Electrical / Integrated Project Solutions

Integrated Electrical Solutions combining proven ABB Products and Industrial IT Systems for Petrochemicals, Oil and Gas related Projects.

ABB has launched Integrated Electrical Project Solutions in order to handle projects which require electrical equipment engineered and installed in the usual safe, secure, reliable and well-documented manner.

Electrical/IPS is based on state-of-the-art technology put into a total integrated system and is ready to be part of retrofit or Greenfield solutions. Electrical/IPS is specifically designed for oil and gas exploration and downstream petrochemical activities.

Electrical/IPS is designed to easily integrate with third party devices, such as automation systems, telecommunication and off-the-shelf equipment. ABB Industrial IT provides engineers with a powerful toolbox, saving valuable time and effort during the entire life-cycle of the assets. Single entry of data and object-oriented workflow improve effectiveness.

In addition to product solutions ABB offers all required services from conceptual studies through project execution and beyond, including support throughout the assets' life-cycle.

Benefits
- Increased electrical efficiency
- Less interface problems
- Increased security and reduced project risk
- Efficient engineering
- Proven technology
- Recognized and proven products
- Application know-how
- Improved quality
- Keep the cost of operation to a minimum
- Improved safety health and environmental performance
- Solutions that give you the competitive advantage to meet changing market demands
- Field proven solutions
- Worldwide service and support
- Alliances with clients, equipment suppliers, vendors, etc.
- Interfaces to all electrical suppliers/channel partners
- Global presence
Electrical/IPS for upstream and downstream may consists of complete deliveries of:

- Total Integrated Electrical Solutions
- Proven Products & Equipment
- Power Generation & Distribution
- Equipment selection (transformers, switchgears, UPS, motors & drives, etc.)
- Application System Engineering
- Electrical Management System
- Layout Design
- Power & Instrumentation Cabling
- Cable Trays & Trenches

Our services include:

- Conceptual design and product definitions
- Detailed/volume engineering
- Construction, Installation, Commissioning & Training
- Operational & Maintenance Support

Abb (www.abb.com) is a global leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impacts. ABB has some 152,000 employees in more than 100 countries.

Upstream references
- Norsk Hydro – Grane Project
- Statoil – Kvaløya
- Esso – Ringhove
- BP Amoco – ETAP Project
- BP Amoco – Clair Project

Downstream references
- Statoil – Kårstø, Kollsnes
- Glanford Power Station UK