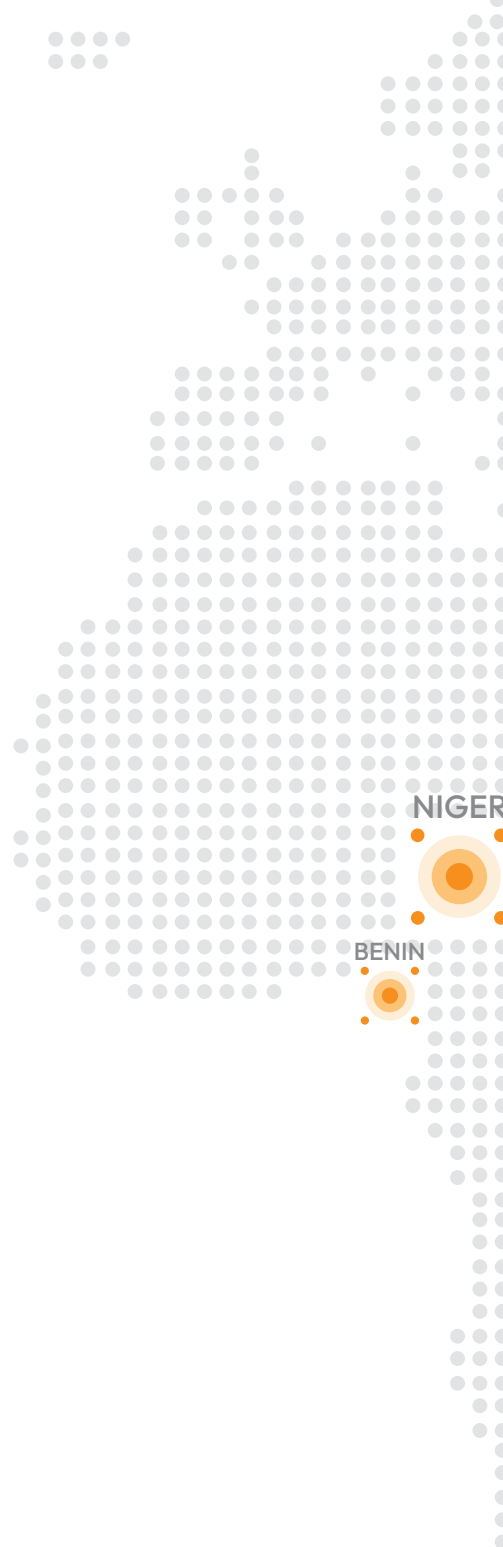




PARSIAN GROUP



PARSIAN GROUP





SYRIA

IRAN

AFGHANISTAN

DUBAI

YEMEN

BANGLADESH

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PARSIAN GROUP





Introduction of the group

PARSIAN GROUP is a group of companies which are well known as general contractors in the field of power plant, transmission and distribution of electric energy, supplying & execution of gas insulated substation and electrical and control panels, communication systems, scada system, DCS of power plant, substation and other industries, industrial systems(oil, gas, petrochemical, cement, steel), electrical transport system & utility.

Parsian group is capable to supply all electrical needs of different industries. Now the group consists of headquarter, Executive departments and the companies (Parsian HV Substations Development) as EPC contractors of companies (Peimann Khotoot Gostar, Parsian Power And Industries, Development Parsian Rail Power Supply Development & Parsian International).

Our performance has been proven in more than 300 Mega projects in mentioned fields. Parsian is today renowned for having an outstanding record of execution of AIS/GIS high voltage substations ranging from 63 to 400kV, DCS and BOP of power plants and a lot of other electrical projects in local and overseas. Our business is not only restricted in Iran's market but also in countries like Syria, UAE, Bangladesh, Afghanistan, Yemen, Benin and Niger.



The Board of Directors

Mehdi Miremadi

Chairman of the Board

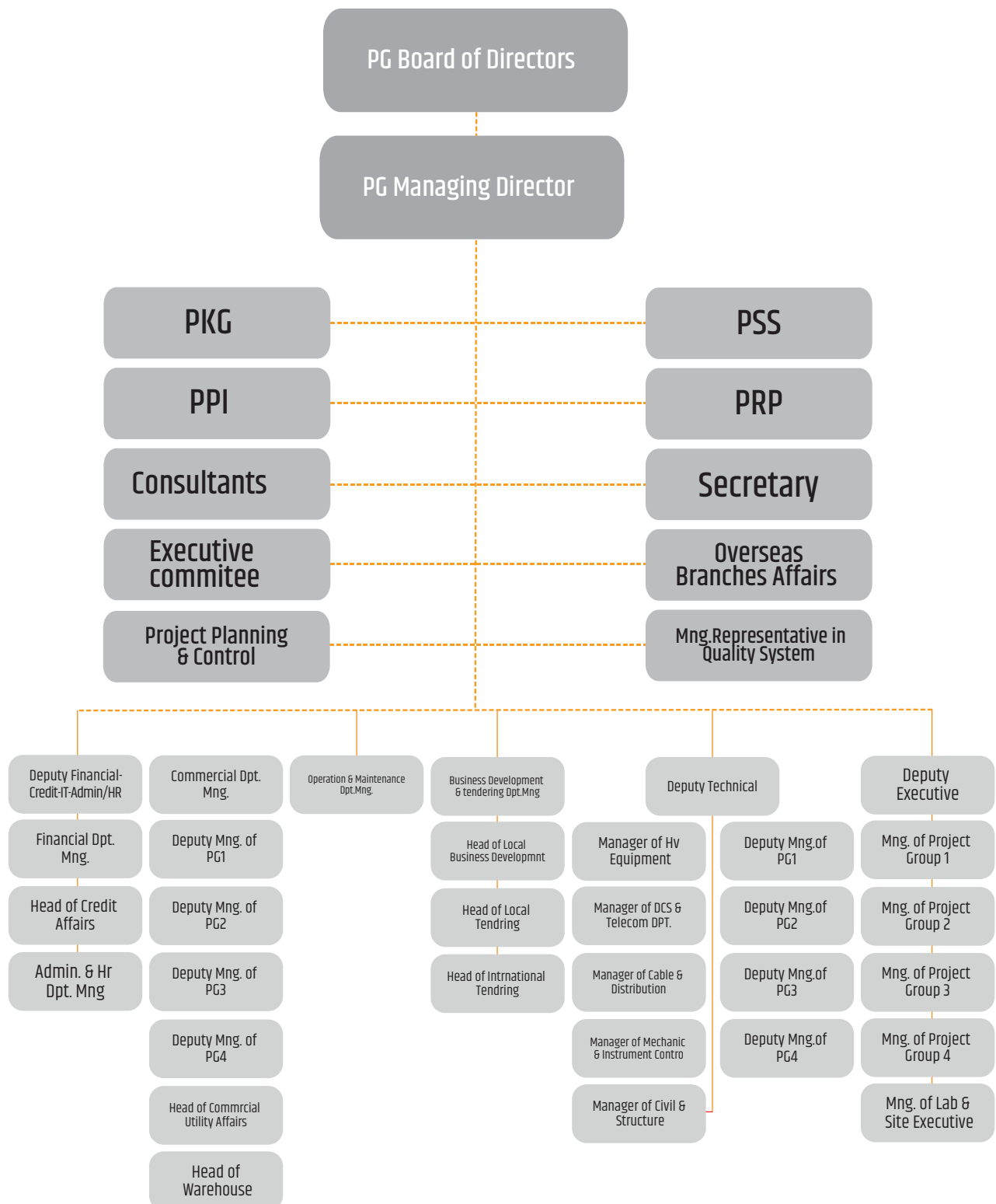
Reza Molaee

Managing Director & Vice-Chairman of the Board

Alireza Lajevardi

Member of the Board

Organisation chart



Number of Staff

Compnay Name	Number of Staff
Total Staff of Parsian Group	560

Turnover

Compnay Name	Total Turn Over (Million Eur)				
	2018	2019	2020	2021	2022
Parsian Group	35M€	41M€	46M€	51M€	62M€

PARSIAN GROUP



PARSIAN HV SUBSTATIONS DEVELOPMENT CO. (PSS)



Company Profile

Parsian High Voltage Substations Development Company was established in February 1993 as an ISO certified general contractor for implementation of distribution and transmission projects, BOT and BOP either electrical or mechanical of power plants, engineering services for DCS, SCADA, PLC and HMI design, Railway and urban electrification and large electrical installations to the utilities and industrial complex in Iran and abroad.

Using the most modern and developed methods, materials and knowledge is always considered as an efficient instrument of our policy to secure Parsian long-term future as a liable partner for expansion of power network in domestic and international market. Parsian is today renowned for having an outstanding record of execution of AIS / GIS high voltage substations ranging from 63 to 400kV, DCS and BOP of power plants and a lot of other electrical projects in local and foreign states, which has had a great impact on our policy to move to other regions to develop required engineering services. some of parsian task was submitted gradually to other companies of the group, like peimann khotoot gostar, etc.

We are technically advanced to take advantage of every opportunity to offer specific expertise services and products, which for sure will meet the regional and extra – regional electrical projects requirements.

It's worthwhile to be expressed that for the past decade, due to the highly qualified personnel, the realm of the company's activities expanded in technical, tendering, financial, administrative, commercial and international departments, rigorously in compliance with scientific management and world technical experience achievements. The performance results state the prominent expansion of the company, not only in Iran, but also in other countries so that we could establish several branches in different locations. nearly 70 percent of our staff are engineers and technicians, the rest of the personnel of various disciplines are trying to do their utmost in other divisions such as commercial, financial ... to promote the area of the company's policies goals.

Local performance and market share

In 1993 due to the new expansion of Iran Power Network, specifically with regard to the urgent requirement for a lot of packages of following projects:

- EHV & HV transmission substations (400kV, 230kV, ...)
- Sub-transmission substations (132kV, 63kV, ...)
- EHV & HV transmission lines (400kV, 230kV, ...)
- MV switchgear (33kV, 20kV, 11kV, ...)
- Electrical BOP of Power Plants Which were planned to be immediately implemented

throughout the country, the need for a local EPC general contractor with large scale engineering and technical capabilities to undertake the responsibility to execute such a projects became a matter of great urgency.

Within the Iranian Ministry of Energy, those who were involved, made greatest possible efforts to create, Parsian High Voltage Substations Development Company, to fill up the gap in the market by forming all necessary design groups that we mention here to meet local market needs and demands.

- Civil, Architectural and Mechanical Installation
- Steel Structure
- Layout and Buswork
- Earthing and Lightning systems
- HV & MV Equipment, Transformers and Reactors
- Gas Insulated switchgear (GIS) Metal clad Switchgears (GIS & MV)
- Cabling system
- Control and Metering
- Control and Instruments
- Protection Systems
- Control and Automation Systems for Industrial Plants
- SCADA and Telecommunication Systems
- Distribution and Electrical Installation

In 1993 Parsian decision makers put an end to the monopoly of all foreign companies which were playing an exclusive role in the country's electrical fields. In a decade as Parsian went along, it could be allocated nearly eighty percent of the market by executing one hundred contracts pertaining to the national grid, oil and industry ministries and private sectors projects.

It's noticeable now that the remaining percentage of the market share was divided among other local companies. Today Parsian as Iran 2006 exemplary General Contractor is diversifying its scope of works in order to secure a sustainable position as a recognized local market leader and surely tomorrow, it will be playing a major part of the Iranian electrical power industries.

Parsian founded in 1993 as a large scale ISO certified EPC General Contractor for high voltage substations, transmission lines, BOP, BOT and DCS of power plants to respond urgently to the huge requirements of power development in Iran. Due to the technical experience and scientific background of Parsian staff, one of the biggest projects of (the Iran Power Development Company) comprising twenty five 400kV substations on a turnkey basis could be awarded to Parsian that was later completed in due time, meeting all requested and highly recommended technical standards of the Iranian Ministry of Energy, subsequently in a short time period of ten years, we executed more than two hundred substations ranging from 63 to 400kV for state and private bodies in Iran and abroad, among them the biggest and most modern 400kV Substation in the Middle East was damavand substation, located in Tehran with 27 CB which completed in 10.5 months, largest GIS 132kV Mobin substation of our region with 66 CB and the construction of the huge Abadan 230kV power plant substation within 5.5 months which was considered as one of the state-of-the-art technical design and the lowest possible completion time in its kind as our best record, ever executed, even compared to other world class general contractors for this kind of project.

After local successful implementation of more than two hundred GIS/AIS substations, DCS, and BOP of power plants and a lot of other sophisticated electrical projects, we decided to export our technical and engineering services to the countries of our region, to fulfill an efficient role for expansion of power network in the neighboring states. Therefore within the specified scope of work we actively took part in the regional tender processing, introducing ourselves as a reliable partner for expansion of power network in the Middle East, Asia and Africa, succeeded to perform a lot of electrical projects.

It's worthwhile to mention that after a decade of comprehensive EPC coverage of electrical projects in domestic and foreign markets, we have been awarded in October 2004, 2006, 2007, 2008, 2009, 2010 the prize of exporting technical and engineering services of the Iranian Exemplary General Contractor by the President of the Islamic Republic of Iran.

You will be seeing below a few of selected projects related to this subject executed in these regions:

- Mushrif II 132/11 kV GIS substation in Dubai
- Moradpour 33/11 kV GIS substation in Bangladesh
- Rampour 33/11 kV GIS substation in Bangladesh
- 10 Nos. of 66/20 kV substations in Damascus, Syria
- 4 Nos. of 132/20 kV substations in Niger, Africa
- One 132/ 20 kV substations in Afghanistan
- Lighting system and associated works of Cotonou and Porto - Novo in Benin Republic in Africa
- Extension of 10 Nos. of 230 kV line feeders in Syria
- 3+ 1 Nos. of 66/ 20 kV substations in Syria
- 30+8 Nos. of 66/20 kV substations in Syria
- 4 Nos. of 400/132/20 kV substations in Yemen
- 10+1 Nos. of 66/ 20 kV substations in Syria
- 5 Nos. of 66/ 20 kV substations in Syria

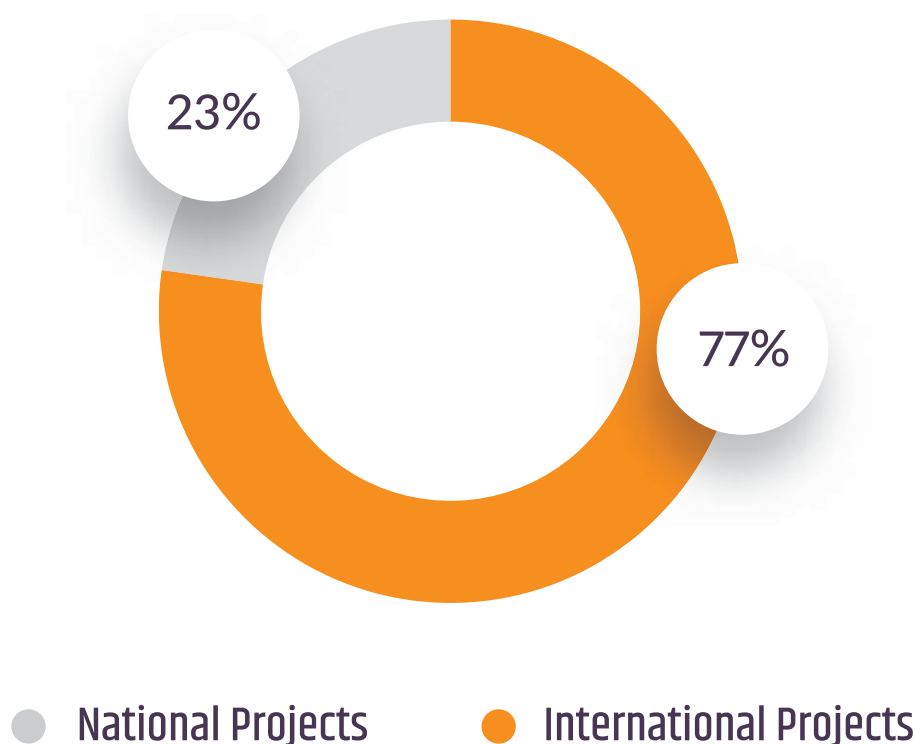
In addition to Parsian's head office in Tehran and in order to attain fluent activity and communication, Parsian arranges area offices headed by his senior managers. Presently two active offices are available.

Presently two active offices are available.

Having had satisfactory and favorable accomplishments abroad, now the company searches for new projects in order to even more expanding the domain of its activities rather than in Syria, Yemen, Benin and Niger. Markets of Ethiopia, Mali, Burkina Faso, Afghanistan, Iraq, Saudi Arabia, Lebanon, Algeria and Libya are Parsian's further programs for extension.

Parsian Intrnational Establishment

Was established in 1995 in Vaduz- Liechtenstein, in order to be a reliable partner for our overseas commercial affairs. Over the past years it could facilitate the supply of necessary equipment, related to Parsian High Voltage Substations Development Co.'s projects.



Reference List

Item	Client*	Plant Site	Technical Particulars
1	(TREC) (IPDC)	KAN S/S	20/230/400 KV S/S
2	(AREC) (IPDC)	KHOY S/S	20/20/132KV S/S
3	(GREC) (IPDC)	GILAN S/S	20/230/400 KV S/S
4	(WREC) (IPDC)	KERMANSHAH S/S	20/230/400 KV S/S
5	(KWPA) (IPDC)	SOUTH AHWAZ S/S	33/132/230 KVS/S
6	(BREC) (IPDC)	KHORAM ABAD S/S	20/63/230/400 KV S/S (TURNKEY)
7	(KhREC) (IPDC)	GHAEN S/S	20/132/400 KV S/S
8	(HREC) (IPDC)	BANDAR POHL S/S	20/63/230 KV S/S
9	(SREC) (IPDC)	SEM NAN S/S	20/230/400 KV S/S
10	(MREC) (IPDC)	ALAMDEH S/S	63/230 KV S/S
11	(FREC) (IPDC)	CHOGHADAK S/S	20/132/230/400 KV S/S
12	(FREC) (IPDC)	KAZERUN S/S	400 KV S/S
13	(AREC) (IPDC)	ARDEBIL S/S	20/63/230 KV S/S
14	(SBREC) (IPDC)	DAMGHAN S/S	20/63/230 KV S/S
15	(TREC) (IPDC)	REY NORTH S/S	20/230/400 KV S/S
16	(MREC) (IPDC)	ALIABAD S/S	20/230/400 KV S/S
17	(SBREC) (IPDC)	KHASH S/S	63/230 KV S/S (TURNKEY)
18	(KhREC) (IPDC)	TOUSS S/S	20/132/400 KV S/S
19	(HREC) (IPDC)	JONAH S/S	20/132/230 KV S/S (TURNKEY)
20	(BREC) (IPDC)	HAMEDAN S/S	20/230/400 KV S/S
21	(TREC) (IPDC)	PARK JANGALI S/S	20/63/230/400 KV S/S
22	(KREC) (IPDC)	KERMAN P/P S/S	230 KV S/S
23	(SBREC) (IPDC)	EXTENSION TO IRANSHAHR S/S	230 KV S/S
24	(TREC) (IPDC)	EXTENSION TO MONTAZERGAEM P/P S/S	230 KV S/S
25	(TREC) (IPDC)	EXTENSION TO SHAHID RAJAEI P/P S/S	400 KV S/S
26	(KhREC) (IPDC)	EXTENSION TO NEYSHABOR P/P S/S	400 KV S/S
27	(FREC) (IPDC)	EXTENSION TO FARIS P/P S/S	230 KV S/S
28	(AREC) (IPDC)	EXTENSION TO KHOY P/P S/S	132 KV S/S
29	(KhREC) (IPDC)	EXTENSION TO SHARIATIE P/P S/S	132 KV S/S
30	(KWPA) (IPDC)	KARKHEH P/P S/S	400 KV S/S (TURNKEY)
31	(KWPA) (IPDC)	KAROUN 1 P/P S/S	400*2 KV S/S (TURNKEY)

Item	Client*	Plant Site	Technical Particulars
32	(TREC) (IPDC)	MODIFICATION IN KAN 230 KV EXISTING S/S	230 KV S/S
33	(KhREC) (IPDC)	EXTENSION OF GHAEN S/S	132 KV S/S
34	(AREC) (IPDC)	EXTENSION OF KHOY S/S	230 KV S/S
35	(ZREC) (IPDC)	ZANJAN(SHAHID GHAYATEE)P/P S/S	20/63/230/400 KV S/S
36	(AREC) (IPDC)	EXTENSION TO ARDEBIL S/S	230 KV S/S
37	(SCDC)	SHOAIBIEH S/S	33/132 KV S/S (TURNKEY)
38	(SCDC)	AMIRKABIR S/S	33/132 KV S/S
39	(SCDC)	DEHKHODA S/S	33/132 KV S/S
40	(SCDC)	DEABAL S/S	33/132 KV S/S
41	(SCDC)	GHAZZALI(SALMAN) S/S	33/132 KV S/S
42	(DEWA) UAE	MUSHRIF-DUBAI S/S	GIS 11/132 KV S/S (TURNKEY)
43	(IKIA)	AIRPORT S/S	20/230 KV S/S (TURNKEY)
44	(FPC)	B.I.P.C S/S	66/132 KV S/S (TURNKEY)
45	(FPC)	RAZI S/S	11/132 KV S/S (TURNKEY)
46	(FPC)	FAJR INTERFACE FPC S/S	132KV S/S
47	(FPC)	FAJR	40Km 132 KV LINE
48	(KWPA) (IPDC)	MASJED SOLEIMAN P/P S/S	400 KV S/S
49	(KWPA) (IPDC)	KAROUN 3 P/P S/S	400 KV S/S
50	(HREC)	GHESHM S/S	20/230 KV S/S
51	(HREC)	EXTENTION TO WEST BANDAR ABBAS S/S	230 KV S/S (TURNKEY)
52	(HREC)	EXTENTION TO BANDAR ABBAS P/P S/S	230 KV S/S (TURNKEY)
53	(TREC)	KAMAL ABAD S/S	230 KV S/S
54	(TREC)	NEUTRAL RESISTOR OF TR.FOR SHOOSH S/S	63KV SIDE OF 63/230 KV TR
55	(BREC) (IPDC)	ARAK P/P S/S	230 KV S/S
56	(AREC)	EXTENSION TO SHAFI S/S	230 KV S/S
57	(IREC)(E.S.CO)	EXTENTION TO TIRAN S/S	400 KV S/S
58	(HREC)	HORMOZ ISLAND 20KV SUBMARIN CABLE	CIVIL WORKS AND EXTENSION OF CONTROL & PROTECTION PANELS
59	PEDEEE (SYRIA)	BARAMAKEH S/S	20/66kv INDOOR DCS S/S
60	PEDEEE (SYRIA)	JALA S/S	20/66kv INDOOR DCS S/S's (TURNKEY)
61	PEDEEE (SYRIA)	ZAHRA S/S	20/66kv INDOOR DCS S/S's (TURNKEY)
62	PEDEEE (SYRIA)	JERAMANA S/S	20/66kv INDOOR DCS S/S's (TURNKEY)
63	PEDEEE (SYRIA)	BORZEH S/S	20/66kv INDOOR DCS S/S's (TURNKEY)

Item	Client*	Plant Sitet	Technical Particulars
64	PEDEEE (SYRIA)	ZABLATANI S/S	20/66kV INDOOR DCS S/S's (TURNKEY)
65	PEDEEE (SYRIA)	QUSOUR S/S	20/66kV INDOOR DCS S/S's (TURNKEY)
66	PEDEEE (SYRIA)	HORSH S/S	20/66kV INDOOR DCS S/S's
67	PEDEEE (SYRIA)	RAYAAT AL SHABAB S/S	20/66kV INDOOR DCS S/S's (TURNKEY)
68	PEDEEE (SYRIA)	BOUSTAN AL QASER S/S	20/66kV INDOOR DCS S/S's (TURNKEY)
69	(M.E.C.)	KHONDAB-ARAK S/S (TURNKEY)	20/63 KV S/S (TURNKEY)
70	(N.I.O.C.)	GOLE POLE S/S (TURNKEY)	6.3/63kV S/S (TURNKEY)
71	(N.I.O.C.)	ORIM S/S (TURNKEY)	6.3/63kV S/S
72	(N.I.O.C.)	SARI S/S (TURNKEY)	6.3/63kV S/S
73	(N.I.O.C.)	NEKA S/S (TURNKEY)	20/63kV S/S
74	(KWPA)	EXTENSION TO AHWAZ SOUTH S/S	132kV S/S (TURNKEY)
75	(KWPA)	EXTENSION TO AHWAZ NORTHERN WEST S/S	132kV S/S (TURNKEY)
76	(KWPA)	EXTENSION TO DEZ DAM S/S	230kV S/S (TURNKEY)
77	(KWPA)	EXTENSION TO MOLLA SANI S/S	33/132kV S/S (TURNKEY)
78	(KWPA)	EXTENSION TO ANDIMESHK S/S	33/132kV S/S (TURNKEY)
79	(KWPA)	ABADAN INDUSTRIAL S/S	33/132kV S/S
80	(FREC)	GENAVEH S/S	20/63/230kV S/S
81	(MREC)	DARYASAR S/S	63/230kV S/S
82	(ZREC)	BOOEINZAHRA S/S	20/63/230kV S/S (TURNKEY)
83	(IPDC)	40 NOS. FIBER OPTIC TERMINALS	DESIGN AND SUPPLY
84	(BREC)	SALEH ABAD S/S	63/230kV S/S
85	(BREC)	EXTENSION TO AZNA S/S	63/230kV S/S
86	(BREC)	EXTENSION TO 63KV LINE FEEDER	63*9KV LINE FEEDER
87	(BPDB) BANGLADESH	MORADPUR S/S	GIS 11/33kV S/S (TURNKEY)
88	(BPDB) BANGLADESH	RAMPUR S/S	GIS 11/33kV S/S (TURNKEY)
89	(TREC)	25 SETS LINE PROTECTION PANEL	
90	(AREC)	NEMATABAD S/S	20/132/230kV S/S
91	(GREC)	EXTENSION TO ASTARA S/S	132/230kV S/S
92	(FREC)	FAJR GAZ REFINARY S/S	11/132kV S/S
93	(HREC)	EXTENSION TO DORAH MINAB S/S	63/230kV S/S (TURNKEY)
94	(I.P.D.C)	CHOGHADAK II GIS S/S	400kV GIS S/S (TURNKEY)
95	(I.P.D.C)	EXTENSION TO BUSDUCT OF CHOGHADAK II 400KV GIS S/S	(TURNKEY)

Item	Client*	Plant Site	Technical Particulars
96	(KREC)	EXTENSION TO BAM S/S	230KV S/S (TURNKEY)
97	(BREC)	EXTENSION TO SHAZAND P/P S/S	230KV S/S
98	(KWPA)	AHWAZ 1 S/S	33/132KV GIS S/S
99	(GHREC)	EXTENSION TO 63KV LINE FEEDER	63*5KV LINE FEEDERS
100	(EREC)	NAEIN S/S	20/63/230KV S/S
101	(EREC)	EXTENSION TO GOLPAYAGAN S/S	CONTROL & PROTECTION PANELS
102	(GHREC)	EXTENSION TO ESLAMABAD S/S	230KV S/S
103	(EREC)	SUPPLY OF TRANSFORMERS FOR SHAHID MONTAZERY S/S	20/230/400KV
104	(IRITEC)	KORATEH S/S	33/230KV S/S
105	(IRITEC)	SHAHID JAVADI S/S	11/230KV S/S
106	(IRITEC)	MAROUN S/S	11/230KV S/S
107	(MREC)	NARIVARAN S/S	20/230/400 KV S/S
108	(FREC)	SHIRINO S/S	20/132KV GIS S/S (TURNKEY)
109	(FREC)	BAHREGAN S/S	66KV GIS S/S (TURNKEY)
110	(FREC)	EXTENSION TO	66/230KV S/S
111	(TREC)	ELECTRICAL BOP OF DAMAVAND P/P	0.4 ,6.6 ,20KV
112	(KREC)	EXTENSION TO SARCHESHEH S/S	20/230KV S/S
113	(KWPA) (IPDC)	ABADAN S/S	20/132/400KV S/S
114	(KWPA) (IPDC)	EXTENSION TO MAHSHAHR S/S	400KV S/S
115	(KWPA) (IPDC)	AHWAZ N.W. S/S	20/230/400KV S/S
116	(KWPA) (IPDC)	ABADAN 2 S/S	132/230KV S/S (TURNKEY)
117	(KhREC)	EXTENSION TO NEYSHABOOR S/S	400KV S/S
118	(KWPA)	ABADAN POWER PLANT S/S	230KV DCS S/S (TURNKEY)
119	(TREC)	EXTENSION TO SHAHID RAJAEI POWER PLANT	6.6KV SWG
120	(TREC)	25km FIBER OPTIC FOR NEKA – JALAL TRANSMISSION LINE	DESIGN,SUPPLY AND INSTALLATION
121	(FREC)	EXTENSION TO	66KV S/S (TURNKEY)
122	(SREC)	SEMNAH SUBSTATION	400KV S/S (TURNKEY)
123	(FREC)	ASALUYEH S/S	20/132/400KV S/S
124	(FREC)	EXTENSION TO GHAEMIE S/S	63KV S/S
125	(FREC)	EXTENSION TO BOOSHEHR S/S	63KV S/S
126	(KWPA)	EXTENSION TO KIAN ABAD – YASOOJ – OSKO-JAFAR ABAD – AZADSHAHR AND ABADAN	11/33/132KV S/S & 3x33KV SWITCHGEAR
127	(TREC)	DAMAVAND P/P S/S	400KV DCS S/S (TURNKEY)

Item	Client*	Plant Sitet	Technical Particulars
128	(TREC)	VANAK SUBSTATION	63/230/400KV GIS S/S
129	(KREC)	EXTENSION TO BAGHEIN SUBSTATION	20/132/230KV S/S (TURNKEY)
130	(MAPNA)	132KV GIS P/P S/S	132KV GIS S/S , DCS & BOP (TURNKEY)
131	(MAPNA)	ELECTRICAL BOP FOR MOBIN P/P	(TURNKEY)
132	(KREC)	EXTENSION TO KERMAN POWER PLANT S/S	230KV S/S (TURNKEY)
133	(KWPA)	EXTENSION OF ZARGAN P/P S/S	230KV S/S
134	(FREC)	KAZEROON P/P S/S	230KV DCS S/S
135	(HREC) (MAPNA)	HORMOZGAN P/P S/S	230KV DCS S/S (TURNKEY)
136	(SBREC)	EXTENSION TO ZAHEDAN S/S	230KV S/S
137	(SREC)	2nd EXTENSION TO IRANSHAHR S/S	230KV S/S
138	(KWPA)	EXTENSION TO BEHBAHAN S/S	33/132/230KV S/S
139	(KWPA)	EXTENSION TO MAROON S/S	33/132/230KV S/S
140	(WREC)	ERSHAD S/S	20/63KV S/S
141	(WREC)	EXTENSION TO BISOTOON S/S	63KV FEEDERS
142	(WREC)	ORAMANAT S/S	20/63/230KV S/S
143	(KISH)	SUPPLY OF 60000m 300*1mm ² CABLES	20KV CABLES
144	(SBEE)	SUPPLY OF LIGHTING IN BENIN (PORTONOVO ROAD)	LIGHTING EQUIPMENT
145	(IPDC)	EXTENSION TO CHOGHADAK S/S	132/230/400KV S/S (TURNKEY)
146	(PKG)	RTU PANELS	
147	(KhREC)	HARAT S/S (IN AFGHANESTAN)	20/132KV S/S (TURNKEY)
148	(YREC)	CHOGHART S/S	132/230KV S/S (TURNKEY)
149	(IPDC)	AHWAZ 3 S/S	33/132/230KV DCS S/S (TURNKEY)
150	(IPDC)	SHIRVAN P/P S/S	20/132/400 DCS S/S (TURNKEY)
151	(IPDC)	SANANDAJ P/P S/S	20/63/230 DCS S/S (TURNKEY)
152	(IPDC)	OROUMIEH P/P S/S	20/230/400KV DCS S/S (TURNKEY)
153	(IPDC)	EXTENSION TO TAGHI DIZEH S/S	20/230/400KV S/S (TURNKEY)
154	(NIGELEC)	MARADI, MALBAZA, ILLELA AND TAHOUA S/S	132*4KV S/S (TURNKEY)
155	(HREC)	MOSALLA S/S	20/63KV GIS & DCS S/S (TURNKEY)
156	(HREC)	YADBOOD SHOHADA S/S	20/63KV GIS & DCS S/S (TURNKEY)
157	(KHREC)	RAZAVI S/S	20/132KV GIS & DCS S/S (TURNKEY)
158	(HREC)	EXTENSION TO BANDAR ABBAS GIS S/S	400KV S/S
159	(MAPNA)	SUPPLY OF ELECTRICAL EQUIPMENT OF SOUTH ESFAHAN p/p	BOP

Item	Client*	Plant Sitet	Technical Particulars
160	(KzREC)	EXTENSION TO OMODIEH 2 & 1	400kV S/S (TURNKEY)
161	(YREC)	EXTENSION TO NORTH YAZD	20/63/230kV S/S (TURNKEY)
162	(AREC)	MAHABAD S/S	132/230kV S/S (TURNKEY)
163	(AREC)	EXTENSION TO JOLFA S/S	132kV S/S (TURNKEY)
164	(IPDC)	SUPPLY OF 1600km FIBER OPTIC CABLE	132kV S/S (TURNKEY)
165	(AREC)	EXTENSION TO NASSAGI S/S	132kV S/S (TURNKEY)
166	(AREC)	EXTENSION TO SAHAND S/S	20/132kV S/S (TURNKEY)
167	(MREC)	DANIAL S/S	20/63/230kV
168	(MREC)	SAVADKOOH S/S	20/63/230kV DCS S/S
169	(N.F.C.)	NEW FARS CEMENT S/S	6.3/63kV DCS S/S (TURNKEY)
170	(KhREC)	DOOSTI DAM S/S	6.6/132*5kV DCS S/S (TURNKEY)
171	(TREC)	EXTENSION TO KAMAL ABAD S/S	63/230kV S/S (TURNKEY)
172	(FREC)	FIROOZ ABAD S/S	63/230kV S/S (TURNKEY)
173	(YREC)	ARDAKAN YAZD S/S	63/230kV S/S (TURNKEY)
174	(KhREC)	EXTENSION TO M.V SWITCHGEAR OF HARAM EMEM HOSEIN	04./11kV S/S
175	(WREC)	EXTENSION TO BISOTOON P/P S/S	230/400kV S/S
176	(KhREC)	120km TRANSMISSION LINE BETWEEN SABZEVAR AND ABBAS ABAD	400kV S/S (TURNKEY)
177	(KhREC)	70km TRANSMISSION LINE BETWEEN NEYSHABOOR AND ESFARAYEN	400kV S/S (TURNKEY)
178	(TOPEC)	BINAK AND GENAVEH 4 S/S	230kV S/S
179	(KhREC)	SUPPLY OF 132kV CABLES AND ACCESSORIES	18000 m
180	(PEDEEE)	ALLEPO DCS S/S	20/66kV DCS S/S (TURNKEY)
181	(PEDEEE)	HOMS DCS S/S	20/66kV DCS S/S (TURNKEY)
182	(PEDEEE)	DAMASCUS DCS S/S	20/66kV DCS S/S (TURNKEY)
183	(SIEMENS)	DIGITAL CONTROL SYSTEM OF	DCS SYSTEM
184	ARAK PETROCHEMICAL	ARAK PETROCHEMICAL S/S	20kV DCS S/S (TURNKEY)
185	(MAPNA)	SUPPLY OF ELECTRICAL EQUIPMENT FOR DAMAVAND POWER PLANT	BOP
186	(MOBARAKEH)	VARAGH E GALVANIZE CHAR MAHAL VA BAKHTIARY	6.6/63kV (TURNKEY)
187	(APADANASERAM)	APADANA SERAM S/S	20/230kV S/S (TURNKEY)
188	(FREC)	SADRA S/S	66kV S/S
189	(FREC)	EGHLID S/S	66kV S/S
190	(HREC)	EXTENSION TO JONAH S/S	132/230/400kV DCS S/S
191	(MAPNA)	ELECTRICAL B.O.P. OF SANANDAJ POWER PLANT	(TURNKEY)

Item	Client*	Plant Site	Technical Particulars
192	(FREC)	EXTENSION TO FAJR S/S	SUPPLY OF 4.8MVAR CAPACITOR BANK AND 11KV PANELS
193	(PEDEEE)	20/66*12kv SUBSTATION	20/66*12kv DCS S/S (TURNKEY)
194	(PEDEEE)	20/66*11kv SUBSTATION	20/66*11kv DCS S/S (TURNKEY)
195	(PEDEEE)	20/66*7kv SUBSTATION	20/66*7kv DCS S/S (TURNKEY)
196	(MAPNA)	ELECTRICAL B.O.P. OF SHIRVAN POWER PLANT	(TURNKEY)
197	(EREC)	SUPPLY OF 20/63*10kv DCS SUBSTATIONS IN ESFAHAN	20/63kv DCS S/S
198	(FREC)	NEYRIZ SUBSTATION	66/400kv S/S (TURNKEY)
199	(FREC)	EXTENSION TO GENAVEH SUBSTATION	230kv S/S (TURNKEY)
200	(MAPNA)	ELECTRICAL & MECHANICAL B.O.P. OF KAZEROUN COMBIND CICLE POWER PLANT	(TURNKEY)
201	(PEEGT)	SUPPLY OF 230*10kv Fiders	230kv S/S
202	(WREC)	EXTENSION TO DIVAN DARREH SUBSTATION	230kv S/S (TURNKEY)
203	(N.I.O.C.)	6.3/66*4 kv REY _ TABRIZ SUBSTATIONS	66*4kv S/S (TURNKEY)
204	(N.I.O.C.)	REY _ TABRIZ	66kv S/S (TURNKEY)
205	(TREC)	PARAND POWER PLANT SUBSTATION	230kv DCS S/S (TURNKEY)
206	(WREC)	EXTENSION TO ONE LINE FEEDER IN ESLAM ABAD SUBSTATION	230kv S/S (TURNKEY)
207	(KREC)	EXTENSION TO ONE LINE FEEDER IN SIRJAN SUBSTATION	400kv S/S (TURNKEY)
208	(EREC)	SUPPLY OF 20/63*5kv SUBSTATIONS	20/63*5kv S/S, DCS SYSTEM
209	(PEC)	400*4 AND 132kv SUBSTATIONS	132 & 400*4kv S/S (TURNKEY)
210	(FREC)	KANGAN TEMPORARY SUBSTATION	132/400kv S/S (TURNKEY)
211	(IPDC)	EXTENSION TO KARZEROUN POWER PLANT SUBSTATION AND RELATED TRANSMISSION LINE	230/400kv S/S (TURNKEY)
212	(TREC)	PARDIS SUBSTATION	230/400kv DCS S/S (TURNKEY)
213	(FREC)	VAHDATIEH, JAHROM3 & LATIFI SUBSTATIONS	66*4kv S/S (TURNKEY)
214	(FREC)	ROSTAMI AND EMADEH SUBSTATIONS	132*2kv S/S (TURNKEY)
215	(FREC)	KANGAN SUBSTATION	400V S/S (TURNKEY)
216	(FREC)	EXTENSION TO LARESTAN SUBSTATION	230kv S/S (TURNKEY)
217	(HREC)	HAJI ABAD SUBSTATION	132/400kv S/S (TURNKEY)
218	(KhREC)	SABZEVAR SUBSTATION	20/132/230kv DCS S/S (TURNKEY)
219	(WREC)	7th KERMANSHAH SUBSTATION	20/63kv GIS S/S (TURNKEY)
220	(WREC)	EXTENSION TO KAMYARAN SUBSTATION	20/63kv S/S (TURNKEY)
221	(CES)	FIROOZKOOH CEMENT SUBSTATION	6.3/63kv S/S (TURNKEY)
222	(KzREC)	AHWAZ 3 SUBSTATION	20/132/230kv S/S (ERECTION)
223	(TREC)	20/63*29kv SUBSTATIONS	20/63*29kv GIS S/S (SUPPLY AND TECHNOLOGY TRANSFER)

Item	Client*	Plant Site	Technical Particulars
224	(TREC)	20/132*6KV SUBSTATIONS	20/132*6KV GIS S/S (SUPPLY AND TECHNOLOGY TRANSFER)
225	(SBEE)	M.V. DISTRIBUTION LINE EQUIPMWNT	M.V EQUIPMENT
226	(SREC)	SUPPLY OF TRANSFORMERS AND REACTORS FOR SHAHROOD S/S	20/230/400kv
227	(SREC)	SHAHROOD S/S	20/230/400KV DCS S/S (TURNKEY)
228	(BREC)	KHOSHKROOD, CHEGINI, DAMAGH, KHEIRABAD AND BROOGERD 4 S/S	20/63*5kv S/S (TURNKEY)
229	AZARAB	SUPPLY OF HIGH VOLTAGE CIRCUIT BREAKER	230*2kv
230	(IPDC)	ARDEBIL P/P S/S	230kv DCS S/S (TURNKEY)
231	(CEB)	42*3MW MARIA-GELTA POWER PLANT	(TURNKEY)
232	(KEC)	KASHAN INDUSTRIAL SITE S/S	20kv S/S (TURNKEY)
233	LARESTAN CEMENT	LARESTAN CEMENT S/S	6.3/66kv S/S (TURNKEY)
234	(PEDEEE)	HADEHEHT AL SHAAEB S/S	20/66kv DCS S/S
235	(PEDEEE)	MONTEKA SENAAYA S/S	20/66kv DCS S/S
236	(PEDEEE)	AL KORNEASH S/S	20/66kv DCS S/S
237	(PEDEEE)	AREHA S/S	20/66kv DCS S/S
238	(PEDEEE)	JABAL AL ZAWEAH S/S	20/66kv DCS S/S
239	(PEDEEE)	TAL DAO S/S	20/66kv DCS S/S
240	(PEDEEE)	AL SHEKH HLAL S/S	20/66kv DCS S/S
241	(PEDEEE)	AL FAYHAA S/S	20/66kv DCS S/S
242	(PEDEEE)	ANNAZEH S/S	20/66kv DCS S/S
243	(PEDEEE)	KAN AL GOAZ S/S	20/66kv DCS S/S
244	(KhREC)	EXTENSION TO ESFARAYEN SUBSTATION	230/400kv S/S(TURNKEY)
245	(HREC)	BANDAR ABBAS 2 SUBSTATION	230/400kv S/S (TURNKEY)
246	(PEDEEE)	4*Mareb- sanaa upgrading grid	132/230/400/KV(TURNKEY)
247	(KhREC)	ABOUTALEB SUBSTATION	132/400kv DCS S/S (TURNKEY)
248	(KhREC)	20/132*6kv SUBSTATIONS	20/132kv S/S (TURNKEY)
249	(KhREC)	20/132*4kv SUBSTATIONS	20/132kv DCS S/S (TURNKEY)
250	(KzREC)	AHWAZ 1 SUBSTATION	132kv GIS S/S (ERECTION)
251	(MREC)	KATALEM RAMSAR & GHAEM SHAHR 4 SUBSTATIONS	20/63 kv GIS & DCS S/S (TURNKEY)
252	(PARSIAN)	DELIJAN CEMENT S/S	20/63kv S/S
253	(KREC)	SHAHMARAN 2 & BAM SUBSTATIONS	20/132/400kv DCS S/S (TURNKEY)
254	(KREC)	SHAHMARAN 2 LINE	400kv LINE (TURNKEY)
255	(FREC)	BARDKHOON , ALAMERVDASHT, ALISHAHR, ASALOUYE II & MEHRLAMERD SUBSTATIONS	20/132kv S/S (TURNKEY)

Item	Client*	Plant Site	Technical Particulars
256	(FREC)	JOFRE & FELESTIN SUBSTATIONS	11/66kV GIS S/S (TURNKEY)
257	(IPDC)	KORDKOY SUBSTATION	63/230kV DCS S/S (TURNKEY)
258	(MAPNA)	ASSALOUYE POWER PLANT SUBSTATION	400kV DCS S/S (TURNKEY)
259	(FREC)	FASA SUBSTATION	400kV S/S (TURNKEY)
260	(TREC)	VARAMIN & EXTENTION TO VARDAVARD SUBSTATIONS	63/400kV DCS S/S (TURNKEY)
261	(TREC)	TARASHT (SHAHID FIROUZI) SUBSTATION	230kV GIS& DCS S/S (TURNKEY)
262	(PEDEEE)	5 SUBSTATION IN SYRIA	20/66*5kV DCS S/S (TURNKEY)
263	(PEDEEE)	SHEIKH NAJJAR SUBSTATION	20/66kV DCS S/S (TURNKEY)
264	(TREC)	SAADAT ABAD SUBSTATION	20/63/400kV GIS & DCS S/S (TURNKEY)
265	(FREC)	DANESHGAH SHIRAZ	63/230kV GIS & DCS S/S (TURNKEY)
266	(MAPNA)	SOUTH PARS POWER PLANT SUBSTATION	132kV GIS & DCS S/S (TURNKEY)
267	(GREC)	SHAHRAK SANAATI RASHT , SHAHID SIADATI AND GILAN POWER PLANT SUBSTATION	20/63/230 DCS S/S (TURNKEY)
268	(KzREC)	NORTH KHOZESTAN SUBSTATION	33/132/400 DCS S/S (TURNKEY)
269	(MREC)	NARIVARAN SUBSTATION	230/400kV S/S (TURNKEY)
270	(KzREC)	BAGH MOIN SUBSTATION	132kV S/S (ERECTION)
271	(KzREC)	EXTENTION TO SHOOSHTAR, MAHSHAHR, MILAD ABADAN SUBSTATIONS	33/132/400 S/S (TURNKEY)
272	(KzREC)	ANDIMESHK & DOGONBADAN SUBSTATIONS	33/132 S/S (TURNKEY)
273	(MREC)	EXTENTION TO ALI ABAD, FAJR GONBAD & GORGAN SUBSTATIONS	63/230/400kV S/S (TURNKEY)
274	(VIAN)	VIAN STEEL SUBSTATION	6.6/63/230kV S/S
275	(PSEZ)	BESAT & EXTENTION TO MAHSHAHR SUBSTATIONS	33/132 S/S (TURNKEY)
276	(EREC)	PAKDEL SUBSTAION	20/63/230kV GIS S/S (TURNKEY)
277	(EREC)	TALEGHANI SUBSTAION	20/63/230kV GIS S/S (TURNKEY)
278	(MREC)	MAZANDARAN 1 MOBILE SUBSTATION	63/230kV GIS S/S (TURNKEY)
279	(CES)	LAMMERD SUBSTATION	3.6/132kV S/S (TURNKEY)
280	(IPDC)	EXTENTION TO SABALAN POWER PLANT SUBSTATION	230kV DCS S/S (TURNKEY)
281	(IPDC)	CHABAHR POWER PLANT SUBSTATION	230kV S/S (TURNKEY)
282	(HREC)	BARANTIN, PALOOR, SIRIK, KAVEH AND SADAF SUBSTATIONS	20/63kV DCS S/S (TURNKEY)
283	(AREC)	230*4 kV GIS MOBILE SUBSTATIONS	20/230 ,63/230 ,132/230kV GIS S/S (TURNKEY)
284	(MAPNA)	KHORAMSHAHR POWER PLANT SUBSTATION	400kV DCS S/S (TURNKEY)
285	(METRO-SHIRAZ)	20/66kV GIS NAMAZI SQAUR SUBSTATION	20/66kV DCS S/S (TURNKEY)
286	(SREC)	20/63/230/400kV REACTOR	400kV (DESIGN & SUPPLY)
287	(KhREC)	EXTENSION TO 132 & 400kV ESFARAYEN SUBSTATION	132/400kV (TURNKEY)

Item	Client*	Plant Site	Technical Particulars
288	(PSEZO)	PAYAM AIRPORT SUBSTATION	20/63kv (TURNKEY)
289	(ZREC)	63/230kv GHAZVIN & ZANJAN AND 20/63kv GHAZVIN & SHAHRARA SUBSTATIONS & 63/230kv 620/63kv	DCS S/S (TURNKEY)
290	(ZREC)	MINODAR 63/400kv SUBSTATION AND EXTENSION TO 63/400kv GHAYATI SUBSTATION	63/400kv DCS S/S (TURNKEY)
291	(MREC)	ZAGHMARZ 20/63/230kv SUBSTATION & EXTENSION TO 230/400kv NEKA POWER PLANT	230/400kv 620/63/230kv DCS S/S (TURNKEY)
292	(HREC)	GHENO SUBSTATION	230/400kv DCS S/S (TURNKEY)
293	(HREC)	ARDEBIL 2 INDUSTRIAL CITY SUBSTATION	20/63/230kv S/S (TURNKEY)
294	(MAPNA)	FAJR 2 RO-CHEMICAL GAS POWER PLANT SUBSTATION	132kv GIS & DCS S/S (TURNKEY)
295	(MAPNA)	DCS SYSTEM OF MOBIN POWER PLANT	DCS SYSTEM (TURNKEY)
296	(TREC)	EXTENSION TO DAMAVAND SUBSTATION	400kv DCS S/S (TURNKEY)
297	(BREC)	EXTENSION TO KHORAM ABAD SUBSTATION	63/230/400kv S/S (TURNKEY)
298	(EREC)	NORTH EAST ESFAHAN SUBSTATION	20/63/230/400kv DCS S/S (TURNKEY)
299	(EREC)	CHAMRAN, SHOHADA AND BOZORGMER SUBSTATIONS	20/63kv GIS & DCS S/S (TURNKEY)
300	(PGSEZ)	BANDAR ABBAS SUBSTATION	230/400kv DCS S/S (TURNKEY)
301	(HASP)	HORMOZAL MAIN SUBSTATION	20/132kv S/S (TURNKEY)
302	(BREC)	FIROZ ABAD SUBSTATION	20/63/230kv S/S (TURNKEY)
303	(HREC)	ROODKHANE SUBSTATION	20/132/230kv DCS S/S (TURNKEY)
304	(AC CO.)	AZARABADEGAN CEMENT SUBSTATION	132kv S/S (TURNKEY)
305	(SERC)	EXTENSION TO SHAHROOD 2 SUBSTATION	63/230kv DCS S/S (TURNKEY)
306	(HASP)	HORMOZAL 6025 & 6024 SUBSTATIONS	6.6/20 & 0.4/20 kv S/S (TURNKEY)
307	(MREC)	NOSHahr SUBSTATION	63/230 kv DCS S/S (TURNKEY)
308	(IPDC)	ABADAN POWER PLANT SUBSTATION	400 kv DCS S/S (TURNKEY)
309	(MAPNA)	IRAN L-N-G SUBSTATION	33 & 230 kv GIS & DCS S/S (TURNKEY)
310	(MHUD)	MOSALA SUBSTATION	20/63 kv GIS S/S (TURNKEY)
311	(MSPNS)	SOUTH PARS POWER PLANT SUBSTATION	20/132/400 kv GIS & DCS S/S (TURNKEY)
312	(MREC)	MAHMOODABAD SUBSTATION	63/230 kv S/S (TURNKEY)
313	(MREC)	TONEKABON SUBSTATION	63/230 kv S/S (TURNKEY)
314	(MAPNA)	PARS COGENERATION PLANT SUBSTATION	230 kv GIS & DCS S/S (TURNKEY)
315	(MAPNA)	PARESAR POWER PLANT SUBSTATION	230 kv DCS S/S (TURNKEY)
316	(BREC)	DELIJAN 2 SUBSTATION	230 kv S/S (INSTALLATION)
317	(BREC)	ASAD ABAD, DELIJAN, ARDEBIL INDUSTRY ZONE AND ARAK 7	20/63 kv S/S (TURNKEY)
318	(BREC)	Lajvar SUBSTATION	63/230kv S/S (TURNKEY)
319	(YREC)	TABAS SUBSTATION	132/400kv DCS S/S (TURNKEY)

Item	Client*	Plant Sitet	Technical Particulars
320	(KREC)	KAHN00J POWER PLANT SUBSTATION	230kV DCS S/S (TURNKEY)
321	(MAPNA)	FARS POWER PLANT SUBSTATION	400kV DCS S/S (TURNKEY)
322	(KPC)	KORDESTAN PETROCEMICAL SUBSTATION AND EXTENTION TO SANANDAJ SUBSTATION	20/230kV DCS S/S (TURNKEY)
323	(HREC)	ROSTAGH SUBSTATION	20/132/230kV DCS S/S (TURNKEY)
324	(IPMI)	PHASE 18 & 17 SOUTH PARS SUBSTATION	132kV GIS & DCS S/S (TURNKEY)
325	(NEAR PARS)	IRAN LNG SUBSTATION	400kV GIS & DCS S/S (TURNKEY)
326	(ZREC)	HOSEIN ABAD SUBSTATION	20/63/230kV S/S (TURNKEY)
327	(MAPNA)	JANDAR POWER PLANT SUBSTATION	400kV S/S (TURNKEY)
328	(IRITEC)	GHAENAT SUBSTATION	20/33/400kV S/S
329	(MAPNA)	GENAVE POWER PLANT SUBSTATION	230kV DCS S/S
330	(KzREC)	ISAR SUBSTATON	20/132/400kV S/S
331	(IPDC)	KARKHE SUBSTATON	400kV S/S
332	(ZISCO)	ZARAND E KERMAN STEEL SUBSTATON	20/132kV S/S
333	(FREC)	17HIGH VILTAGE BAYS	63 & 132kV BAYS
334	(TREC)	PAYAMBAR SUBSTATION	63KV S/S
335	(ZISCO)	ZARAND E KERMAN STEELTRANSMISSION LINE	132KV T/L
336	(SISCO)	SIRJAN STEEL SUBSTATION &TRANSMISSION LINE	20/230KV S/S & T/L
337	(NISCO)	NEYRIZ STEEL SUBSTATION &TRANSMISSION LINE	400KV S/S &T/L
338	(SISCO)	BARDSIR STEEL SUBSTATION &TRANSMISSION LINE	33/400KV S/S & T/L
339	(MCC)	MONDE DASHTI SUBSTATION	132KV GIS S/S
340	FARAB	AZAD POWER PLANT LINE & SUBSTATION	63KV LINE & S/S
341	NEAR PARS	PHASE 13 OF SOUTH PARSE SUBSTATION	33/132KV GIS S/S
342	(TREC)	10 SUBSTATIONS IN TEHRAN	20/63KV S/S (TURNKEY)
343	(POGC)	AKHTAR COMBIND CYCLE POWER PLANT SUBSTATION	20/132/400KV GIS S/S
344	(KFZO)	KISH 132KV GIS SUBSTATIONS	132*3KV GIS S/S (TURNKEY)
345	(OIEC)	PHASE 21 & 20 SOUTH PARS	33/132KV S/S (TURNKEY)
346	(NICICo.)	KHATOON ABAD	132/400KV S/S (TURNKEY)
347	(GESC)	GOLEGOHAR POWER PLANT SUBSTATION	230/400KV S/S (TURNKEY)
348	(MKPEC)	LINE AND SCADA SYSTEM OF CONNECTION TO KAHN00J SUBSTATION AND POWER PLANT	230KVS/S (SUPPLY & ERECTION)
349	(SRSC)	ROHINA STEEL SUBSTATION	33/400KVS/S (SUPPLY & ERECTION)
350	(SREC)	IVANAKY SUBSTATION	63/400KVS/S (TURNKEY)
351	(JFSC)	JAHAN FOOLAD SUBSTATION	33/400kV (TURNKEY)

Item	Client*	Plant Site	Technical Particulars
352	(PEDEC)	SHAHID BAGHAEI & MATN SUBSTATIONS & WEST OF KAROON DISPATCHING'S CENTER	33/230/400kV 6400kV S/S (TURNKEY)
353	(MREC)	CENTER OF MAZANDARAN S/S	20/63/230/400kV (TURNKEY)
354	(QM)	QHESHM PASARGAD GAS POWER PLANT SUBSTATION	230kV (TURNKEY)
355	(KCP)	SIRJAN COMBINED CYCLE POWER PLANT SUBSTATION	230kV (TURNKEY)
356	(PEDEC)	WEST KARUN AREA NGL 3200PROJECT SUBSTATION	33/230kV (TURNKEY)
357	(SEC)	SIRAF METHANOL SUBSTATION & KANGAN SUBSTATION EXTENSION	20/132kV&132/400kV (TURNKEY)
358	(MREC)	3MAZANDARAN SUBSTATIONS	20/63*1kV GISS/S & 20/63*2kV AIS S/S (TURNKEY)
359	(HREC)	PAYAMBAR SUBSTATION	63/230kV GIS S/S (TURNKEY)
360	(NEGELEC)	DOSSO & EXTENTION OF NIYAMI 3 SUBSTAIONS	20/33/132*2kV S/S (TURNKEY)
361	(MAPNA)	PART OF TEHRAN-MASHHAD RAILWAY ELECTRIFICATION	(TURNKEY)
362	(SHG)	RUMAILA POWER PLANT SUBSTATION	400kV S/SSUPPLY
363	(EREC)	GAS INSULATED BUSDUCT FOR CONECTIONTHE POWER TRANSFORMERS	SUPPLY & INSTALLATION
364	(EREC)	GAS INSULATED BUSDUCT FOR CONECTIONTHE POWER TRANSFORMERS 20/63/230kV	SUPPLY & INSTALLATION
365	(NIGELEC)	Extension and strengthening of the distribution network Lot 4: Rehabilitation of source stations	SUPPLY & INSTALLATION(TURNKEY)
366	(BIDBOLAND)	BIDBOLAND SUBSTATION AND LINE	20/230kV S/S & 230kV Line
367	(IWPRD)	SARPOLEZAHAB & EZGELEH SUBSTATION AND LINE	20/63kV s/s & 20 & 63 kV Line (TURNKEY)
368	IRANIAN BABAK COPPER CO.	KHATOON ABAD SUBSTATION & LINE	20/132/400kV S/S and132kV LINE (TURNKEY)
369	TANA ENERGY GROUP	HERIS COMBINED POWER PLANT	230 SUBSTATION (TURNKEY)
370	MREC	MARKAZ MAZANDARAN S/S	EXTENSION OF 230 Kv LINE FEEDER IN 230/400 Kv (TURNKEY)
371	PALAYESH PARSIAN SEPEHR	ASSALOUYEH S/S	ASSALOUYEH 20/132/400 S/S & 132 LINE (TURNKEY)
372	TREC	VARDAVARD(PARK JANGALI) S/S	20/230/400 Kv SUBSTATION(TURNKEY)
373	WREC	SAR-E-POLE ZAHAB S/S	63/230 Kv (TURNKEY)
374	(WASCO)	REZVAN S/S	20/132/400 Kv s/s(TURNKEY)
375	TREC	68 Sub Transmission Substation	33/132kV,20/132 kV,20/63kV
376	IWPCO	Azad Dam and Conveyance Line	63/230 Kv GIS
377	MREC	Extension of Tonekabon	63/230 Kv s/s(TURNKEY)
378	RVAND JAHAN ARA STEEL	JAHAN ARA s/s	34/400Kv GIS(TURNKEY)
379	KREC	Kahnoot & Jiroft s/s	132/400 Jiroft & 400 Kahnoot
380	MOBIN PETROCHEMICAL	Mobin Petrochemical GIS s/s	132Kv GIS
381	WREC	KAMYARAN	63/230 kV s/s
382	KzREC	DEZFOOL	132/400 Kv s/s
383	MREC	BEHSHAHR	63/230 Kv s/s

Item	Client*	Plant Sitet	Technical Particulars
384	KzREC	SANAYE	33/230 Kv s/s
385	LGEC	LAMERD Extension s/s	230/400 Kv
386	KzREC	Baghmalek s/s	132/400 Kv
387	KzREC	12 SET GIS s/s	33/132 Kv
388	WASCO	Extension Of SARCHESHMEH s/s and 2 SET LINE 132 Kv	20/132/230 Kv
389	MREC	Extension Of MARKAZ MAZANDARAN	63/230/400 Kv
390	TREC	DAROOS GIS s/s	20/63 Kv
391	BREC	KOHDASHT s/s	63/230 Kv
392	(NICICO.)	KHORDAYESH	20/230 Kv
393	(GREC)	WEST Of RASHT	20/63/230 Kv
394	(MREC)	GORGAN s/s	63/400 Kv
395	(OIEC)	RAMSHIR s/s	132 Kv s/s & Transmision Line
396	EREC	MAHYAR s/s	20/63/230 Kv
397	Persian Gulf Special Mining and Metal	LASHKARI s/s	230/400 Kv
398	MREC	MAHMOODABAD & BEHSHAHR	63/230 Kv
399	FREC	Extension Of SADRA	230 Kv
400	SABIR	JAHAN PARK GIS s/s	20/63 Kv
401	TANA ENERGY	NGL3100	230Kv
402	IRAN LIQUEFIED NATURAL GAS	POGC network	Implementation of telecommunication and protection plan for connection
403	ZARAND IRANIAN STEEL	ZARAND II	Extension and Renew of 230 Kv Switchgear
404	SABIR	KARAJ Metro Line 2	Power Supply, Rs, TPS, Rectifire Substation, Ac and DC Distribution
405	HIRBODAN	PASARGAD QESHM 500MW Combined Cycle Power Plant	RTU System Communication Diagrams(Fiber Optic)
406	ARVAND JAHANARA STEEL	Jahanara Steel Project	PMS System, Optical fiber and cables
407	MOVALED BARGH CASPIAN	BANDAR ANZALI CHP	2*13 MW CHP SYSTEM
408	MREC	Behshahr & Mahmoudabad 63/230KV S/S	63/230KV S/S
409	Petrochemical Industry Development	EISAR 20/132/400 KV S/S & 400 KV TRANSMISSION LINE	20/132/400 KV S/S & 400 KV TRANSMISSION LINE
410	HREC	63/230 KV LAFT SUBSTATION TURN KEY TENDER NO. 25-99	63/230 KV
411	SABIR	KARAJ METRO LINE 2 PROJECT	KARAJ METRO LINE 2 PROJECT
412	K.P.I.C	KPIC 11/230 kv SPECIAL & 230kv SWITCHING S/S	11/230 kv & 230kv S/S
413	MREC	Completion of Civil Works, Supply Equipments, Installation Behshahr	63/230 kv S/S
414	BISTOON TAMIN CO.	BISTOON TAMIN 20/63 KV S/S	20/63 KV S/S
415	K.P.I.C	KPIC 230kv TRANSMISSION LINE	230kv TRANSMISSION LINE

Item	Client*	Plant Site	Technical Particulars
416	Esfahan Steel Company	MSDS63 5 KV SWITCHING SUBSTATION	63 KV S/S
417	O.I.E.C	33/230KV CHESHME KHOSH SUBSTATION	33/230KV S/S
418	MREC	AZADSHAHR 63&400 KV TRANSMISSION LINES	63&400 KV TRANSMISSION LINES
419	BAFGH MINERAL COMPLEX IRON & STEEL CO.	BAFGH STEEL 33/400KV S/S	33/400KV S/S
420	THERMAL POWER PLANT HOLDING CO	400KV TABAS COAL FIRED POWER PLANT SUBSTATION	400KV POWER PLANT SUBSTATION
421	GOHAR ENERGY SIRJAN CO.	EXTENSION OF 230/ 400 KV GOHARAN S/S	230/ 400 KV S/S
422	Bakhtar Regional Electric CO.	63/400 KV KHOMEIN S/S	63/400 KV S/S
423	Petrochemical Industry Development	AGHAJARI-2 AND AGHAJARI-33/132 3KV S/Ss & 33 & 132 KV TRANSMISSION LINE	33/132KV S/Ss & 33 & 132 KV TRANSMISSION LINE
424	Lamerd Special Economic Zone Co.	LAMERD 20/132KV S/S	20/132KV S/S
425	CPG-PARS INTERNATIONAL MINING	BEHABAD 10MW SOLAR POWER PLANT	10MW SOLAR POWER PLANT
426	GOLGOHAR CIVIL DEVELOPMENT &	"Golgohar Industrial Area S/S	20/33/400 KV S/S

- * IPDC: IRAN POWER DEVELOPMENT COMPANY
- * TREC: TEHRAN REGIONAL ELECTRICITY COMPANY
- * AREC: AZARBAIJAN REGIONAL ELECTRICITY COMPANY
- * EREC: ESFAHAN REGIONAL ELECTRICITY COMPANY
- * GREC: GILAN REGIONAL ELECTRICITY COMPANY
- * BREC: BAKHTAR REGIONAL ELECTRICITY COMPANY
- * KWPA: KHUZESTAN WATER & POWER AUTHORITY
- * KZREC: KHUZESTAN REGIONAL ELECTRICITY COMPANY
- * KHREC: KHORASAN REGIONAL ELECTRICITY COMPANY
- * HREC: HORMOZGAN REGIONAL ELECTRICITY COMPANY
- * SREC: SEMNAN REGIONAL ELECTRICITY COMPANY
- * MREC: MAZANDARAN REGIONAL ELECTRICITY COMPANY
- * FREC: FARS REGIONAL ELECTRICITY COMPANY
- * SREC: SISTAN REGIONAL ELECTRICITY COMPANY
- * KREC: KERMAN REGIONAL ELECTRICITY COMPANY
- * SCDC: SUGAR CANE AND BY PRODUCT DEVELOPMENT COMPANY
- * IKIA: IMAM KHOMAINI INTERNATIONAL AIR PORT
- * FPC: FAJR PETROCHEMICAL COMPANY
- * E.S.CO: ESFAHAN STEEL COMPANY
- * PPP: PARSIAN POWER & INDUSTRY DEVELOPMENT
- * N.I.O.C.: NATIONAL IRANIAN OIL COMPANY
- * ZREC: ZANJAN REGIONAL ELECTRICITY COMPANY
- * IRITEC: IRANIAN INTERNATIONAL ENGINEERING COMPANY
- * KISH: KISH FREE ZONE COMPANY
- * YREC: YAZD REGIONAL ELECTRICITY COMPANY
- * TOPEC: TARH-O- PALAYESH ENGINEERING COMPANY
- * MOBARAKEH: MOBARAKEH STEEL COMPLEX
- * SERAM: APADANA SERAM COMPANY
- * CES: FARS AND KHOZESTAN CEMENT ENGINEERING SERVICE COMPANY
- * (DEWA) UAE: DUBAI ELECTRICITY & WATER AUTHORITY
- * (PEDEEE) SYRIA: PUBLIC ESTABLISHMENT FOR DISTRIBUTION AND EXPLOITATION OF ELECTRICAL ENERGY

- * (PEEGT)SYRIA: PUBLIC ESTABLISHMENT OF ELECTRICITY FOR GENERATION AND TRANSMISSION
- * (BPDB) BANGLADESH: BANGLADESH POWER DISTRIBUTION BOARD
- * (SBEE) BENIN: SOCIETE BENINOISE D'ELECRTICITE ET D'EAU
- * (NIGELEC) NIGER: SOCIETE NIGERIENNE D'ELECTRICITE
- * (PEC) YEMEN: PUBLIC ELECTRICITY CORPORATION
- * E: ENGINEERING
- * P: PROCUREMENT
- * C: CONSTRUCTION
- * I: INSTALLATION (I=ETC: ERECTION, TEST, COMMISSIONING)
- * S: SUPERVISION
- * SS: SUBSTATION
- * GIS: GAS INSULATED SWITCHGEAR
- * CCS: CONVENTIONAL CONTROL SYSTEM
- * DCS: DISTRIBUTED CONTROL SYSTEM
- * BOP: BALANCE OF PLANT
- * GTPP: GAS THERMAL POWER PLANT
- * STPP: STEAM THERMAL POWER PLANT
- * CCPP: COMBINED CYCLED POWER PLANT
- * SCTL: SINGLE CIRCUIT TRANSMISSION LINE
- * DCTL: DOUBLE CIRCUIT TRANSMISSION LINE



نام پروژه / Project Name

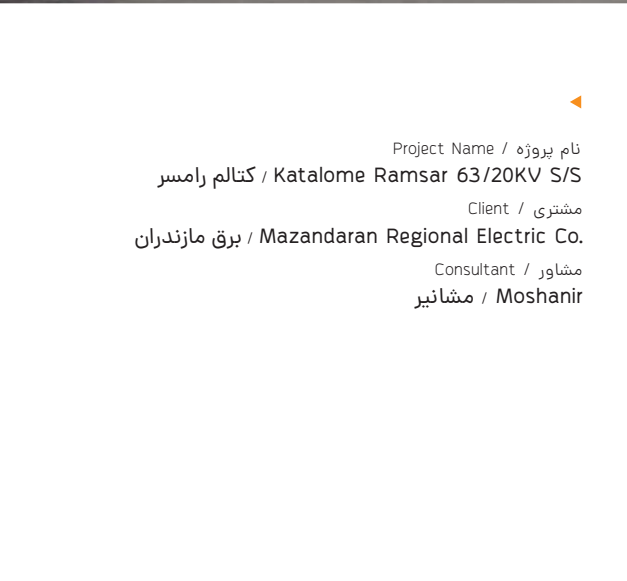
علی آباد / Ali Abad 400/230/63/20 KV S/S

مشتری / Client

برق مازندران / Mazandaran Regional Electric Co.

مشاور / Consultant

مشانیر / Moshanir



نام پروژه / Project Name

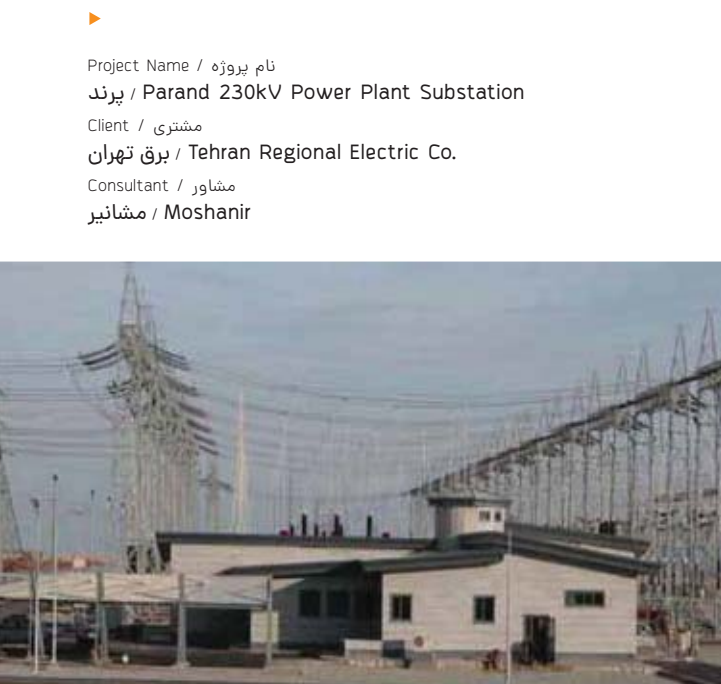
کتالم رامسر / Katalome Ramsar 63/20KV S/S

مشتری / Client

برق مازندران / Mazandaran Regional Electric Co.

مشاور / Consultant

مشانیر / Moshanir



نام پروژه / Project Name

پرند / Parand 230kV Power Plant Substation

مشتری / Client

برق تهران / Tehran Regional Electric Co.

مشاور / Consultant

مشانیر / Moshanir

نام پروژه / Project Name

شیخ بهایی / Sheykh Bahayee 400/230/63 20kv

مشتری / Client

برق مازندران / Mazandaran Regional Electric Co.

مشاور / Consultant

مشانیر / Moshanir





نام پروژه / Project Name / **کشور بنگلادش / Bangladesh 33*2/11**

مشتری / Client / **بنگلادش پاور ڈیولپمنٹ بورڈ / Bangladesh Power Development Board**



نام پروژه / Project Name / **هرات / Harat 132/20KV S/S**

مشتری / Client / **KHREC**

مشاور / Consultant / **مشانیر / Moshanir**



نام پروژه / Project Name / **کشور نیجر / Niger 132/20 KV S/S**

مشتری / Client / **شرکت برق نیجر / Societe Nigerienne d Electricite**



نام پروژه / Project Name / Mobin Utility Complex Combined Heat and Power Plant
 مشتری / Client / Mobin Petrochemical Co.
 شرکت پتروشیمی مبین / شرکت پتروشیمی مبین



نام پروژه / Project Name / Syrian 63/20 KV S/S
 Line, Jandar Project
 مشتری / Client / PEDEEE, PEEGT
 کشور سوریه / کشور سوریه

▼ Project Name / نام پروژه
 پست نیروگاه دماوند / Dmavand 400/230 Power Plant S/S
 Client / مشتری
 TREC
 Consultant / مشاور
 مشانیر / Moshanir



▼ Project Name / نام پروژه
 پست یمن / Yemen S/Ss
 Client / مشتری
 وزارت انرژی جمهوری یمن / Ministry of Energy of Yemen Republic
 Consultant / مشاور
 مشانیر / Moshanir



Certificates & Letters of Merit



دولت اسلامی افغانستان
وزارت آب و برق
رئیسیت عمومی پرشیا موسسه
رئیسیت حوزه برق ولایت هرات پهلستان

تاریخ: ۱۳۸۳/۲/۲۱
شماره: ۳۰۰

از: حوزه برق هرات
به: شرکت توسعه پستهای فشار قوی پارسیان

موضوع: رضایت از نحوه کار و اجرای پروژه پست ۱۳۲ کیلوولت هرات

اجرای پست ۱۳۲ کیلوولت هرات که زودتر از زمان مقرر و منطبق با استانداردهای ملی پروژه توسط شرکت توسعه پستهای فشار قوی پارسیان تحقق پذیرفت. مورد رضایت کلیه مهندسين و کارکنان وزارت آب و برق افغانستان بوده و امید است شرکت پارسیان در اجرای دیگر پروژه های برق در کشور افغانستان حضور فعال داشته باشد.

بدینوسیله از مدیریت شرکت پارسیان و کلیه مهندسين که در اجرای این پروژه نقش بوده اند سپاسگزاری می نماید.

با تقدیم احترام
مهر
حاج شمس احمد فوریس
رئیس حوزه برق هرات

رونوشت: ۱. جناب آقای دکتر امراللهی، قائم مقام منترم وزارت نیروی ایران
رونوشت: ۲. جناب آقای مهندس وحدتی، مدیرعامل منترم برق خراسان
رونوشت: ۳. جناب آقای مهندس بردمانی، مشاور منترم مدیرعامل برق خراسان و معرفی برق رسانی هرات

SOCIETE NIGERIENNE D'ELECTRICITE
NIGELEC
SOCIETE ANONYME D'ECONOMIE MIXTE AU CAPITAL DE : 3.356.500.000 Francs CFA
Siège Social : NIAMEY
N° RCCM : NI-MIM 2003 - S° 642
NF 1203

40, Av. du Général de Gaulle
B. P. 11 202 Niamey
Tel : 72 26 92 à 72 26 96
Fax : (227) 72 32 88
E-mail : nigelec@nigtel.ne

ATTESTATION DE BONNE FIN

Nous, soussignés M. BOUKARI Adamou, Secrétaire Général de la Société Nigérienne d'Electricité - NIGELEC - Société Anonyme d'Economie Mixte au Capital 3 356 500 000 F CFA, sise au 46 Boulevard du Général de Gaulle, attestons que la société PARSIAN HV SUBSTATION DEVELOPMENT COMPANY sise au N°39, Armaghian St., Vali Asr Avenue, TEHRAN, IRAN, a exécuté avec succès le contrat N°009/DREIN/03 portant sur :

- L'extension du poste 132 kV de Maradi par l'ajout d'une travée transformateur 132/66 kV de 15 MVA et d'une travée ligne 66 kV
- La création du poste 66/20 kV de 10 MVA de Malbaza
- La création du poste 66/33 kV de 10 MVA d'Illéla
- La création du poste 33/15 kV de 5 MVA de Tahoua.

Tous les travaux ont été effectués selon les règles de l'art et dans les délais convenus, à la satisfaction de NIGELEC.

En foi de quoi, nous lui délivrons la présente attestation pour servir et valoir ce que de droit.

Bismillah
صحت صدور این برگ به همراه مهر
و امضاء آن از سوی شرکت برق نيجر
و نعلق آن به شرکت
NIGELEC
BOUKARI Adamou
رئيسان در حسن انجام کار
مورد بازدید می باشد.
رئيس عمومی سدرات چ ایران - کلمبی

(Stamp: SOCIETE NIGERIENNE D'ELECTRICITE NIGELEC, 40, AV. DU GENERAL DE GAULLE, NIAMEY, NIGER)

Comptes Rendus: BOM 20 008 - BOM 2001/009 - BOM 021/130271/4 - SOMBANK - 01/200000207/00 - CDP 3101 V 361 - W-000BANK 31 0000002 41 014

SPE-T/57/00
التاريخ: 11.10.2000
الرجوع: 11.10.2000

M/s PARSIAN HV SUBSTATIONS DEV. CO.
No. 7, Seventh Str.
Gandhi Avenue
TEHRAN, IRAN

Attn: **MR. H. KHOSRAVI**
MANAGING DIRECTOR

Dear Sir,

CE/206/98
SUPPLY, INSTALLATION AND COMMISSIONING OF 132/11KV SUBSTATION AT
MURBID AND ASSOCIATED WORKS

Taking Over Certificate

We refer to your letters 78-712-21-1795 dated 26.08.2000 AND 78-712-21-1797 dated 28.08.2000, 78-712-21-1858 dated 25.09.2000 and 78-712-21-1862 dated 11.10.2000 requesting for issue of Taking Over Certificate.

Please find attached herewith Taking Over Certificate No. CE/206/TOC/002 dated 11.10.2000 as per Item no. 9.1 of Section-B of contract Volume-1 for the works listed from the remaining items of Section - A of contract Vol. V of the above mentioned contract.

Yours faithfully
for Dubai Electricity and Water Authority

(N. G. ACHARYA)
Sr. Project Engineer (Trans. & Distr.)

Encl: as above

(Stamp: SPE-T/57/00, 11.10.2000)

বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড
BDPUB
Office of the
Project Director
Greater Chittagong Port
Distribution Project (Phase-III),
BPOB, Hidayat Uddin (2nd Phase)
Agochad, Chittagong
Tel: 811-720222

TO WHOM IT MAY CONCERN

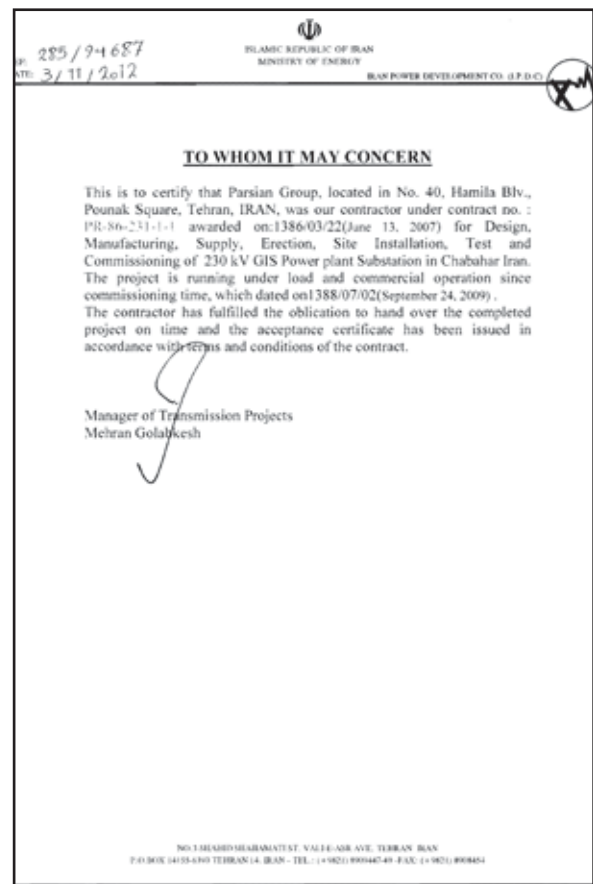
This is to certify that Parsian High Voltage Substations Development Co., Iran located in no. 39 West Armaghian Street, Vali-Asr Avenue, Tehran - Iran was our contractor under contract no. 09390 dated 20.06.2001, for Design, Supply, Erection and Site Installation, Commissioning of two GIS 33/11KV Substation in Rampur and Muradpur under greater Chittagong Power Distribution project Phase III and has completed the project on time.


The two Substations are running smoothly under load and commercial operation since commissioning. The contractor has fulfilled the obligation to hand over mandatory spaces and tools and equipment as per contract based on the recommendation of the consultant of the project and Substation of competent authority and has completed the training of the personnel to operate the above two S/S's. Final Acceptance Certificate (FAC) has been issued in accordance with terms and conditions of contract.

Meanwhile we would like to take this opportunity to acknowledge our appreciation towards the management and staff of Parsian for their professionalism and perseverance in dealing with the problems faced during execution of the works and for their cooperation to successfully conclude the subject of works.

Project Director
GCTDP
BPOB Chittagong

Certificates & Letters of Merit



	Mapna Special Projects Construction & Development Co. MD-3 (Private Joint Stock)	Date: 29/1/2012 No: 2445-75
	TO WHOM IT MAY CONCERN	
<p>This is certify that Parsian Group, located in No.40, Hamila Bld., Pounak Square, IRAN, was our contractor under contract no. : PR-87-213 & PR-87-214 awarded on : 1387/07/25 (October 16, 2008) for Design, Manufacturing, supply, Erection, Site Installation, Test and Commissioning of South Pars Combined Cycle Power Plant . 400/132/20 kv GIS Substation in Iran.</p> <p>The project is running under load and commercial operation since commissioning time, which dated on 1388/10/26 (January 16, 2010).</p> <p>The contractor has fulfilled the obligation to hand over the completed project on time and the acceptance certificate has been issued in accordance with terms and conditions of the contract.</p>		
Deputy of Managing Director Hossaineh Chahar Jazi		
		
No: 1, Keshk AD Corner, Aftab Ave. Tehran, Kordak Cross Road. P.O. Box: 15758/1313 Tel: 83847718 Fax: 89871246 www.mapna.com		
ISO-9001:2000 ISO-14001:2004 OHSAS 18001:1999		

FROM :	FRK NO. :	Feb. 18 2008 09:23
شماره: ۸۶/۱۱/۸ تاریخ: ۸۶/۱۲/۱۰۵۸	نام: محمد علی نام خانوادگی: محمد علی نام پدر: محمد علی	سازمان توسعه برق ایران
شرکت پارسیان موضوع: رضایت نامه		
احتراماً، با توجه به اتمام عملیات انجام خدمات مهندسی و طراحی، تامین تجهیزات، اجرای عملیات ساختمانی، نصب و تست و راه اندازی پست ۴۰۰/۲۳-کV نیروگاه گازرزن و خط ارتباطی پست و نیروگاه موضوع قراردادهای شماره ۲۷ و ۲۶-۱۳۸۱-۸۳، بدینوسیله رضایت کامل این سازمان را از نحوه مطلوب اجراء و عملکرد آن شرکت اعلام می دارد.		
محمد علی محمد علی مدیر طرح توسعه پستهای فشار کوی		

PARSIAN GROUP

POWER & INDUSTRY DEVELOPMENT CO. (PPI)



PARSIAN POWER & INDUSTRY DEVELOPMENT CO. (PPI)



Company Profile

PARSIAN Power & Industry Development Co.(PPI) is a leading global company specialized in electrical,mechanical and distribution control system (DCS) and utilities development in power plant, gas, oil, petrochemical & cement industries. Founded in 1992, PPI develops tailored infrastructure solutions that meet clients' needs and provide sustainable benefits.Solutions include conceptual and basic engineering services, detailed engineering & design, procurement, construction and financial management based on scientific management of project. PPI has been qualified by President Deputy Strategic Planning & Control as EPC contractor for power plants and industrial utilities.Quality of our services are being managed and assured via a quality management system based on ISO 2008:9001, ISO 14001:2007, OHSAS 18001: 2007 certified by SGS.

Values

We will continue by our active management and guided by firmly held values:

- Ethics. Uncompromising integrity, honesty, and fairness are at the heart of our company
- Excellence.We set high standards.We apply advanced technology, and we continually innovate and improve.We achieve in challenge and accomplishment.
- Fair Return.We earn a return that fairly rewards the value we deliver
- Mutual Respect. We work by our Leadership Covenants, which encourage openness, teamwork, and trust. We value an inclusive culture based on diverse backgrounds, experience, and views.

Energy Industry

Offering a broad range of engineering, procurement and construction services encompassing all areas of the energy industry, including power generation and distribution, PPIDC specialized in complete power plant solutions, electrical and mechanical balance of plant and distributed control systems.

PPIDC provides a wide range of services to big industries such as oil, gas and petrochemical industries particularly in the field of electrification, mechanical and distributed control systems. CONTROL SYSTEMS PPIDC is one of the most reputable local system integrators for control and automation systems capable of engineering, configuration, assembling and test of such systems. Several huge and technical Distributed Control System (DCS) projects has already been executed by PPI with DCS technologies from well known DCS manufacturers such as SIEMENS (Germany), ALSTOM (France) and others.

Cement & Other Industries

PPI helps cement industries to meet their business challenges by on time execution of automation and electrical system projects with high quality. Cement industries that are seeking for electrical components or a complete turnkey electrification system for their plant can rely on us even in hazardous work.

Organization

PPI organization is well suited for proper and efficient services to different customers of power plants and other large industries. The organization is a tailor made for customer satisfaction, quality assurance and effective services.

Health, Safety & Environmental (HSE)

Safety is always our top priority, a value that is fundamental to our culture. We believe that every accident, and therefore every injury, is preventable, and we embed that philosophy into our project through a combination of technical field procedures and ongoing training programs.

To observe standard health, safety and environmental regulations and requirements at the construction and fabrication locations a comprehensive internal HSE procedure has been developed and used to be executed.

We also ask our subcontractors and partners to adopt our commitment to safety and health. The result is exceptional safety performance, even in hazardous work environments, severe weather, and remote locations.

only in Iran, but also in other countries so that we could establish several branches in different locations. nearly 70 percent of our staff are engineers and technicians working in the related departments, the rest of the personnel of various disciplines are trying to do their utmost in other divisions such as commercial, financial ... to promote the area of the company's policies goals.



Reference List

Item	Client	Plant Site	Technical Particulars
1	MAPNA	Abadan 123 × 4 MW Gas turbine power plant	20/230/400kV S/S
2	MAPNA	Damavand (Phase 1#) Gas power plant	20/230/400kV S/S
3	MAPNA	Mobin 123×6MW Gas Turbine Power Plant	20/230/400kV S/S
4	AZARAB	Shahrekord Cement Plant	20/230/400kV S/S
5	MAPNA	Damavand (Phase 1#) 195×6 MW Gas Turbine power plant	20/230/400kV S/S
6	MAPNA	Tehran Cement Plant 63KV	20/230/400kV S/S
7	MAPNA	South Isfahan 159×6MW Gas Turbine Power Plant	20/230/400kV S/S
8	ANIP	Arak Petrochemical Complex Power Plant	20/230/400kV S/S
9	MAPNA	Shirvan 159×6MW Gas Turbine Power Plant	20/230/400kV S/S
10	MAPNA	Kazeroon 160×3MW Combined Cycle Power Plant	20/230/400kV S/S
11	MAPNA	Sanandaj 159×4MW Gas Turbine Power Plant	20/230/400kV S/S
12	MAPNA Boiler	Mobin Petrochemical 140T/H Deaerator	20/230/400kV S/S
13	DCC(JEMO)	Delijan cement factory	20/230/400kV S/S
14	MAPNA	Jahrom 159×6MW Gas Turbine Power Plant	20/230/400kV S/S
15	MAPNA	Assalouye 159×6MW Gas Turbine Power Plant	20/230/400kV S/S
16	MAPNA	Ardebil 159×4MW Gas Turbine Power Plant	20/230/400kV S/S
17	ANIPC	Arak Petrochemical Complex Power Plant	20/230/400kV S/S
18	MAPNA Boiler	Fajr Petrochemical Boilers	20/230/400kV S/S
19	Arian Mahtab Gostar	Amir Abad 25×2MW Gas Turbine Power Plant	20/230/400kV S/S
20	MAPNA	Esfahan Refinery Extension of 20/63 KV Substation	20/230/400kV S/S
21	NIGC	South Pars Gas Complex 6.6/33/132 KV Substation	20/230/400kV S/S
22	NIOOC	Salman Power Plant	20/230/400kV S/S
23	NIOOC	SIRI	20/230/400kV S/S
24	MAPNA	Ali Abad 160×6MW Power Plant	20/230/400kV S/S
25	MAPNA	Extension of Mobin 159×2MW Gas Turbine Power Plant	20/230/400kV S/S
26	BPGC	Beast Thermal Power Plant	20/230/400kV S/S
27	MAPNA	Iran LNG Power & Steam Complex	20/230/400kV S/S
28	MAPNA	Semnan 160×4MW Gas Turbine Power Plant	20/230/400kV S/S
29	MAPNA	Parehsar 160×4MW160×2+MW Combined Cycle Power Plant	20/230/400kV S/S
30	MAPNA	Sanandaj 160×4MW160×2+MW Combined Cycle Power Plant	20/230/400kV S/S
31	MAPNA	Fars 6160×6MW Gas Turbine Power Plant	20/230/400kV S/S
32	MAPNA	phase 15th & 16th of South Pars	20/230/400kV S/S

Item	Client	Plant Site	Technical Particulars
33	MAPNA	Esfahan II (1+2) MW Combined Cycle power plant	Substation
34	MAPNA	Extension of Akhtar 33/132KV Substation	Mechanical BOP
35	MAPNA	Genaveh (1+2) MW Combined 160 Cycle power plant	Mechanical BOP
36	Razi Petrochemical	Pars 160×2MW Gas Turbine Power Plant	SUBSTATION
37	MAPNA	33kV Razi Substation	Electrical BOP
38	MAPNA	South Pars 160×6MW Gas Turbine Power Plant	Mechanical & Electrical BOP
39	MAPNA BOILER	Abadan 123×4MW160×2×MW Combined Cycle power plant	CONTROL SYSTEM
40	TESCO	DAMAVAND PETROCHEMICAL BOILER	EXTENSION OF PDCS OF UTILITY
41	KEYSON	PHASE16 & 15 SOUTH PARS	CONTROL SYSTEM
40	TESCO	AHVAZ URBAN RAILWAY CONTROL BLD ELECTRICAL & MECHANICAL	EXTENSION OF PDCS OF UTILITY



Certificates & Letters of Merit





PARSIAN GROUP

PARSIAN RAIL POWER SUPPLY DEVELOPMENT CO. (PRP)



PARSIAN RAIL POWER SUPPLY DEVELOPMENT CO. (PRP)



Company Profile

PARSIAN Rail Power Supply Development Company” (PRP) as a member of PARSIAN GROUP has been established to eliminate the huge gap between Railway Transportation and Electric Power Section in the country and the region by acting as a General Contractor of EPC based projects.

PRP as a general contractor develops tailored infrastructures solutions that meet client’s needs and provide sustainable benefits. Solutions include conceptual and preliminary engineering services, detailed engineering and design, procurement, manufacturing, execution and construction (civil works, installation, test and commissioning), project performance control and management and financial management to complete projects in high complexities.

Our expertise covers the full required package of turnkey infrastructure projects, starting from the feasibility studies to the engineering activities, material and equipment procurement to the complete installation: renewal and upgrading of electrical system of existing railway lines, EPC based projects of new systems, in main line, mass transit and light rail, including high speed systems. Because of our last experience in Tehran Urban Railway Line3 & line4, we are in a position to offer the best solutions based on the advanced technologies and to deliver an technically and economically optimized projects.

We have approximately 400 employees located in PARSIAN GROUP. Our Policy is to develop the Group throughout the organization that is committed to continuous improvement in safety, environment and quality performance as per our HSE policy and IMS system.

PRP same as the other PARSIAN GROUP companies is operating in his field of activity with a certified Safety Management System: ISO 9001:2008 (Quality); ISO 14001:2004 (Environment); OHSAS 18001:2007 (Work environment).

Local Performance

The need for a local EPC general contractor with large scale engineering and technical capabilities to undertake the responsibility to execute the electrical part of the railway transportation projects became a matter of great urgency. Within the Parsian Group, those who were involved, made greatest possible efforts to create, Parsian Rail & Power Supply Dev. Company, to fill up the gap in the market by forming all necessary design groups that we mention here to meet local market needs and demands. Now it's pleasure to present PRP is been qualified for the main railway electrification project within country, which is more than 2200km double track line.

■ Railway electrification Projects:

Civil and architectural works(EPC)

Steel structure (EPC)

Overhead contact system (EPC)

Power control center (EPC)

Traction Substation (EPC)

HV Over Head transmission Lines (EPC)

HV, MV cabling (EPC)

Layout and Buswork

Earthing and Lightning systems

EMU

Traction Transformers

Battery and Charger

Signaling System

Traffic Light

Switching Machine

HV & MV Equipment, Transformers and

Reactors

Gas Insulated switchgear (GIS)

Metal clad Switchgears (GIS & MV)
Control and Metering
Control and Instruments
Protection Systems
Control and Automation Systems
SCADA and Telecommunication Systems

■ **Power supply of Metro Lines:**

Overhead contact system (EPC)
Contact/Third Rail System
MV cabling
Traction Substations
Traction Rectifiers
MV switchgears
LV distribution Boards
Battery and chargers
Protection systems
Control Systems
Automation systems
RTU
Distribution transformers
Capacitor banks
Cable supports
Stray current monitoring and protection systems
Power Control centers Rectifier Transformers
High voltage substations (for connection to utilities)
Layout and Buswork
Earthing and Lightning systems
DC Switchgears
Rectifier Transformers
Rectifiers

Signaling System
Traffic Light
Switching Machine
SDH System
Passenger Announce System
Fair Collection System
HV & MV Equipment, Transformers and Reactors
Gas Insulated switchgear (GIS) Metal clad
Switchgears (GIS & MV)
Cabling system
Control and Metering
Control and Instruments
Protection Systems
Control and Automation Systems
Plants
SCADA and Telecommunication Systems
Control & Protection systems
Automation system
Communication System (Fiber optic, power line carriers,...)
RTU
Auxiliary Power Supply (AC & DC distribution Boards, Battery, Charger)

■ **Railway Signaling and Communication:**

Line Side signals
Train detection systems
ATP, ATO and ATC systems
Cables
UPS
Central Traffic Control Center
Communication System (SDH)
PIS (Passenger Information Systems)

AFC (Auto fare collection)

PABX

CCTV

Central Clock

Industrial Plants

PLC based Automation system Utility systems (electrical and mechanical)

■ Power Supply of Tehran Metro Line 3 & Line 4:

The power supply system :

- H.V. cable line from the substation of Regional Electric Company (REC) to High Voltage Substations (HVS) in metro
- HVS: High Voltage Substations (63KV/20KV)
- M.V. Cable ring
- RS: Rectifier Substations
- LPS: Lighting & Power Substations
- SCADA system
- 3rd rail



Certificates & Letters of Merit





PARSIAN GROUP

PEIMANN KHOTOOT GOSTAR CO. (PKG)



PEIMANN KHOTOOT GOSTAR CO. (PKG)



Company Profile

PEIMANN KHOTOOT GOSTAR was established in 2000 with the aim of introducing new technologies and paving the way for industrial independence in the areas of design, implementation, installation and commissioning of industrial projects. Projects undertaken by the company include power transmission and automation, dispatching and telecommunications, data transmission and access networks. The company has successfully completed numerous projects with its cadre of specialists and experts, establishing itself as a reliable contractor in this field. With development of power demand in the industry and companies, the reliable and continuous generation & distribution of electric energy has become preovities of all countries. Peimann Khotoot Gostar has succeeded in receiving EPC grade in constructing transmission line, high voltage substations & dispatching. after years of working in the electric industry.



Description of The Activities

Automation and Protection of High Voltage Sub-Station

Intelligent and regular supervision of high voltage sub-station ensures the integrity of electric power networks and prevents power cut-off; at the same time that it reduces distribution costs. Selecting and implementing the best solutions in automation as well as rendering high quality services have been trademarks of PKG operations, which, as Iranian company, the company has upheld from its inception. By adopting a uniform and consistent plan of action, PKG significantly reduces automation costs and, while meeting the requirements of the plan, guarantees the maintenance and support of projects. PKG has been commissioned to carry out more than a hundred projects in Iran and abroad making use of diverse approaches and systems. Here are some of the company's services in automation.

Automation and Protection of High Voltage Sub-Station

Creating the capacity to adopt various solutions for sub-station automation, using the technical know-how and technology of giant manufactures such as ABB, SIEMENS, GENERAL ELECTRIC and AREVA, adapting them to the requirements of the plan and budgetary limitations are part of PKG's capabilities. The following parameters play crucial role in the choice of the optimum solution:

- Efficiency and reliability
- Ease of operation in adjusting system parameters
- Access to various features of the system
- Data Access and security
- Different methods for data provision and transmission
- Automation on two levels (Bay and Center)
- Capability of full automation and monitoring
- Centralized or distributed automation

- Reduction in operation and maintenance costs
- Swift tracking of potential flaws and in laboratory troubleshooting laboratory Engineers and experts at PKG draw careful designs and select the optimum automation systems taking into account above-mentioned parameters alongside specific customers's requirements. To ensure compatibility, and having obtained necessary equipment from various manufactures, PKG experts will simulate the total system in the company's fully- equipped laboratory.

Some of the major activities conducted in the laboratory of the company are as follows:

- Configuration and adjustment of control equipment, simulation of power sub-stations, and testing the functions;
- Configuration, setting and testing of switches, fiber optic converters and other converters;
- Configuration of protection relays proportionate to the layout of sub-stations and adjustment of quantities for accurate function as well as conducting tests with the latest simulators;
- Configuration of servers for special uses, including using two monitors for one server and simultaneous viewing of two separate sections, and other requests by the client;
- Establishment of data banks as well as programming and design of pictures, alarms tables, event tables, and related reports;
- Simulation of SCADA systems with various communication protocols and communication tests with numeric control system.

Dispatching & Scada

The growing consumption of household and industrial electric power, on the one hand, and the development of power plants and power transmission lines, on the other, has made energy management an indispensable part of the exchange and financial operation of power stations, transmission networks, and distribution networks. Also with transmission lines and distribution of electric

power becoming more and more complex, it is necessary to maintain up-to-date databases for the instantaneous analysis of network operations, troubleshooting and diagnosis, identification of future power sub-stations, transmission line and power plant locations. They can also help in predicting the load and performing network calculations, including analysis of various connections and distribution calculations. These services are accessible through dispatching and SCADA systems. Supported by our skilled engineering team, the use of the latest technologies, and elaborate laboratory simulations, PEIMANN KHOTOOT GOSTAR is well-equipped to establish interface systems, collect analog, status, and command signals, transmission of data through wire, common protocols using numeric control system and dispatch through telecommunication systems and reception of data at control centers. Because of the variety and nature of data exchange in these systems and the occasional sub-standard protocols have forced PKG to develop protocol reading systems facilitating working with these old and prevalent systems.

the wide array of activities undertaken by PKG, such as interface system and numeric control system of postal service and telecommunication, have made it possible for the company to equip any given site and conduct preliminary tests at a short time by simulation of situations and quantities, using numeric control system and protection relays and measuring devices as well as their connection to each other and ultimately to the terminal.

Power Transmission & Distribution

Installation and construction of power and an increase in the number of power transmission lines is of special significance plants. It assumes even greater significance because of the growing demand for energy when these plants are to be connected to the network, and the transmission and distribution network is to be maintained. Given the important role engineering and design play in implementation of such projects, PKG has employed experienced professionals to manage the power transmission lines on EPC basis.

Activities of this section are outlined as follows:

- Site survey, preliminary planning, and drafting proposals for the optimization of the transmission route;

- Design and preparing final specification of towers according to the basic needs of clients and the requirements of the projects;
Identification and selection of the of the best manufacturers of power transmission equipments, including line conductors, transmission towers, OPGW fiber optic cables; insulators, and line accessories;
- Supervision of road construction operations, foundation, installation of stubs and preparing foundation for installation of tower;
- Supervision of tower members manufacturing line as well as carrying out necessary tests in Iran or abroad;
- Supervision of installation and implementation of transmission lines.

Telecommunication and communication system

The necessity of fiber optic networks in today's high-speed, high-capacity telecommunication services is unquestionable. Assisted by experienced professionals in the field of telecommunication networks, PEIMANN KHTOTOOT GOSTAR has successfully completed numerous projects. These telecommunication networks are aimed at providing access in areas such as data, speech and voice, pictures as well as remote protection of control and dispatching of water, electric power, oil, gas and railroad networks.

Activities of PKG in telecommunication networks have not been confined to providing equipments and implementing projects. It has rendered services in telecommunication and communication networks, finding suitable solutions and identifying needs and limitations, selecting the best available technology, and finally fulfilling needs by procuring premium products from established providers. PKG takes pride in being one of the pioneers of design, implementation of above technologies in the following fields:

- Implementation of different kinds of fiber optic cables, including OPGW, ADLash, selfsupport, buried and duct cables;

- Implementation of different kinds of fiber optic terminals, including SDH, PDH and various Multiplex systems;
- Implementation of different types of PLC systems and production of sub-racks and necessary cabinets;
- Implementation of different teleprotection systems for lines and equipments of power transmission sub-stations;
- Implementation of radio transmission systems, including UHF, VHF microwave as well as various digital telephone centers.



نام پروژه / Project Name ▼
سوادکوه / Savad Kooh 230/63KV S/S(DCS)

مشتری / Client
MREC & Parsian HV S/S / شرکت برق منطقه‌ای مازندران و شرکت راه اندازی پست‌های فشارقوی پارسیان
مشاور / Consultant
مشانیر / Moshanir



نام پروژه / Project Name ▶
جفreh / Jofreh 66/11KV GIS S/S
مشتری / Client
FREC
مشاور / Consultant
شرکت قدس نیرو / Ghods Niro



نام پروژه / Project Name ▼
سوادکوه / Savadkooh 230/63KV S/S
مشتری / Client
MREC / شرکت برق منطقه‌ای مازندران
مشاور / Consultant
مشانیر / Moshanir

Reference List

Item	Client	Plant Site	Technical Particulars
PLC			
1	I.P.D.C	-	100*PLCs
2	HREC	Hormozgan S/S	16*PLCs
3	NIGELEC	Niger S/S	4*PLCs
4	SemREC	-	8*PLCs
5	Parsian Co	Choghadak S/S	22*PLCs
6	TREC	Parand S/S	16*PLCs
7	Apadan Ceram Co	Apadana Ceram S/S	4*PLCs
8	AzREC	Orumiyeh5- S/S	4*PLCs
9	FABA Co	-	20*PLCs
10	EREC	-	30*PLCs
11	WREC	Dashte Abbas S/S	4*PLCs
12	Larestan Cement Co	Larestan Cement S/S	4*PLCs
13	WREC Co	Janjan S/S	20*PLCs
14	I.P.D.C	Kazroun2- S/S	6*PLCs
15	TREC	Pardis S/S	18*PLCs
16	Mapna Co	Assalouyeh S/S	24*PLCs
17	KREC	Sabzevar S/S	24*PLCs

Item	Client	Plant Site	Technical Particulars
Network			
1	FREC	Fars	AOC & RDC Dispatching Centers
2	I . P . D . C	-	50*RTUS
3	I . P . D . C	Sanandaj S/S	RTU
4	I . P . D . C	Oroumijeh S/S	RTU
5	I . P . D . C	Shirvan S/S	RTU
6	I . P . D . C	Hormozgan S/S	RTU
7	IPDC	Choghadak S/S	RTU
8	Mapna	Shouth of Esfehan S/S	RTU
9	TREC	Parand S/S	RTU
10	I . P . D . C	Zahedan S/S	RTU
11	Apadana Ceram	Apadana Ceram	RTU
12	Larestan Ceram	Larestan Ceram	RTU

Item	Client	Plant Site	Technical Particulars
Fiber Optic			
1	I. P. D. C	-	40*Fibre Optic Terminals
2	FREC	Sourmagh - Shahreza	Procurement & Commissioning of Fiber Optic Equipment
3	I. P. D. C	-	Procurement of 1600KM OPGW
4	FREC	West Route	Procurement and Hot-Line Installation of OPGW
5	I. P. D. C	AD-LASH	Procurement and Hot-Line Commissioning
6	Krec	-	Purchase, Commissioning & Installation of 8 Centers Fiber Optics Equipments

Item	Client	Plant Site	Technical Particulars
Power Transmission & Distribution			
1	KREC	Khorasan	400kV Transmission Line
2	Mapna	South Pars	132KV Transmission Line

Item	Client	Plant Site	Technical Particulars
Dispatching & Scada			
1	Different	Shazand- Arak Power Plant	Local Network
2	Different	-	100 Website Designing
3	Different	Center 8 Khorasan	Network
4	Different	Alvand Tile Co	Network
5	Different	Parsian Store	Network
6	Different	Oil Company Hospital	Network
6	Different	Pars Sanat Parand	Network

PARSIAN GROUP



گروه پارسیان

گروه پارسیان به عنوان يك گروه پیشگام ایرانی همزمان با گسترش توانمندی‌ها و فعالیت‌های خود در زمینه های طراحی، تامین تجهیزات و اجرای پروژه‌های برق رسانی صنعتی، در صنایع پالایشگاهی، پتروشیمی، گاز و همچنین خطوط قطارهای شهری و بین شهری و برقی نمودن خطوط ریلی، پستهای فشارقوی و فشار متوسط، خطوط انتقال نیرو، نیروگاه‌ها، اتوماسیون صنعتی و ابزار دقیق با کارفرمایان مختلف در داخل و خارج از کشور، در حال حاضر یکی از بزرگترین گروه شرکت‌های پروژه‌های کلید در دست ایرانی در این زمینه می‌باشد. سوابق، بیانگر رضایت کارفرمایان از عملکرد این گروه در پروژه‌های اجرا شده می‌باشد. گروه پارسیان در زمینه‌های پروژه های انتقال نیرو اولین و بزرگترین صادر کننده خدمات فنی - مهندسی در کشور است که پروژه‌های متعددی در کشورهای امارات متحده عربی، بنگلادش، افغانستان، سوریه، بنین، یمن و نیجرا به پایان رسانیده و یا در دست اجرا می‌باشد و در سه دوره عنوان صادر کننده نمونه خدمات فنی - مهندسی که افتخاری برای این گروه است را به دست آورده است.

گروه پارسیان شامل شرکت‌های ذیل می‌باشد:

۱. شرکت توسعه پست‌های فشار قوی پارسیان (PSS): پیمانکار عمومی در پروژه‌های انتقال نیرو و پست‌های فشارقوی
۲. شرکت توسعه نیروگاه‌ها و صنایع پارسیان (PPI): پیمانکار عمومی در پروژه‌های نیروگاهی و صنایع
۳. شرکت توسعه ریل نیروی پارسیان (PRP): پیمانکار عمومی در پروژه های تامین برق خطوط قطارهای شهری و بین شهری و برقی نمودن خطوط ریلی
۴. شرکت پیمان خطوط گستر (PKG): پیمانکار عمومی در پروژه‌های خطوط انتقال انرژی، سیستم‌های حفاظت و کنترل نیومریک در پست‌های فشار قوی و سیستم‌های مخابراتی



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