

11. Main and Branch offices

Main office: No.20, 23rd St Gandhi Ave, Tehran, Iran

Other Offices:

No.17, 23rd St Gandhi Ave. Tehran, Iran

No.12, 23rd St Gandhi Ave. Tehran, Iran

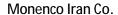
No.21, 23rd St Gandhi Ave. Tehran, Iran

No.13, 17th St Gandhi Ave. Tehran, Iran

No.51, Gandhi Ave, 1st Floor Tehran, Iran

No.51, Gandhi Ave, 4th Floor Tehran, Iran

Isfahan: 4th Floor, Goldis Building, Amadgah Ave, Isfahan, Iran

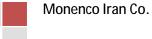


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Monenco Iran at a glance

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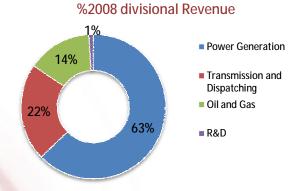
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Monenco Iran at a glance

About us

Monenco Iran Consulting Engineers Co. (Monenco Iran) as one of the leading Consulting Engineers Companies in Iran was founded in 1973 as a joint venture company between the private sector of Iran and Montreal Engineering Co. of Canada.

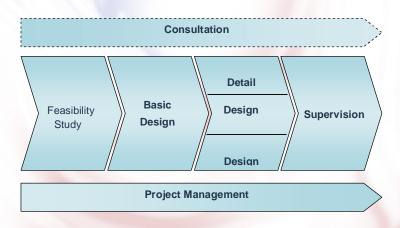
In the late 1990s, MAPNA, a leading manufacturer and EPC contractor of power plant & heavy industry projects in the Middle East, AMEC, a distinguished international EPC contractor, and MIR Investment Co. (cooperation of Monenco Iran employees) became the major shareholders of Monenco Iran.



Our Services

Professional staff and modern management systems have enabled Monenco Iran to provide engineering and consultancy services across Iran and other countries.

Thermal Power Plants, Electrical Power Transmission, Oil & Gas infrastructure, System & Energy Studies, Renewable, Cogeneration, Dispersed Generation, Information and Communication, Dispatching & Control, Electrical Railways, Mining, Rehabilitation & Retrofitting and Feasibility Studies are Monenco Iran major fields of activities.



Vision

- An Excellent Company in providing Design, Engineering, Consulting and Supervision Services at Electric Power and Energy Industries
- The Progressive organization among Iran power industry's Engineering Consultants
- An Active Company in Oil, Gas, Petrochemical industries and other related industries
- The well-known company internationally, with technical knowledge and up to date standards
- Pioneer in optimizing applicable methods (procedures) and tools
- Pioneer in quality and productivity
- An organization with modern management systems
- Applied R&D

10. Key Personnel



AliReza Shirani Member of the board - CEO



Bahman Masoudi Oil & Gas Deputy

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Shirani.Alireza@monenco.com





Ahmad Darafshdar Engineering Deputy



Hossein Sarrafpour Power Generation Deputy

Darafshdar.Ahmad@monenco.com

Sarrafpour.Hossein@monenco.com



Pooya Ansarimehr System and Planning Deputy



Faramarz Ghelichi
Transmission and Dispatching Deputy

Ansarimehr.Pooya@monenco.com

Ghelichi.Faramarz@monenco.com



Elham Sadeghian Productivity & Quality Manager



Zabihollah Parvaneh Administration Deputy

Sadeghian.Elham@monenco.com

Parvaneh.Zabihallah@monenco.com



Mojtaba Noroozian Energy & Systems Studies Manager

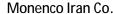


Ramin Khoshkho
Research and Development Manager

Noroozian.Mojtaba@monenco.com

Khoshkho.Ramin@monenco.com





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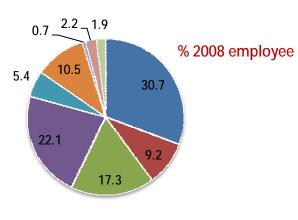
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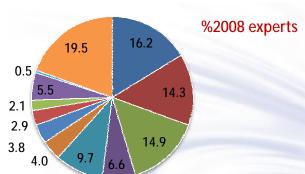
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Balance SheetAt 20 March 2009

Liabilities and Equities	1386/12/29	1387/12/30	Assests	1386/12/29	1387/12/30
	Rial	Rial		Rial	Rial
Accounts Payable:			Current Assest:		
Accounts Payable	1,266,114,332	1,553,516,901	Cash ans Bank	7,245,115,346	7,429,748,630
Credit for Mapna Group.	41,962,985,566	106,528,360,916	Short- term Investments	3,814,267,692	727,630,836
Other Accounts Payable	39,329,259,656	69,101,773,882	Accounts Receivale	12,389,212,284	17,174,358,280
Advanced Received	1,796,022,878	7,203,618,153	Debit of Mapna Group	53,045,915,311	69,071,510,382
Tax Provision	706,532,294		other Accounts Receivale	15,044,384,890	32,762,639,138
Porti on of Borrowing		69,373,698,630	Project in progress	5,178,653,547	4,481,903,448
			Material & Goods Inventory	467,717,222	460,444,258
			Prepayments	5,061,971,277	8,415,953,368
Total Current Liabilities	85,060,914,726	253,760,968,482	Total Current Assests	102,247,237,569	140,524,188,340
Non-Current Liabilities:			Fix Assest:		
Long- term Acounts Payable	19,835,131,437	44,254,010,347	Tangible Assests	39,795,883,662	224,926,138,755
Benefits Reservation for Employees Termination	3,019,323,628	6,915,522,212	Long-term Investments	4,717,018,855	4,717,018,855
Total Non-Current Liabilities	22,854,455,065	51,169,532,559	Intangible Assests	2,800,000,000	1,400,000,000
			Other Assests	1,129,411,236	1,251,421,417
Total Liabilities	107,915,369,791	304,930,501,041	Total Fix Assests	48,442,313,753	232,294,579,027
Equities:					
Capital	18,750,000,000	30,000,000,000			
Legal Reserve	1,875,000,000	3,000,000,000			
Other Reserve	7,173,531,912	7,173,531,912			
Accumulated Profit	14,975,649,619	27,714,734,414			
Total Equities	42,774,181,531	67,888,266,326			
Total Liabilities and Equities	150,689,551,322	372,818,767,367	Total Assests	150,689,551,322	372,818,767,367



- engineering deputy
- system & planing deputy
- transmission & dispaching deputy
- power generation deputy
- oil & gas deputy
- administrashion deputy
- productivety & quality management
- R & D
- others



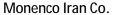
- power electrical engineers
- civil enginners
- mechanical engineers
- electronic & control engineers
- technicians & CADists
- process engineers
- economists & managements
- telecomunication engineers
- computer engineers
- indusrial engineers
- geologistic and mine engineers
- others

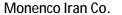
Monenco Objectives:

- Optimization of power and petrochemical plant designs with minimum impacts on environment
- Enhance of design procedures and Improve quality of the systems in order to cost optimization in power generation and transmission systems
- Increase of technical knowledge in basic and detail design activities, engineering, consulting, and supervision in the fields of electric, oil, gas and the other industries
- Research, development and improvement of design procedure in order to be economic and extending the ability to use renewable energy resources for power generation
- Increase capability of worldwide competition
- Improvement technical knowledge in basic and detail design
- Rehabilitation and retrofitting of existing power plants with minimum expenses and environmental impacts

Company's Partners and Clients







1. High light

* Iranian financial year starts on 20 March each year.

"Contract awarded has unexceptionally been twofold in last two years."

"Company's sales has been increased by 74% with respect to 1386 sales."

Key Performance Indicators (million R)

	1386 (20 March 2008)	1387 (20 March 2009)
Revenue	118,168	205,630
Cost	80,323	128,107
Gross Profit	37,844	77,523
Net profit	14,085	28,194

"Gross Profit increased about 200% from 1387 to 1386."

"Net profit has been twofold in 1387 compare to 1386."

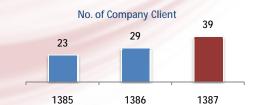
"Monenco Iran has developed its business in new markets as well as new fields like Mining and Railway."











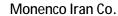
Monenco Iran Co.

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8. Profit (Loss) Statement Income at 20 March 2009

Monenco Iran (Private Joint Stock Co.)

_	1386 (at 20 March 2008)	138 at 20 Mar	
Services Income	118,168,343,592	205,629,687,387	
Services Finished Price	-80,323,383,352	-128,107,177,023	
Gross Profit	37,844,960,240	77,522,510,364	
General and Administrative Costs	-18,853,633,586		-38,072,842,263
Other Operational Income (net)	140,600,000		168,000,000
	-18,713,033,586	-37,904,842,263	
Net Profit	19,131,926,654	39,617,668,101	
Financial Costs	_		-4,373,698,630
Accumulated Profit in the beginning	1,069,252,704		1,761,295,674
	1,069,252,704	37,005,265,145	
Profit Before Tax	20,201,179,358	37,005,265,145	
Tax on Income	-6,115,358,367	-8,811,180,350	
Net Profit	14,085,820,991	28,194,084,795	
Net Profit	14,085,820,991	28,194,084,795	
Accumulated Profit in the beginning	23,903,831,765		26,731,687,343
ů ů	-3,049,003,137		-11,756,037,724
Accumulated Profit in the beginning-modified	20,854,828,628	14,975,649,619	
Increase In Capital (1386&1387)	-11,250,000,000	-11,250,000,000	
Profit Distribution	23,690,649,619	31,919,734,414	
Appropriation of Profit:			
Legal Reserve	-1,125,000,000		-1,125,000,000
Dividend	-7,500,000,000		-2,800,000,000
Board Bonus	-90,000,000		-280,000,000
Allocable Profit	-8,715,000,000	-4,205,000,000	
Accumulated Profit in the Final Period	14,975,649,619	27,714,734,414	



7. System & Energy

System & Energy Study Center was established in Monenco Iran in response to increasing need for system studies in the field of production and utilization of energy and related industries in Iran and neighboring countries. The vision of this center is to expand its activity in a world-class level both for local and foreign markets. To achieve these goals, the center has employed the highly educated experts and getting use of the most advanced softwares in each field. System & Energy Study Center has focused on the following fields:



Transmission and Distribution Systems

- Transmission and Distribution Planning
- Reliability Assessment of Power System
- Utilization of FACTS Devices for Improving Power Systems Performance
- Static and Dynamic Stability Analyses
- Power Quality Analyses
- Power System Electromagnetic Analyses
- Protection and Relay Coordination Analyses

Energy Systems

- Distributed Generation Planning
- New and Renewable Energies Implementation Analyses

Power Plants

- Dynamic and Static Modeling and Analyses
- Efficiency Enhancement Analyses
- Emission Reduction Analyses

Industries

- Study of Electrical Energy for Industrial Plants
- Island Mode Analyses and Network Connection
- Power Quality Enhancement Analyses

Electric Railway

- Feasibility Studies
- Study of Electrical Energy for Electric Railways
- Power Quality Enhancement Analyses
- Reliability Enhancement Analyses

Projects, Year 2008

- Island Mode Analyses of Iran LNG and South Pars Utilities
- Tehran-Mashhad Electric Railway Pre-feasibility Studies
- SAVEX (SAVE For export) Project
- Supervision of SVC installation in Iran 230 kV grid

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2. C.E.O. Overview

For reaching to the top, three essential steps must be undertaken. First the goals and objectives of the



Monenco Iran Co.

company must be well defined. Second qualified engineers and staff must be employed and finally the company management team must develop the management system with highest possible liquidity and transparency.

Last year Monenco Iran developed its strategic plan as well as the 5 years development plan. In the beginning of the year, its detail annual program was defined. Based on the strategic plan and detail program established its training courses and required employment as well as partnership and joint ventures.

Research and development office was followed to define the applied research projects related to the company scope of works and ISO and EFQM certificate followed in order to create the maximum liquidity and transparency in the system. Since it was needed to extend the scope of services of the company a reorganization plan of the company followed and new departments and divisions created. Since some tasks were finished some other merged departments.

Thanks to the management team and the well trained staff of the company and albeit supports of its major client and share holder, **MAPNA**, Monenco Iran stands in a position that not only has a very well suited infrastructure but also a sustainable market in Iran and neighboring countries.

Monenco's client's responses as well as the high growth of contracts awarded show that this strategy was successful in fulfilling the clients requirements. Clients response time is less than that one can imagine in a somehow restricted market like energy industries.

Locating in a country that not only has one of the highest reservoir of fossil energy in the world, but also is in the middle of high energy demand countries in the east, west, north and sought, makes the future of this company more fantastic. Of course Monenco can ,or must be one of the best for the consultancy services for these potential clients and this makes this believe stronger that Monenco still has too many tasks to follow but what is clear is that: its succeed is completely guaranteed.

Ali Reza Shirani CEO and managing director



3. Quality and systems

The Quality and Productivity Office is in charge of managing company Productivity and Quality, including Productivity control, monitoring and analyzing the processes, continual improvement of the system and enhancing Customer Satisfaction.

In line with ISO 9001-2000 requirements, this department has developed procedures and policies to aid employee compliance with procedures being constantly enhanced and measured to ensure conformity to customer and applicable regulatory requirements and therefore total client satisfaction.

This office is responsible for control of the quality policy and aims internal audits, management review to assure the quality management system suitability, sufficiency and effectiveness of monitoring, measuring and controlling the quality of the processes.



Some of the improvement projects in 1387 (20 March 2008- 20 March 2009):

Improvement Project	start	finish
Integrated projects control systems	1386	1387
Performance evaluation system	1386	1387
Document and work flow management system	n 1386	-
Knowledge management	1387	-
Suggestion System	1387	1387

Main activities in 1387:

- Design and implementation of Technical Assessment accordance technical checklists
- Definition of indicators and targets
- Implementation of performance evaluation and using its results for remuneration for personnel
- Checking the trends of indicators' results and what an organization plans to do and the reasons for it
- Benchmarking and comparing our performance results with others
- Identifying strengths and areas for improvement through self assessment and challenging the status quo
- Definition of improvement projects
- Effecting changes by utilizing learning to create innovation and improvement opportunities
- Managing and improving process in order to more satisfy and generating increase value for customers
- Review the strategies, goals and approaches effecting



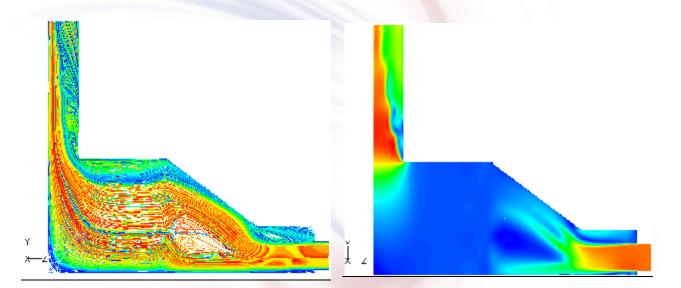
"Monenco Iran passed the external assessment for Iranian National Productivity and Excellence Award (inpe – based on EFQM) in 1387 and has won the "committed to excellence" award in the category of large scope service sector."

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R&D duties include:

- Developing technical software's for study, design, engineering and system rehabilitation of plants.
- Conducting technical and economy studies in order to maximize efficiency of systems and to minimize costs.
- Improvement of plant performances, development of engineering and design of equipment and parts for manufacturers.
- Obtaining technical know how of new design and engineering and solution for optimization of plants.
- Modifying the procedures of operation, maintenance, protection and utilization of plants.
- Helping the clients to apply updated and high technology equipment in plants in order to achieve more reliable out puts and products.
- Design and engineering of renewable and new energies power plants due to their large potential in the country and in the world.
- Creating new methods to control the air, water and solid pollutants more efficiently and to reuse and recycle
 wastes.



Goals of R&D Department:

- Exploring research capabilities and capacities in different Monenco Disciplines and help them to use the capabilities in their engineering works.
- Coordination between Monenco and MAPNA groups as major manufacturers in order to compile executive approaches in order to choose suitable technology.
- Seeking for the improved approaches to attract and naturalize the selected technologies.

Monenco Iran Co.

- Guiding the planning and design disciplines to identify useful research projects and allocate financial supports for the projects.
- Providing required facilities for especial scientific training of the engineers in order to update their engineering and technical knowledge.
- Communication with academic and research centers inside and outside the country in order to activate necessary research projects.

6. Research and Development

Research and Development (R&D) in Monenco Iran aims to increase efficiency and improve quality of products. Improvement of design, manufacturing procedures and engineering methods cause increase of efficiency and reliability and decrease of expenses and wastes and finally cause increase client's satisfaction.

Research groups of Monenco Iran work closely with manufacturers, universities and clients to develop the systems and products to meet future requirement by using new technologies. R&D of Monenco steps up the challenge of creating the pioneer systems and engineering services that enhance energy efficiency, reliability and productivity.

Monenco meets the present and future demands of industries, while helping clients to make a better use of available resources, preserves the environmental impact and maintenance costs as low as possible.

R&D Office is involved in the Following Projects:

HRSG of 6CC Project

This project is intended to repower the Old CCPP in Iran. In summer time the power output of CCPP decreases due to the reduction in air density. To recover this reduction, additional combustion in HRSG by duct burner is investigated. Result shows an increase in steam turbine power output with duct burner. This increase is limited to the cooling system capacity and HRSG characteristics.

CFD of HRSG in Rajaei CCPP

This project followed Rajaei CCPP Repowering Project. Present project, consiered the influences of heat distribution pattern in HRSG by Fluent code. As the major result gas temperature and velocity distributions on the third super-heater is studied carefully. Finally, based on temperature restriction of heat exchanger materials and uniform heat flux distribution on the third super-heater, duct burners configurations are decided.

TOT of ACC

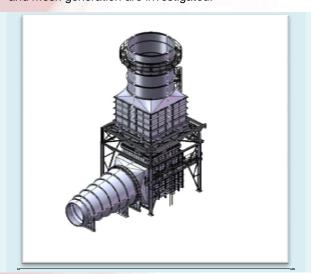
The project called TOT of ACC deals with Technology Transferring of Air Cooled Condenser's Design, Engineering and Construction Know-How from Swiss company, INNOSPIN, to Monenco Iran. This includes acquisition of design and construction know how of ACC cooling system. This objective is supposed to be completed sequently over four different combined cycle power plant projects namely, Isfahan II, Abadan I & II and the fourth project to be determined later. Currently, a portion of documents corresponding to two of these projects have been received and are under inspection of Monenco's experts. The know-how of Tube Bundles manufacturing for ACC system is also under transferring.

<u>Updating of the Thermal Power Plant Technical</u> Specification

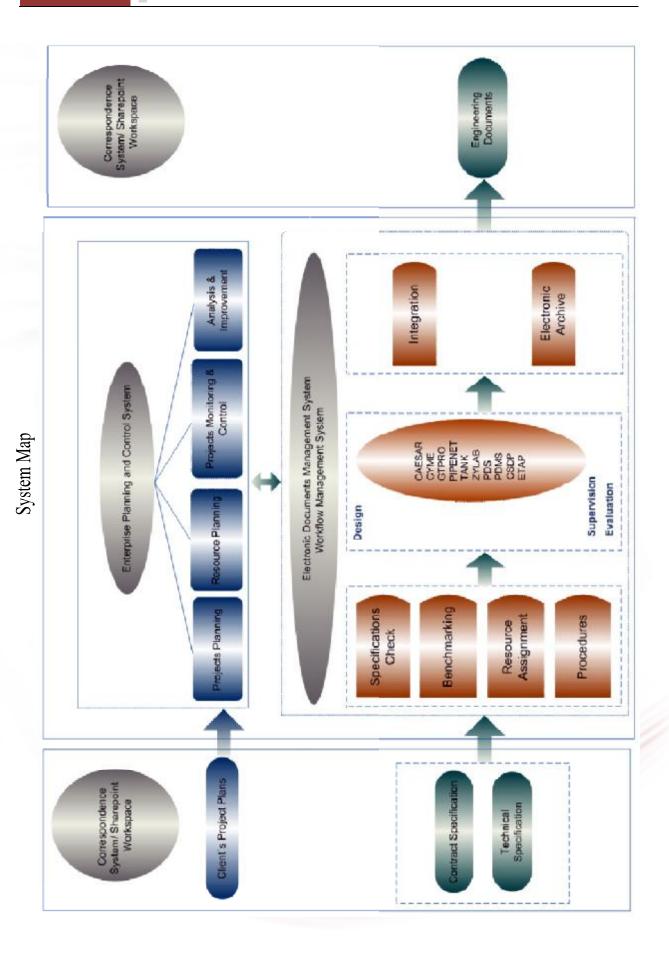
The goal of this project is preparing an updated version of the thermal power plant technical specification of the IPDC Tender Documents. The scope of the project is Steam Turbine, Gas Turbine and Combined Cycle Power plant. Currently, related documents of combined cycle technical specification have been revised and updating of Steam and Gas Turbine power plant documents are in progress.

structural and fluid dynamics analysis of air intake and exhaust gas systems

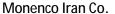
This project mainly deals with structural and fluid dynamics analysis of turbine V. 94 air intake and exhaust systems. This includes geometrical modeling, mesh generation and Fluid and structural solid analysis of the systems in GAMBIT, FLUENT, Solid Works and ANSYS software. Currently, the geometrical modeling and mesh generation are investigated.



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Monenco Iran Co.



4. Power Generation

2008 was a busy year for power generation department. While Iran ministry of energy festinated its requirements for new power plants; some additional projects in Syria and Iraq added to our portfolio and so compared to previous years of Monenco, 2008 was a unique year for our engineering services.

The installed capacity of Iranian power plants is around 52000 MW and proudly it can be said that till now around 60 percents of these power plants were designed by Monenco power generation division.

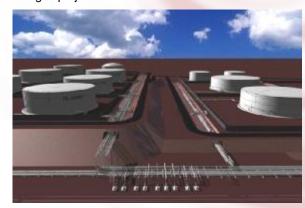
It is assumed that this share increases to 70 percent in 2009 while some of ongoing projects completed and came into operation in that year. In the year 2008 Monenco power generation division was also successful in design standardization and implementation of ISO 15926 in its design procedures.

In this process Monenco was selected as the one to prepare the standard tender documents for gas, steam and combined cycle power plants for Iran ministry of energy and also was awarded a contract to develop MAPNA standard combined cycle power plant.

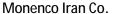
Table 1 New power plant contracts awarded to Monenco

Name	Туре	Capacity Mw	Location
Hishreen	Combined cycle	2x162+1x160	Syna- Demascus
Aliabad	Gas Turbine	6x 162	Mazandaran -Iran
Shirvan	Combined cycle	320	Khoresan - Iran
Iran LNG	Combined cycle	5x162+2x160	Hormozgan Iran
Abadan	Combined cycle	320	Kozostan- Iran
Khoremshehr	Ges Turbine	2x162	Khozestan - Iran
Esfahan	Combined cycle	2x182+1x180	Esfahan- Iran
Jahrom	Combined cycle	480	Khorasan Iran
Pars	Utilities	2x162	Assloyoh- iran
Semnan	Ges Turbine	4x162	Semnan - Iran
Najaf	Gas Turbine	2x162	Najaf- Iraq
Zenjen	Ges Turbine	4x 162	Zanjan- Iran
oromien	Gos Turbine	2x162	Azarbayejan Iran
Conevoh	Combine cycle	2x162+1x160	Fara - Iran
Kahnoj	Combined cycle	2x182+1x180	Khorasan- Iran
Kermanshah	Ges Turbine	2x 162	Kermanshah - Iran

Thanks to the engineering methodologies as well as powerful tools of Monenco, not only Monenco could follow the requirements of these projects but also is going to make itself ready for some additional projects of renewable and coal fired power plants in near future. Another important challenge of power generation department was the extraction of oil and gas projects from this department and formation of a new section for Monenco. This new section as the oil and gas department will work under the supervision of the CEO and will be responsible for engineering services in downstream oil and gas projects.







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5. Power Transmission and Dispatching

There are five groups under supervision of this deputy management. These Groups are responsible for all projects in Power transmission networks, Substations, Transmission Lines, Automation & Dispatching, and Telecommunication networks; These Engineering services are provided for all voltage levels. Recently, engineering services associated with Geology and Mining, Distributed Generation (DG), and renewable energy resources are added to the activities of this division.





Although financial crisis, economical shocks, and petroleum price reduction had extreme effects on different global and regional projects' budget and progress, this deputy management succeeded to meet the year target. In 2008, it is worth to note that our income increased 46% compared with that of 2007.

Compared with 2007, signed contracts had more than 51% increase and number of clients increased from 24 to 30 which shows 25% increase in 2008. These progresses were great because of Clients' satisfaction.

Special consideration on quality improvement, increasing activities' speed in contracts and projects, training programs and workshops for personnel, exploiting new and up to date software packages and technologies, and outstanding take part in international and national seminars and symposiums as a leading engineering company, resulted in 11 papers presented at national conferences and journals and 12 technical reports for introducing new technologies which are of a high importance and benefits to be exploited in power systems. It should be noted that 90% of these technical reports resulted in engineering service contracts. Also, this part of activities has a major effect on improving clients' satisfaction and projects' progress.

Compared with our competitors who faced a financial crisis, we had a great financial improvement. Politics and strategic planning of the company, the realistic predictions, and reliable personnel are the important parameters to reach this outstanding place and improving.

