



CONSORTIUM: Limited Liability Company «EMV-ENERGO» in cooperation with Limited Liability Company «INFORMATION AND TECHNOLOGIES» (INIT Ltd) offer the integrated solutions for design, development, commissioning, maintenance and upgrade of Instrumentation & Control Systems (I&C) for industrial enterprises of various sectors, including thermal and hydroelectric power plants. The Consortium has implemented a full productive cycle that allows developing and creating turnkey information and control systems.

MAIN ACTIVITIES

1. Development, manufacture supply, commissioning, service of information and control systems.
2. Development, design and implementation of electronic part of turbine governor.
3. Matching frequency regulation and power control systems of turbine units in accordance with ENTSO-E (UCTE) requirements for joint work in the power grid.

DESIGN

Design scope includes:

1. Investigation of existing Instrumentation & Control Systems (I&C) or individual information and control systems, making appropriate conclusions and developing recommendations for their modernization and reconstruction.
2. Project development of information and control systems for power plants and other production units.
3. Development of estimate documents and specifications for equipment and materials.
4. Development of algorithms for microprocessor control systems of power units and other production enterprises, and man-machine interface systems.
5. Technical expertise of I&C projects and individual information and control systems, making appropriate conclusions.

EQUIPMENT DELIVERY

Equipment delivery scope includes:

1. Delivery of software and hardware I&C complex – microprocessor systems, computer equipment, equipment of local area networks.
2. Delivery of man-machine interface systems – means of information presentation, controls, consoles and panels.
3. Delivery of field equipment - sensors, actuators, control valves, RTZO (valve control electrical cabinet).
4. Supply of cable products.

COMMISSION

Commission scope includes:

1. Conducting of full range of commissioning works on control systems, including:
 - Expertise of the project;
 - Supervision of installation;
 - Test program development;
 - Control systems adjustment;
 - Tests execution;
 - Trial systems operation;
 - Delivery of control systems to the Customer;
2. Organization of I&C operation.
3. I&C systems service support.
4. Development of I&C systems operation instructions.

ADVANTAGES

Among the competitive advantages of Instrumentation & Control Systems (I&C) developed by the Consortium are not only high reliability and complexity of proposed solutions, but their flexibility and adaptability to existing information technology infrastructure at the enterprise.

Investments in the automation of technological processes will allow obtaining an effective toolkit for controlling technological processes, and thereby to ensure the achievement of optimal production indicators, maximum economic efficiency of the enterprise.

PROJECTS

Reconstruction of control and management systems as well as modernization of equipment at more than 20 power units in Ukraine, Moldova, Belarus, Bulgaria and Hungary has been carried out.

CONTACTS

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