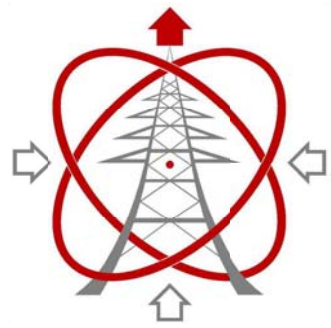


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PROFILE

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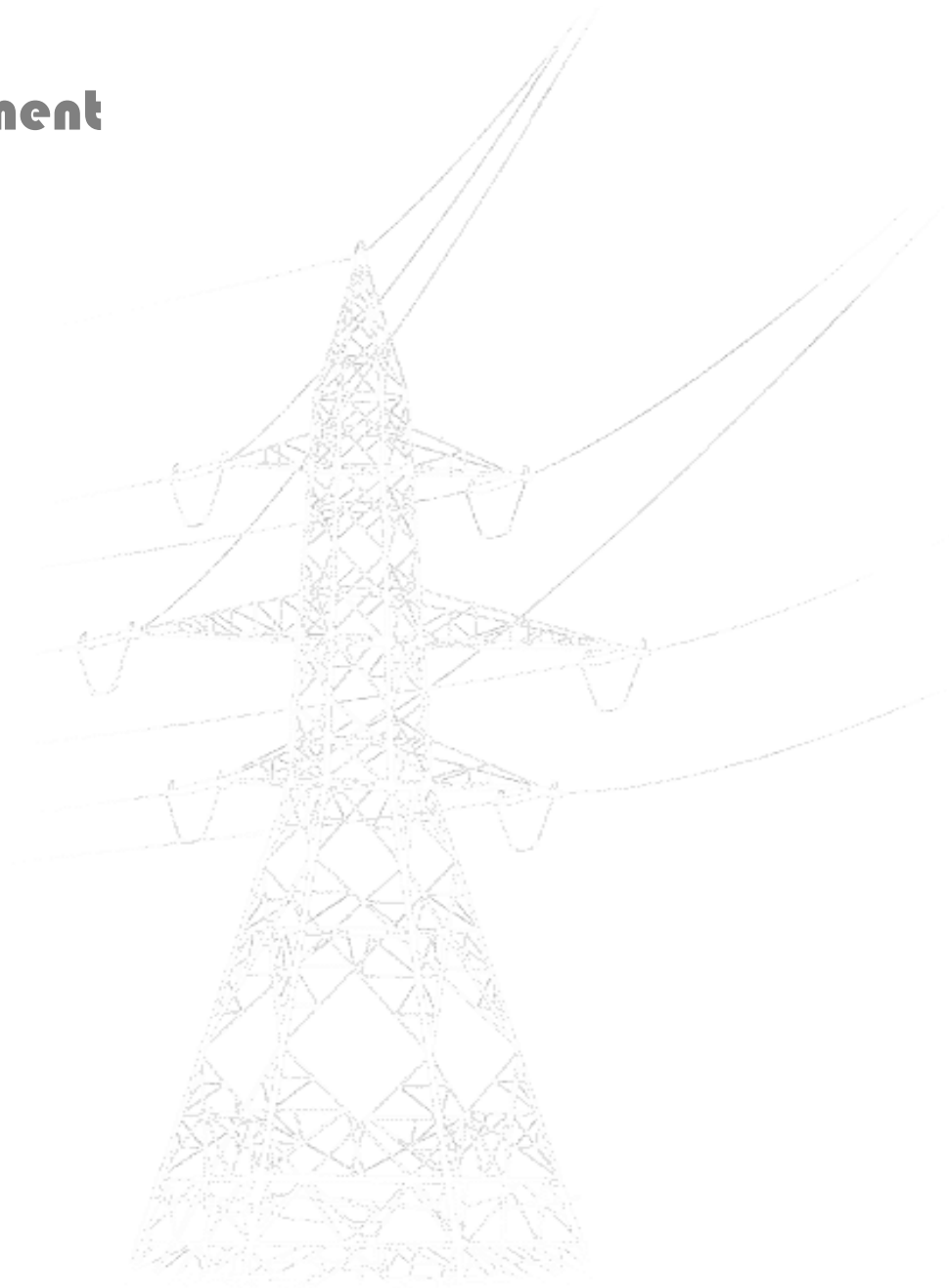
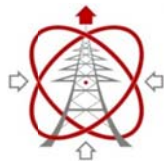


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1.0 INTRODUCTION

Electrical Power Systems Est., (EPSE) was founded in 1989 under the name of Electronics Systems Est. (ESE). Established primarily to provide general services in instrumentation, calibration and personal computer trade, it then revolutionized its interests to the more technical field of Control and Monitoring Systems primarily for the Electric Power utilities. Within a short period of time in this new field of interest, it has achieved a remarkable and outstanding performance that gained the appreciation and acknowledgment of fine clients such as ABB, which from thence entrusted sensitive related jobs to the Establishment.

Realizing the soaring demand for services in this specialized field and where only few Saudi firms have ventured, the management was prompted to enhance and confine ESE activities within the bounds of Electric Power Control and Monitoring Systems.

In late 1998, Electronics Systems Est. (ESE) was renamed Electrical Power Systems Establishment (EPSE) to appropriately symbolize its specialized activities in the field of Electricity.

The short period of time during which EPSE ventured into the new field of endeavor, it has been awarded and completed many prestigious projects involving implementation of state of the art technology to modernize Electric Power Control and Monitoring Systems.

On April 3rd, 2014, EPSE had opened an office in Kingdom of Bahrain under a Bahraini commercial registration. This office is opened solely for pursuing similar work and to provide alike services in the Kingdom of Bahrain. Due to the limited resources, EPSE's Bahraini office operation is fully supported by Saudi Arabia office, whenever and wherever needed.

As a matter of policy to maintain and continuously improve EPSE'S stance, technical staff are rigidly selected to guarantee a competent, reliable, and well-motivated team.



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2.0 ORGANIZATION INFORMATION

ORGANIZATION NAME	Electrical Power Systems Establishment	
COMMERCIAL REGIST. NO.	Kingdom of Saudi Arabia	Kingdom of Bahrain
	2053027790	84213-1
CHAMBER OF COMMERCE	74765	N/A
MAILING ADDRESS	Gulf Road Anak, P.O. Box 19080, Qatif 31911, East Region, Kingdom of Saudi Arabia	P.O. Box 26642 Kingdom of Bahrain
OFFICE LOCATION	Gulf Road, Bldg No. 6896 unit-1, Albustan, East Region, Kingdom of Saudi Arabia	Block 368-Rd 328-Bldg 571-Flat 12 Kingdom of Bahrain
TELEPHONES	+966-3-836 1104	+973-17-720420
FAX	+966-3-8361191	+973-17-720420
EMAIL ADDRESS	epse@eps-est.com	
WEB SITE	www.eps-est.com	
ACTIVITIES	Engineering, Procurement, installation, testing and commissioning of electrical power related control, monitoring, communication systems and related devices; And sales, support and servicing of the same.	
BANK	Kingdom of Saudi Arabia	Kingdom of Bahrain
	National Commercial Bank Branch-41 Uhud Street, Qatif, East Region	United Alahli Bank Exhibition Road Branch Alhwra, Manama
CONTACT PERSONS	Sabri A. Al-Shiekh, General Manager.	



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3.0 MESSAGES

3.1 MISSION

EPSE strives to put hard work, attention to details and determination in each and every job we attend to achieve our goal of surpassing our client's expectation.

3.2 VISION

To be positioned as a local leader in automation and in general monitoring and control systems fields.

3.3 COMMITMENT STATEMENT

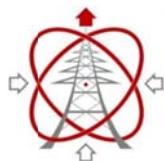
Electrical Power Systems Establishment shall, at all times, commit itself to meet its contractual obligations by rendering fine services, quality tested apparatuses and be part of the team to accomplish every project or job EPSE is trusted with satisfactorily. When needed, EPSE shall without hesitation provide that expected extra free mile, if reasonable and possible.

3.4 QA/QC STATEMENT

Electrical Power Systems Est. is committed to furnish high quality services to its clients. In course of satisfying its contractual obligations, EPSE shall adhere at all times to the established QA/QC requirements to insure that its market place is always preserved to the highest attainable level. Furthermore, the above said statements dictates EPSE to refrain from implicating itself in any job that falls beyond its capabilities.

3.5 SAFETY STATEMENT

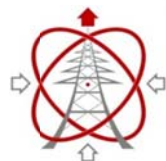
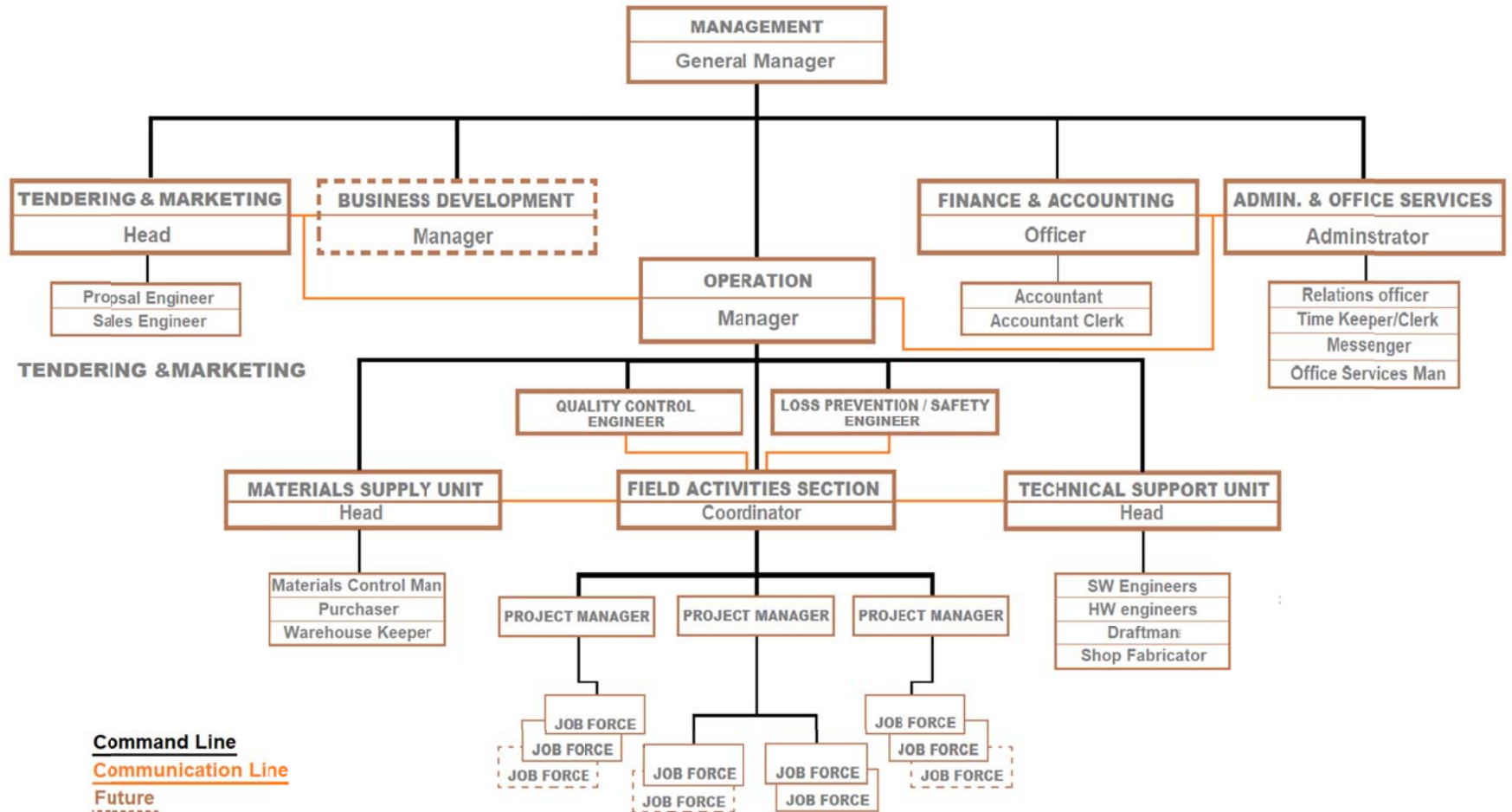
Electrical Power Systems Est. is dedicated to provide safe working environment for its employees and all others participating in the same activity that EPSE is attending. EPSE shall strive to achieve this through a program of continuous education of employees in safety and loss prevention aspects and by means of effective communications between all parties involved in project implementation.



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4.0 ORGANIZATION CHART

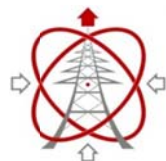


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5.0 AFFILIATIONS

COMPANY	DISCIPLINE
<p>CG-Automation, Ireland</p> 	<p>CG-Automation is specialized in real time information and systems integration. Some of CG-Automation products and services are:</p> <ul style="list-style-type: none"> • Power Substation Automation Solutions. • Distribution Automation Solutions. • IED Integration. • SCADA Remote Terminal Units. • Management Assets tools. • Protocol implementation and Emulation.
<p>IntelliSAW, USA</p> 	<p>IntelliSAW Inc., a leading provider of systems that protect electric power transmission and distribution equipment by measuring and monitoring temperature, humidity, and partial discharge using advanced sensor and analytic technologies.</p> <p>The IntelliSAW suite of predictive maintenance, continuous monitoring systems enables users to reduce maintenance costs and increase quality of service. The systems also increase personnel safety and protect equipment from significant damage.</p>
<p>Computec S.R.L., Argentina</p> 	<p>ComputecSRL is an Argentine company founded in 1991 as a provider of communication and network products and services. The company manufactures acquisition equipment such as Digital Fault Recorders (DFR), Dynamic Systems Monitors (DSM), Voltage Recorders (VR) and Frequency Recorders (FR). Computec launched the first Line Frequency Recorder, which was the only system of its kind for the supervision and analysis of line frequency.</p>
<p>LogicLab S.R.L., Italy</p> 	<p>LogicLab SRL is an Italian company founded in 2000 as a provider of hardware, firmware and software for measurement, control and protection devices that are used in all areas of the industrial market where operating reliability is a fundamental requirement. LogicLab srl products are mainly addressed to power transmission and distribution market.</p>



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COMPANY	DISCIPLINE
<p>Electro Industries, USA</p> 	<p>A Long Island, NY, based company is one of the world's finest power monitoring and related products. Their products are all based on digital technology and they range from a simple one phase digital meter to the most versatile power management apparatuses. In fact, EIG produces the world's most accurate revenue meter that is facilitated by the famous Performance Power Monitor & Data Acquisition Node Called NEXUS 1250.</p>
<p>VARTECH Displays Inc., USA</p> 	<p>VATECH is a specialized company in the production of high quality industrial type CRT and LCD Monitors. They almost have a replacement for every displays manufactured by name companies such as Aydin, Conrac, Barco, Sony, Mitsubishi, Helwet Packard and many others. As well, they serve many systems made by Fisher Rosemount, ABB, Siemens, Baily, Allen Bradely, Foxboro and many others.</p>
<p>PLANAR, France</p> 	<p>PLANAR was founded in 1983 by Jim Hurd, Chris King, and John Laney. They brought the ability to innovate superior display technology solutions that others could not. That is why the US Army came to them in order to build a "Digital Messaging Device" from the developing Electroluminescent (EL) display technology that required unprecedented standards. This innovation started an evolution that enabled Planar to not only help lead the growth of the flat panel industry but to bring some of the most important display innovations to the market.</p>
<p>Tresco Industries Ltd, Canada</p> 	<p>Tresco Industries LTD has been in business, operating in the Calgary (Alberta, Canada) community since 1968. We are internationally recognized as a premier designer and manufacturer of technical furniture and custom consoles for critical operation centers and control room environments. Our commitment to quality, unparalleled craftsmanship, and outstanding attention to detail is instilled in every control room we offer.</p> <p>Tresco Consoles is internationally recognized as a creator of functionally effective and visually inspiring control room consoles. Operator comfort and aesthetic sensibility are the primary drivers of all our designs.</p>



6.0 ORGANIZATION RESOURCES

6.1 MANPOWER

Eighty percent (80%) of the Company's manpower resources are dedicated to the technical field with the other Twenty percent (20%) dedicated to office administration. Engineers and technicians are well trained, experienced and knowledgeable in all products of those manufacturers that EPSE represents and in many other similar products of other manufacturers.

6.1.1 PROJECT ENGINEERING GROUP

The Project Engineering group prepares design, plans and implements projects in accordance with customer technical specification and requirements. This particular group has vast experience on SCADA Systems and other related electrical monitoring, control and display devices and is very capable in providing customized solutions and designs to the full satisfaction of customers.

6.1.2 TECHNICAL SUPPORT SERVICES GROUP

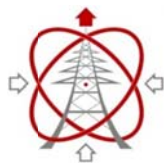
The Technical Support Services group is responsible in performing functional testing and commissioning of Company supplied products. Members of this group are also knowledgeable in giving support services to similar products that are supplied by other leading manufacturers

The Technical Support Services group also ensures availability of qualified engineer and technicians locally to provide immediate assistance to all its customers.

6.1.3 TECHNICAL SALES GROUP

The Technical Sales group is composed of equally qualified engineers who at all times, are more than willing to listen to customer's technical problems and ready to provide conceptual solutions based on the array of electrical products that the Company represents. These conceptual solutions will eventually become the basis for a detailed design to be prepared by the Project Engineering group.

The Technical Sales group also handles product presentations and is very well kept abreast with all the modern technical developments in this particular field of industry.



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6.2 CONSTRUCTION EQUIPMENT & TOOLS

The Establishment has in its possession complete sets of special tools and instruction manuals for the entire line of products it represents to ensure proper installation and operation of all delivered devices and equipment to its customers.

Company also keeps local storage of major spare parts to ensure quick delivery to customers as part of its technical support services.

6.3 TEST EQUIPMENT

EPSE has in its possession a wide variety of special testing equipment consisting of protocol simulators, various maintenance programs loaded on laptop computer for trouble shooting and problem diagnosis of various electrical remote telemetry & control devices as well as local electrical monitoring and display devices.



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7 BRIEF BUSINESS EXPOSURE

7.1 EQUIPMENT EXPERTISE

	EQUIPMENT	MANUFACTURER/VENDOR
1	Microsol XCell RTU	CG Power System Ltd.
2	Critical Assets Management	Rosemount IntelliSAW, an EMERSON Company.
3	MICROPLEX 5000 RTU	Harris Corporation
4	SCI 1801 RTU	Systems Control Inc.
5	GE-Harris D20 RTU	GE Harris. Energy Control Systems
6	TeleGyr 5700 RTU	Landis & Gyr.
7	ABB RTU560	ABB
8	Dynamic System Monitor (DSM),	SRAFE Computec, Argentina
9	Transient Fault Recorder (TFR)	SRAFE Computec, Argentina
10	Voltage Quality Recorder (VQR)	SRAFE Computec, Argentina
11	Transient Fault Recorder (TFR)	Hathaway Systems.
12	Dynamic System Monitor (DSM),	Hathaway Systems.
13	Voltage Quality Recorder (VQR)	Hathaway Systems.
14	Multifunction Recorder TR 2000s	Rochester Instrument Systems
15	Nexus 1250 Performance Power Monitor	Electro-Industries/Gauge Tech



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7.2 SERVICES

SERVICES LISTING	
1	Substation SCADA System Interface design between SCADA and Field I/O Devices.
2	Installation, expansion, functional testing, configuration, and commissioning of RTUs and other data acquisition devices.
3	SCADA Protocol testing at the RTU levels using ASE Protocol Simulator for IEC-60780-5-101, IEC-60780-5-104, L&N Conitel-C300, Harris 5000, and other popular SCADA Protocols.
4	Implementation of emulated Conitel-C300, IEC-60780-5-101 and IEC-60780-5-104 SCADA Protocols in Microsol XCell RTUs using Microsol Workbench program for configuration.
5	Implementation of emulated IEC-60780-5-101 and IEC-60780-5-104 SOE Protocols in Microsol XCell RTUs using Microsol Workbench program for configuration.
6	Implementation of emulated Conitel-C300 and Harris 5000 SCADA Protocols in TeleGyr RTUs using TeleGyr CMP Utility program for configuration.
7	Implementation of emulated Conitel-C300 and Harris 5000 SCADA Protocols in Harris D20 RTUs using Harris ConfigPro Utility program for configuration.
8	Implementation of emulated Conitel-C300 and Harris 5000 SCADA Protocols in TeleGyr RTUs using Xcell DMT Utility program for configuration.
9	Re-configuration of Harris 5000 RTU through re-programming of Configuration EPROMs
10	RONAN X500E configuration.
11	Rochester Fault Recorder Configuration.
12	SCI RTU Configuration.
13	Electro Industries/Gauge Tech Electrical Power Metering devices configuration, Installation and commissioning.



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SERVICES LISTING

14	Substation SOE System Interface design between SOE and Field I/O Devices.
15	SOE Protocol testing at the RTU levels using ASE Protocol Simulator for IEC-60780-5-104 and other popular SOE Protocols.
16	SRAFE Dynamic Monitor Systems Configuration
17	SRAFE Transient Fault Recorder Configuration
18	SRAFE Voltage Quality Recorder Configuration
19	Hathaway Dynamic Monitor Systems Configuration
20	Hathaway Transient Fault Recorder Configuration
21	Hathaway Voltage Quality Recorder Configuration



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7.3 MAIN CUSTOMERS LIST

	CUSTOMER
1	Saudi Electricity Company
2	Saudi Aramco
3	ABB Contracting Co. Ltd.
4	Al Gihaz Co.
5	Consolidated Power Projects Ltd. Co.
6	National Contracting Corporation
7	Mitsubishi Heavy Industries
8	Nesma Alfadl Contracting Co. Ltd.
9	Saudi Services for Electro Mechanic Works Co. Ltd.
10	AlMashariq Company
11	Saudi Binladin Group, Industrial & Power Projects Developers & Contractors
12	Al-Toukhi Company for Industry & Trading
13	Al Fanar Company
14	Larsen & Toubro
15	Areva Cogelex
16	Mohammed Al-Ojaimi Contracting Est.
17	Al-Osais Contracting Company
18	Tareg Al-Jaafari Contracting
19	Siemens Limited



8 PROJECTS LISTING

8.1 ON GOING JOBS

MONTH / YEAR AWARDED Customer END USER	PROJECT TITLE Brief Scope Of Work
MARCH, 2017 Pa Cost International SAUDI ELECTRICITY CO.	REINFORCEMENT OF ZALLUM VILLAGE 33/13.8KV S/S Render re-Configuration and Re-Commissioning Services for the existing SCADA RTU at Zallum Village 33/13.8kV substation.
JANUARY, 2017 Al Gihaz SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW RAWABI 110/13.8KV S/S Render re-Configuration and Re-Commissioning Services for the existing SCADA RTU at KM-5 substation.
MAY, 2016 CONCO SAUDI ELECTRICITY CO.	RETROFITTING OF 13.8 KV CIRCUIT BREAKERS IN EOA STATIONS Provide all required technical services to rearrange, reconfigure, retesting & re-commissioning of existing SCADA RTUS at Sang 69/13.8KV, Anood 69/13.8KV, KFU 69/13.8KV, Borshaid 69/13.8KV, Nasira 69/13.8KV, and Meridien 69/13.8KV substations.
NOVEMBER, 2015 Alstom SAUDI ELECTRICITY CO.	EXPANSION OF MEDINA SOUTH 380/110KV S/S Render re-Configuration and Re-Commissioning Services for the existing SCADA RTU at Medina South substation.
AUGUST, 2015 Al-Gihaz SAUDI ELECTRICITY CO.	EXPANSION OF UN-3 110/13.8KV SUBSTATION, JEDDAH Expand the existing XCell SCADA RTU at UN-3 substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning. Render re-Configuration and Re-Commissioning Services for the existing XCell SCADA RTU at Jamia S/S.
JUNE, 2015 CONCO SAUDI ELECTRICITY CO.	REPLACEMENT OF ABTS, ATS, AND RTCC Expand the existing SCADA RTU at Bayounia, Ittissalat, Dammam Housing, Qatif Grid, Dammam Grid, Khobar Industrial, Doha, Borshaid, Ummal, Aziziyah, Faisaliyah substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.



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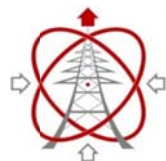
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8.2 COMPLETED JOBS

M/MONTH/YEAR COMPLETED Customer END USER	PROJECT TITLE Brief Scope Of Work
OCTOBER, 2015 Alstom SAUDI ELECTRICITY CO.	REINFORCEMENT OF #7600 S/S IN DAWADAMI Expand the existing SCADA RTU at Dawadami 33/13.8kV substation No. 7600 by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
July, 2017 NCC SAUDI ELECTRICITY CO.	POWER SYSTEM RELIABILITY IMPROVEMENT PROJECT FOR ARAMCO SOUTHERN AREA OIL OPERATION(SAOO) Expand the existing XCell SCADA RTU at Uthmaniyah P/P 115/13.8kV S/S by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
FEBRUARY, 2017 Treg Al Jaafari SAUDI ELECTRICITY CO.	REINFORCEMENT OF AL FURSAN 115/13.8KV S/S Expand the existing XCell SCADA RTU at Al Fursan substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
NOVEMBER, 2015 Alfanar SAUDI ELECTRICITY CO.	REINFORCEMENT OF AL-RAWABI 132/13.8KV S/S IN ARAR AREA Expand the existing SCADA RTU at Al-Rawabi substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
NOVEMBER, 2015 Alfanar SAUDI ELECTRICITY CO.	EXPANSION OF ABQAIQ CENTRAL 230KV S/S Expand the existing SCADA RTU at Abqaiq Central substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
APRIL, 2015 Alfanar SAUDI ELECTRICITY CO.	REPLACEMENT OF 13.8KV SWITCHGEAR IN 17BD AND 19BD Expand the existing SCADA RTU at 17BD substation and 19BD substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
FEBRUARY, 2015	SCADA AND SOE EXPANSION AT THE REMOTE ENDS OF FARAS AND AL-KHARJ



M/ONTH/YEAR COMPLETED Customer END USER	PROJECT TITLE Brief Scope Of Work
SIEMENS SAUDI ELECTRICITY CO.	Expand the existing SCADA RTU at Faras 380KVsubstation and substation No. 9003 by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
DECEMBER, 2014 TIEPCO SAUDI ELECTRICITY CO.	INSTALLATION OF VOLTAGE REGULATOR AND PARALLEL OPERATION AT TABARJAL POWER PLANT-33/13.8KV SUBSTATIONS Expand the existing SCADA RTU atTabarjal 33/13.8kVsubstation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
NOVEMBER, 2014 Al-Osais Contracting Company SAUDI ELECTRICITY CO.	DIVERSION OF 44BC S/S FROM BERRI P/P TO JUBAIL-2 230/115/34.5KV SUB-1 Expand the existing SCADA RTU and SOER at 44BC substation and Jubail-2 substation No.1 by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
OCTOBER, 2014 ABB Automation SAUDI ELECTRICITY CO.	CONSTRUCTION OF AL-HASSA SOUTHWEST 380/230/115/13.8 KV BSP Expand the existing SCADA RTU at Faras 380kV, Faras 230kV, Hawiyah 380kV BSP, Mahasen 230kV, RWPS-5 230kV, Wasia 230kV, and Uthmaniyah 115kV substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
OCTOBER, 2014 ABB Automation SAUDI ELECTRICITY CO.	EXPANSION OF SCADA RTU AT JUBAIL-2 SUB-1 230KV SS Expand the existing SCADA RTU and SOER at Jubail-2 230kV substation No.1by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2014 Tareg Al-Jaafari Contracting Co. SAUDI ELECTRICITY CO.	CONSTRUCTION OF JABAL AL-QARAH 115/13.8KV SUBSTATION Expand the existing SCADA RTU at Abu Al-Hassah 115/13.8kVsubstation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
	CONSTRUCTION OF AL-MOHERIES 115/13.8KV SUBSTATION Expand the existing SCADA RTU at Jawatha BSP and North Mubarraz substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping



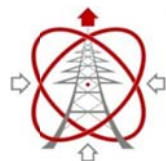
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M/MONTH/YEAR COMPLETED Customer END USER	PROJECT TITLE Brief Scope Of Work
	<p>configuration engineering and, testing & recommissioning.</p> <p>REINFORCEMENT OF AL-MASOUDI 115/13.8KV SUBSTATION Supplying a new panel to expand the existing RTU at Al-Masoudi to accommodate the additional SCADA signals. The above activity involves engineering design, panel assembling, factory testing, site delivery, installation, reconfiguration engineering and testing and commissioning.</p> <p>REINFORCEMENT OF AL-QADISIYYAH 115/13.8KV SUBSTATION Expand the existing SCADA RTU at Al-Qadisiyyah 115/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.</p>
<p>NOVEMBER, 2013 Tareg Al-Jaafari Contracting Co. SAUDI ELECTRICITY CO.</p>	<p>69KV INTERTIES AMONG BSP IN DAMMAM AREA PHASE-III Expand the existing SCADA RTU and SOER at Sahelia 69kV, Khobar Industrial 69kV, New East Khobar 69kV, Green Belt 69kV, Thuqbah BSP, Rakkah BSP, Dammam BSP, Qatif BSP substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.</p>
<p>FEBRUARY, 2013 ABB contracting SAUDI ELECTRICITY CO.</p>	<p>REINFORCEMENT OF FARAS 230 KV P/P SUBSTATION Expand the existing Harris Microplex SCADA RTU at Faras P/P 230kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.</p>
<p>JANUARY, 2013 AREVA SAUDI ELECTRICITY CO.</p>	<p>WESTERN REGIONAL CONTROL SYSTEM REPLACEMENT Upgrade the existing XCell RTU for Thirty(30)substations in Western area (Saudi Arabia) to be able to connect IEC-104, the stations should be able to communicate during 4 ports to WRCC(Western Region Control Center) All SCADA RTU related jobs are included such as engineering work related to the SCADA RTU installation, configuration / operational setup and testing & commissioning activities.</p>
<p>SEPTEMBER, 2012 Sojitz Corporation SAUDI ELECTRICITY CO.</p>	<p>CONSTRUCTION OF NEW QATIF 380/115/13.8KV BSP Supply of New DSM at Jubail 380/230kV substation includes Design, Panel Assembling, factory testing, installation, HW operational setup, developing configuration engineering</p>



M/MONTH/YEAR COMPLETED Customer END USER	PROJECT TITLE Brief Scope Of Work
	and, testing & commissioning. Expand the existing SCADA RTU and SOER Qatif 380kV BSP and Dhahiyah 380kV BSP by providing expansion kits, performing expansion engineering, HW installation, configuration engineering and, testing & recommissioning.
AUGUST, 2012 Tareg Al-Jaafari Contracting Co. SAUDI ELECTRICITY CO.	69KV INTERTIES AMONG BSP'S IN DAMMAM AREA PHASE-II - SEC-EOA Expand the existing SCADA RTU at Dammam P/P substation, Ibn Khaldoun BSP, Tubashi, and Ittissalat substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, 2012 ABB SAUDI ELECTRICITY CO.	CONSTRUCTION OF 4 NEW 115/13.8 KV S/S AND REINFORCEMENT OF 2 S/S EOA Expand the existing SCADA RTU at Hafar Al-Batin and Qaisumah P/P 115/13.8kV substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, 2012 HAIF Company SAUDI ELECTRICITY CO.	REINFORCEMENT OF TABARJAL 33/13.8KV S/S Expand the existing SCADA RTU at Tabarjal 33/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2012 Siemens SAUDI ELECTRICITY CO.	POWER FACTOR CORRECTION (PFC) FOR 115 KV SS IN EOA PHASE-I Expand the existing SCADA RTU at New Rahima, Al Masoudi, Al Jalawiyah, HIE, Al Thebeyyah 115/13.8kV substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
MARCH, 2012 SSEM SAUDI ELECTRICITY CO.	POWER SUPPLY TO SIPCHEM PETROCHEMICAL CONVERSION IN JUBAIL-2 S/S 115KV UG CABLES AND PROTECTION Supply of New SCADA RTU at PCC 115kV Substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end Jubail-2 230/115kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.



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MARCH, 2012 HAIF Company SAUDI ELECTRICITY CO.	REINFORCEMENT OF SADEA 33/13.8 KV S/S Expand the existing SCADA RTU and SOER at Sadea 33/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning
JANUARY, 2012 Saudi Electricity Co. SAUDI ELECTRICITY CO.	REPLACEMENT OF (RTUS) AT TWENTY (20) SELECTED COMPANY GRID/SUBSTATION IN SEC-EOA/NOA PROJECT Supply of SCADA RTU Replacement at 30CC-JRCC, 31CC-JRCC, 32CC-JRCC, Airfield, Awamia, Badrani, Bayonia, Borshaid, DIE-1A, DIE-1B, East Airport, Jamieyeen(Dammam Grid), Khudaria(West Dammam), King Fahad Airport, MODA, Hospital, MODA Housing, Sport City, Qatif Grid, Tarut, Um Ashahk, substations, includes design, panel assembling, factory test, RTU replacement engineering works, HW operational setup, developing configuration engineering and, testing & recommissioning.
DECEMBER, 2012 Abaja Contracting Company SAUDI ARAMCO	INTEGRATION AND UPGRADING' SOLUTION FOR LEAK DETECTION SYSTEM Provision of a Solution to Integrate and Upgrade the LDS at RMC Bldg 3301 and perform on a lump sum Design, installation, configuration / operational setup and testing & commissioning activities.
December, 2011 Saudi Electricity Co. SAUDI ELECTRICITY CO.	MONITORING & CONTROL SUPPORTING HARDWARE DEVICES -MDNOD Supply and install control hardware along with interface devices to Siemens Telegyr with full functions and configuration applications designed to view and monitor the control system interface between hardware and Siemens Telegyr at SEC-EOA Dammam HQ Main and in JRCC Control Center.
DECEMBER, 2011 PA-COST International SAUDI ELECTRICITY CO.	REINFORCEMENT OF THE ZALLUM VILLAGE 33/13.8 KV S/S Supply of SCADA RTU and SOER Replacement for the existing Harris Microplex 5000 SCADA RTU and Ronan X500E SOER at Zallum Village 33/13.8kV substation, includes design, panel assembling, factory test, site replacement engineering works, HW operational setup, developing configuration engineering and, testing & recommissioning.
SEPTEMBER, 2011 Siemens	CONSTRUCTION OF SAFANIYAH 380/230KV BSP Supply of New SOER at Safaniyah substation No.10 and Saudi Aramco Substation,



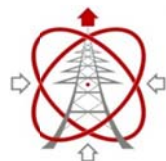
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SAUDI ELECTRICITY CO.	includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at Eight(8) remote end substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
SEPTEMBER, 2011 Siemens SAUDI ELECTRICITY CO.	REPLACEMENT OF PROTECTION & CONTROL EQUIPMENT FOR 230 KV SUBSTATION IN DAMMAM AREA. Expand the existing SCADA RTU and SOER at Qatif BSP and Dammam BSP by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning
August, 2011 Siemens SAUDI ELECTRICITY CO.	POWER FACTOR CORRECTION (PFC) IN EOA PHASE-II Expand the existing SCADA RTUs at Khobar Industrial, Qatif Grid, Tarut, Meridian, Al-Manakh, Al-Mutlaq, Doha, KFUPM-1, Awamiyah, KFUPM-II, Safwa, Air Field, Sang, Al-Salam, Ain-Nakheel, Saudi Cement substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning
MARCH, 2011 Siemens SAUDI INTERNATIONAL PETROCHEMICAL COMPANY	IUCL 115KV POWER SUPPLY AND SUBSTATION Supply of New SCADA RTU at IUCL 115kV substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end Jubail South East 230kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
MARCH, 2011 Al-Mashariq Trading & Contracting Co. SAUDI ELECTRICITY CO.	SCADA RTUS TO FIFTEEN (15) 115KV SUBSTATION IN SEC-EOA Supply of New SCADA RTU at As-Sarrar, As-Sayyit, Chicken Ranch, Hanidh, Haradh, Khur Thiabah, Nata, Rafeah, RWPS 3C, RWPS 4C, Sadawi, Shamlol, Tufiah, Umm Al Arad, Uthmaniyah-6, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.



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MARCH, 2011 Al-Osais Contracting Company SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW AZ-ZUHOOR 69/13.8 KV SUBSTATION Supply of New SCADA RTU at New Az-Zuhoor 69/13.8kV substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
NOVEMBER, 2010 Energy & Power Contracting Co. Ltd SAUDI ELECTRICITY CO.	EXPANSION OF SCADA AND SOE RTU AT BERRI POWER PLANT Expand the existing L&G SCADA RTU and Ronan SOER at Berri P/P substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
OCTOBER, 2009 Siemens SAUDI ELECTRICITY CO.	INSTALLATION OF 132KV QASSIM CAPACITOR BANK - SS#8800 Expand the existing SCADA RTU at Qassim 132kV substation No. 8800by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
APRIL, 2009 Al-Osais Contracting Company SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW AL-DHAHIYAH BSP Supply New DSM at New Dhahiyah BSP, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
DECEMBER, 2008 Al-Babtain Contracting Company SAUDI ELECTRICITY CO.	REINFORCEMENT OF NO. 8077 132KV SUBSTATION, SEC-COA Expand the existing SCADA RTU at 132kV substation No.8077by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, 2008 SSEM SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW 380/132KV SUBSTATION NO.9023 IN P/P-10 RIYADH Supply of New DSMat P/P-10 substation No. 9023and New SOER at remote ends 9002, 9003, 9013, 9015, 9021, 8069, 8020, 8706substations, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
AUGUST, 2008 Al-Fanar SAUDI ELECTRICITY CO.	ADDITIONAL POWER SUPPLY TO KING FAISAL UNIVERSITY 115/13.8KV S/S Supply New SCADA RTU at New King Faisal University 115/13.8kV substation, includes design, panel assembling, factory test, installation, HW operational setup, developing



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	configuration engineering and, testing & commissioning. Expand the existing SCADA RTU at remote ends Al-Hassah 115/13.8kV and South Hofuf 115/13.8kV substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2008 SSEM SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW 132/13.8KV SUBSTATION NO.8165 DURRAT AL-RIYADH Supply New DSM at New Durrat Al-Riyadh substation No.8165, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
JUNE, 2008 SSEM SAUDI ELECTRICITY CO.	ROYAL COMMISSION PROJECT EPC OF 2 SUBSTATIONS FOR JUBAIL 2 STAGE 2 Supply New DSM at New Jubail-2 substation No.2, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
JUNE, 2008 Al Toukhi Co. SAUDI ELECTRICITY CO.	REINFORCEMENT OF DOUMAT AL-JANDAL 132/33/13.8KV SUBSTATION Expand the existing SCADA RTU at Doumat Al-Jandal 132/33/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
MAY, 2008 Al-Fanar SAUDI ELECTRICITY CO.	REINFORCEMENT OF WADI JALEEL 380KV SUBSTATION Expand the existing SCADA RTU at Wadi Jaleel 380kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
MAY, 2008 AREVA SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW JUBAIL 380/230KV SUBSTATION IN JUBAIL 2 Supply of New DSM at New Jubail 380/230kV substation, and New SOER at Marafiq 380kV, PMD(Saudi Kayan) 230kV, and New Jubail 380kV substations, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote ends Jubail North 230k, Berri 230kV, Jubail Community 230kV, Jubail South East 230kV, Jubail South West 230kV, NIGC 230kV, Jubail Khursaniyah 230kV, Al Fadhili 380/230kV, and Jubail 230kV substations by providing expansion kits, performing



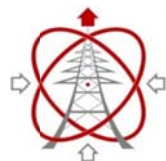
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	expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
NOVEMBER, 2007 Al-Fanar SAUDI ELECTRICITY CO.	CONSTRUCTION OF 115KV OHTL FOR JUBAIL SECONDARY INDUSTRIES SUBSTATION AND NEW SAIHAT SUBSTATION Supply of SCADA RTU Replacement for the existing SCI SCADA RTU at 44BC Substation and existing Ronan X500E SOER at Berri 230kV substation, includes design, panel assembling,, factory test, Replacement engineering n works, HW operational setup, developing configuration engineering and, testing & commissioning.
MARCH, 2007 Al-Fanar SAUDI ELECTRICITY CO.	CONSTRUCTION OF (HIE) 115/13.8KV SUBSTATION NO. 2 AND MODIFICATION OF 13.8KV SWITCHGEAR @ RWPS-3C, VALVE # 6. Supply New SCADA RTU at New HIE 115/13.8kV substation No.2, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU at remote end HIE 114/13.8kV substation and Al-Uyun substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
MARCH, 2007 National Contracting Co. SAUDI ELECTRICITY CO.	POWER SUPPLY TO SAUDI ARAMCO EAST/WEST PUMP STATION NO. 3 Supply New SCADA RTU and New SOER at New Saudi Aramco East/West Pump Station No.3, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end Wasia 230kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
OCTOBER, 2006 National Contracting Co. SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW JUBAIL - 2 230/110/34.5KV SUBSTATION -1 Supply New SCADA RTU and New SOER at New Jubail -2 230/110/34.5kV substation No. 1, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote ends Jubail North 230kV and Al-Fadhili 380kV



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	substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
OCTOBER, 2006 ABB SAUDI ELECTRICITY CO.	SCADA RETROFIT AT MADINAH SOUTH 380KV AND JAMIA 380KV SUBSTATIONS Supply of SCADA RTU Replacement at Medinah South 380kV and Jamia 380kV Substations, includes design, panel assembling,, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
OCTOBER, 2006 ABB SAUDI ELECTRICITY CO.	DYNAMIC REACTIVE COMPENSATION IN WESTERN REGION Supply New SCADA RTU, New SOER, New DSM, New TFR, and VQR at New SVC Faisaliyah 380kV, SVC Jamia 380kV, and SVC 380kV, includes design, panel assembling,, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
AUGUST, 2006 Mohammed Al-Ojaimi Contracting Est. SAUDI ELECTRICITY CO.	ROYAL COMMISSION CONTRACT NO. 715/C05 HAII JALMUDAH 115/13.8KV S/S-16BD Supply of New SCADA RTU and New SOER at New 16BD (Jalmudah) 115/13.8kV substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote ends Haii Al-Jalmudah 115/13.8kV substation, Haii Al-Fanateer 114/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, 2006 Mohammed Al-Ojaimi Contracting Est. SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW RAHIMA 115/13.8KV SUBSTATION Supply of New SCADA RTU at Rahima 115/13.8kV substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
SEPTEMBER, 2005	REINFORCEMENT OF DOUMAT AL-JANDAL 132/33/13.8KV SUBSTATION



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Al-Osais Contracting Company / SAUDI ELECTRICITY CO.	Expand the existing SOER at Doumat Al-Jandal 132/33/13.8kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2005 Larsen & Tubro SEC /SAUDI ARAMCO	CONSTRUCTION OF NEW JU'AYMAH 230KV BSP - JU'AYMAH AREA Supply of New SCADA RTU at New Juaymah 230kV BSP, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, 2004 SSEM SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW JUBAIL SUBSTATION NO. 5, JUBAIL CITY. Supply of New SCADA RTU at New Jubail substation No.5, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at remote end Berri 230kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
AUGUST, /2004 Al Toukhi Co. SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW AL-MANAKH 69/13.8 KV SUBSTATION AT QATIF AREA. Supply of New SCADA RTU at Al-Manakh 69/13.8kV Substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU at remote end Qatif BSP substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2004 SSEM SAUDI ELECTRICITY CO.	REINFORCEMENT OF TÁLIMI GRID SUBSTATION, AL-KHOBAR. Supply of SCADA RTU Replacement at Shedgum 380kV Substation, includes design, panel assembling,, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
APRIL, 2003 ABB	CONSTRUCTION OF NEW SPIC 230 KV SUBSTATION - JUBAIL IND. CITY. Expand the existing SOER at Jubail South East 230kV substation by providing expansion



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SAUDI ELECTRICITY CO.	kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JUNE, 2002 ABB SAUDI ELECTRICITY CO.	REINFORCEMENT OF FARAS 380 KV SUBSTATION Supply of SCADA RTU Replacement at Faras 380kV Substation, includes design, panel assembling,, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
MAY, 2002 ABB SAUDI ELECTRICITY CO.	REINFORCEMENT OF SHEDGUM 380 KV SUBSTATION Supply of SCADA RTU Replacement at Shedgum 380kV Substation, includes design, panel assembling,, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
MAY, 2002 Al-Mashariq Trading & Contracting Co. SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW MAZRO'AYA SUBSTATION AT DAMMAM AREA. Supply of New SCADA RTU at Mazro'aya substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Supply of SCADA RTU Replacement for the existing Harris Microplex 5000 SCADA RTU at Anood Substation, includes design, panel assembling,, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
APRIL, 2002 ABB SAMSUNG	ERECTION OF NEW SPC 230 KV SUBSTATION AT JUBAIL INDUSTRIAL CITY Supplyof New SOER at New SPC 230kV Substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU and SOER at Jubail North 230kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
FEBRUARY, 2002 ABB SAUDI ELECTRICITY CO.	ERECTION OF NEW JUPC 230 KV SUBSTATION AT JUBAIL INDUSTRIAL CITY Supplyof New SCADA RTU and SOER system at JUPC 230kV Substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU



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	and SOER at remote end Jubail North 230kV and Berri 230kV substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JANUARY, 2002 Al Toukhi Co. SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW HAFAR AL-BATIN SUBSTATION NO. 5 AND REINFORCEMENT OF HAFAR AL-BATIN AREA. Supply of New SCADA RTU at New Hafar Al-Batin Substation No.5, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning. Supply of SCADA RTU Replacement at Hafar Al-Batin Substation No.3 and Hafar Al-Batin Substation No.1, includes design, panel assembling, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning. Expand the existing SCADA RTU at Qaisumah P/P substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
DECEMBER, 2001 Nesma Co. Ltd. SAUDI ELECTRICITY CO.	EXTENSION OF NAVY BASE 115 KV SUBSTATION AT JUBAIL Expand the existing SCADA RTU and SOER at Jubail Navy Base and Berri 230kV Substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JULY, 2001 Mitsubishi SAUDI ELECTRICITY CO.	INSTALLATION OF DYNAMIC SYSTEMS MONITOR AT IBN KHALDOUN BSP, SHEDGUM 380 KV AND GHAZLLAN 230 KV Supply of New SRAFE Dynamic System Monitoring at Ibn Khaldoun BSP, Shedgum 380kV, and Ghazlan 230kV Substations, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
FEBRUARY, 2001 Saudi Electricity Co. SAUDI ELECTRICITY CO.	GENERATION OPTIMIZATION STUDY FOR ALL SEC BRANCHES Provide local engineering labor as needed, administrative and coordination to PTI for their Generation Optimization Study contract with SEC-ERB for Kingdom wide study.
DECEMBER, 2000	CONSTRUCTION OF TUFAlH SUBSTATION AND REINFORCEMENT OF JUBAIL



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Bin-Laden SAUDI ELECTRICITY CO.	COMMERCIAL PORT SUBSTATION AND MODIFICATION OF QAISUMAH P/P Supply of SCADA RTU Replacement at Jubail Commercial Port Substation, includes design, panel assembling, factory test, replacement engineering works, HW operational setup, developing configuration engineering and, testing & commissioning.
NOVEMBER, 2000 ABB SAUDI ELECTRICITY CO.	REINFORCEMENT QATIF BSP SUBSTATION, QATIF AREA Expand the existing SCADA RTU at Qatif BSP by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JANUARY, 2000 ABB SAUDI ELECTRICITY CO.	CONSTRUCTION OF NEW IBN-ZAHAR 230 KV SUBSTATION AT JUBAIL INDUSTRIAL CITY. Supply of New Redundant SCADA RTU at Ibn Zahar 230kV Substation, includes design, panel assembling, factory test, installation, HW operational setup, developing configuration engineering and, testing & commissioning.
AUGUST, 1999 JAL International SAUDI ELECTRICITY CO.	SCADA RTUS INSTALLATION AT 8 DOA SUBSTATIONS Rendering re-configuration Engineering and testing & Commissioning Services at Eight(8) substations in SEC's Dammam Operating Area.
APRIL, 1999 Marubini SAUDI ELECTRICITY CO.	REINFORCEMENT OF GHUNAN 380 KV SUBSTATION Expand the existing SOER at Ghunan 380kV substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
FEBRUARY, 1998 JAL International SAUDI ELECTRICITY CO.	INSTALLATION OF NINE (9) METROLOGICAL STATIONS AT VARIOUS SEC-ERB'S GENERATION SITES Our scope is limited to field and equipment interfacing engineering design, Supervision, testing and commissioning of 9 Meteorological Stations installed at 9 SCECO-East Power Plants. These stations measure wind speed, wind direction, ambient Temperature, relative humidity, atmospheric pressure and dew point
JUNE, 1997 Al-Fanar	REINFORCEMENT OF SOUTH HOFOUF 230/115 KV S/S, HOFOUF Expand the existing Harris Microplex 5000 SCADA RTU at South Hofouf 230/115kV



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SAUDI ELECTRICITY CO.	substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
JANUARY, 1997 ABB SAUDI ELECTRICITY CO.	SCADA & SOE SYSTEMS EXPANSION AT BORSHAID 69/13.8 KV S/S AND SHEDGUM S/S Expand the existing SCADA RTU at Borshaid substation by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.
SEPTEMBER, 1996 National Contracting Co. ROYAL COMMISSION	REINFORCEMENT OF 17BD SUBSTATION, JUBAIL INDUSTRIAL CITY Expand the existing SCADA RTUs at all four(4) substations by providing expansion kits, performing expansion engineering, HW installation, redeveloping configuration engineering and, testing & recommissioning.

