



انتركون لتقنية انظمة المعلومات ذ.م.م.

INTERCON TECHNICAL INFORMATION SYSTEMS L.L.C.

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power distribution

automation

engineering

diesel generating sets 30 - 3500 kVA

production

maintenance

GENSET RENTING

HV and LV products

power transmission & distribution

technical support



POWER SOLUTIONS

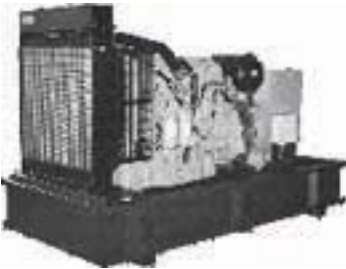
ENERGY CONTROL

INTERCON TECHNICAL INFORMATION SYSTEMS L.L.C.

Web: www.intercon-it.com

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INTERCON was founded with the mission of providing expertise for power, industrial and chemical plants automation systems and high technical projects solutions. Also we have established the software development team that supports and develops software solutions for automation industry. Power Generation department in company for power transmission and distribution as Genset department are the skeleton of company today. We could describe us as dynamic team that combines our expertise and customer care to deliver high-quality products and solutions.



innovations & responsibility

OUR MISSION

Potential customer and **INTERCON TIS L.L.C.** personnel together define requests to find the proper solution for the concrete project. Our business philosophy is to set the customer in the center of project and accordingly create technical solutions for any demand. With our IT and energetic solutions we have become reputable business partner with companies all over the world.



innovations & responsibility

We develop, manufacture, test and globally sell and service our products ourselves and our partners companies and therefore we have full control of all product processes.

The INTERCON's products are designed using the latest technology and manufactured as well as inspected by highly skilful and qualified personnel

OUR SCOPE OF WORKS INCLUDE

- automation



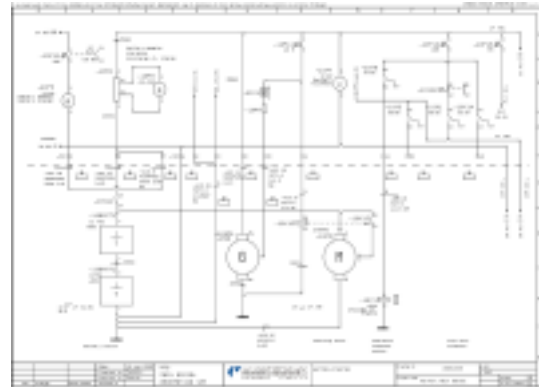
- software development



- power generation



- engineering



- diesel generating sets up to 3,5MVA
- genset equipment



- **power transmission and distribution products**

- POWER TRANSFORMERS
- DISTRIBUTION TRANSFORMERS
- SPECIAL TRANSFORMERS
- CABLE BOXES
- REACTORS
- CTs & PTs
- HV APPARATUS
- HV GAS INSULATED SWITCHGEAR
- SURGE ARRESTERS
- PREFABRICATED SUBSTATIONS
- MV APPARATUS
- MV SWITCHGEAR
- LV TERMINAL EQUIPMENT
- CABLE & BUSDUCT
- HV CAPACITORS
- FIRE APPARATUS



- installation
- commissioning
- maintenance

- **HV and MV switchgears**



- **EIB technology of smart buildings**
- **Industrial and business software development**
- **Power plant maintenance**

INTERCON SOLUTIONS



Our advantages are:

- *quality*
- *high technical knowledge*
- *technically completed products*
- *own testing and development*
- *price*
- *flexibility*
- *postproduction services*
- *own production with our partners*
- *market support*
- *customer support*
- *investments*
- *making direct sale*

Our project engineers are with references all over the world, trained and skilled for all technical tasks. Constant team of experts is our way for resolving projects demands of all type.



inTERCON SOLUTIONS

Diesel generating sets up to 3,5MVA and genset equipment

Our company, in cooperation with our partners in Europe, is producing generating set units especially projected for each customer. The production range is from 30kW – 3,5 MW. In our production we assemble the engine and alternator. Base frame, sound isolated canopy and complete electrical cabinet with control panel are produced by our company. Because of this we are very flexible in the generating set dimensions, fuel tank volume, specific electrical cabinets and changeovers. We can offer manual control panel, automatic and parallel control panel with synchronization.

Because of our quality and flexible production, high technical knowledge, guarantee, service and maintenance we can supply customers with high technical demands such as:

- *Hidro electric plants on river Drava and Sava (Slovenia, Europe) up to 1,5MW*
- *Hospital Maribor (Slovenia, Europe), 1.6MW*
- *Antenna station Nanos, Pohorje (Slovenia, Europe), 2,2 MW*
- *GSM network antenna and military object Slavonski Brod (Croatia, Europe), 1,0MW*
- *Management building PlinaCro Zagreb (Croatia, Europe), 1.2MW*
- *Argeta food production Sarajevo (BIH, Europe),*
- *ERA shopping center Pristina (Kosovo, Europe),*
- *GPC Crane energetic Abu Dhabi (UAE) for IMCC*
- *GPC Control panel for Genset 500 kVA Abu Dhabi (UAE) for IMCC*



INTERCON SOLUTIONS

-generating set in container, 2,2MW

INTERCON SOLUTIONS

Generating set control panels

We equip our generating sets with electrical cabinet with a control and power part for automatic switch-on at set time in case of power failure and automatic switch-off at re-established connection with the electricity grid.

The control electrical cabinet is constructed of pre-fabricated free-standing or wall-attached standard panels. The electrical cabinet's power-operating and control parts are divided with a partition. Access to the electrical cabinet is possible from the front side, with connection cables from below. All junctions and connection clips are properly marked. The electrical cabinet's mechanical safety level is IP54.

Minimal equipment of the electrical cabinet:

- control system of the engine
- generator and exciting equipment with voltage regulation
- generator uncoupler
- indicative, measuring and alarm instruments
- three-phase, four-wired gathering connection with adequate protection and operating elements for supplying all types of auxiliary instruments of a diesel generating set.



-IMCC cranes

INTERCON SOLUTIONS

INTERCON SOLUTIONS

**Generating set control panel for UAE
Armed Forces, Ladies beach**

Total installed power: 1200kW
Design, engineering and commissioning of control panel
for two emergency diesel-gensets and low voltage
switchgear.



Control panel includes:

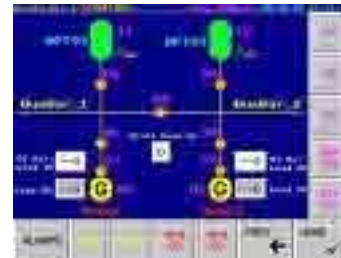
- PLC type AC31 ABB,
Synchronizing and paralleling equipment



Generating sets for IMCC group in Abu Dhabi, UAE



10 pieces of generating sets with
controlling systems for port cranes
delivered in December 2007,
IMCC group.



power control

- Generating sets with power distribution systems for construction sites for rent

Maintenance and engineering of power plants and water supply systems:

- DOHA WEST POWER PLANT, KUWAIT

Detail design, engineering and commissioning of control system for 8 boiler/turbine units at TPP Doha West(2.4 GW), Kuwait

- Logic development (ABB Procontrol P14)
- Visualization (ABB Procontrol P14)

Designing related documentation (system drawings, I/O lists)

- KHOR AL ZUBAIR, Iraq,

Engineering and maintenance

CL1A, Khor Al Zubair, IRAQ Rehabilitation 6kV/SFC SYSTEM

- WAFRA

Maintenance of 4 Nos Fresh Water Reservoirs, Wafra

- Al Ruweis, Al Taweel ah B Ext., Sitra

Planning (U.A.E.)

- Sitra Power & Water Station

Rehabilitation

- Fujairah Power & Water Station

Project CCTV System

- ALBA and Az Zour

Electrical Systems

- Shuweihat U.A.E.

Planning & Com.



- Hurricane Kumkol Munai JSC, Kazakhstan

Commissioning of control system for three gas turbines

Control system: PROCONTROL P14



TRANSFORMER PRODUCTION

- Three-phase Oil-immersed Transformer With OLTC*
- Three-phase Oil-immersed Transformer With NVTC*
- Two-phase Distribution Transformer With NVTC*
- Three-phase Distribution Transformer With NVTC*
- Three-phase Fully Sealed Distribution Transformer*
- Three-phase Fully Sealed Distribution Transformer With Rolled Iron Core*
- Three-phase Fully Sealed Distribution Transformer*
- Fully Sealed Three-phase Distribution Transformer with Rolled Iron Core*
- Fully Sealed single-phase Distribution Transformer With Rolled Iron Core*
- Combined Transformer*
- Series Epoxy Resin Cast Dry Type Transformer*
- Series Impregnated Dry Type Transformer of H Class Insulation*
- Dry Type Iron Core Sweies Reactor*



power range: up to 200 MVA

- Special transformers adapted to customer (or projects) demand*

INTERCON SOLUTIONS

special transformers referent list

- 110KV distribution & transformation project of Inner Mongolia Power Company 2005
- Linfen Power Supply Bureau Thermoelectricity Company
- Songzi Water Supply Project
- Mianyang Xinhuaneng Electrical Project Co., Ltd
- Shandong Yinkuang Liangongfa Chemical Engineering Co.,Ltd.
- Neimenggu Haibowan Power Plant third-period Project Water Source Station oil Transformer
- Export--Yemen Project
- PPCC 63610 Army Project
- China Aluminium Industry Qinghai Subbranch "First/Second Stage" Electrolysis Flue Gas Cleaning
- Hubei Power Company 500kV Hankou Substation Project
- Gangsu Copper smelting Acid Making Systems Polution Treatment Project
- Hebei Sanli Group Bleaching and Dyeing Workshop Switchgear
- Sichuang Hydroelectric Investment&Management Group
- Yunnan Diandongbei Electromechanical Device Appliance Co.,Ltd.

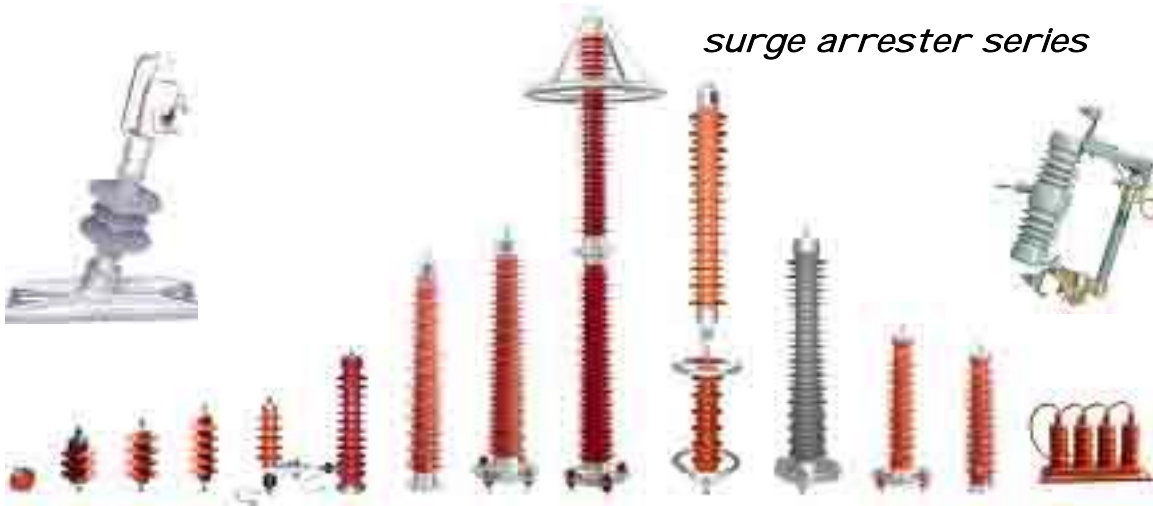
..and 250 projects of transformers with power range up to 200 MVA



INTERCON HV and MV power wires and cables



surge arrester series



hv capacitors





current project:

ETIHAD TOWERS,
EMERGENCY POWER
SUPPLY
3 x 2200 kVA, *engineering,
technical solutions, complete
automation, tower energetic.*

INTERCON SOLUTIONS

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INFORMATION SYSTEMS L.L.C.**

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You are welcome to visit us.

Become part of our technical world.



INTERCON TIS L.L.C.

Your reliable partner.



شركة المرفأ للطاقة
Al Mirfa Power Company



شركة أبوظبي للمياه والكهرباء
Abu Dhabi Water & Electricity Company



شركة أبوظبي للتوزيع
Abu Dhabi Distribution Co.



شركة أبوظبي للتحويل والنقل
Abu Dhabi Transmission & Dispatch Company



IMCC Operations, Abu Dhabi

