<p>Jahad Khanesazi House Construction Co. Studies, design of electricity supply of Shahriar new town with 120 MW</p>

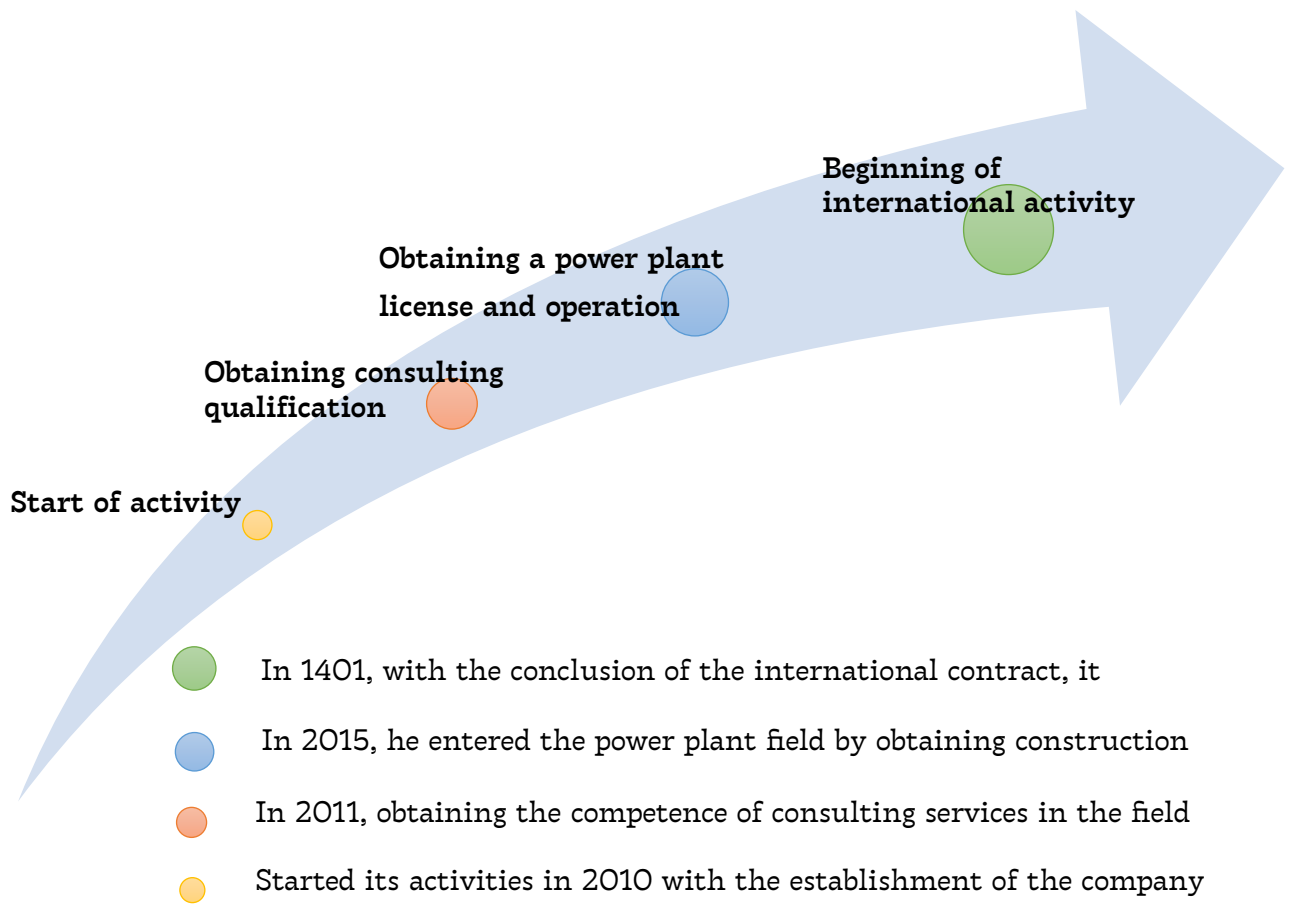
Chart



Organizational Structure



Progress Process



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