

ANNUAL REPORT
2017



 **PPA CONTROLL®**

2 Managing Director's Statement

Assessment of the Company's Overall Development in 2017

In 2017 the group of companies PPA CONTROLL, a. s. continued achieving good economic results thanks to the contribution of all companies owned by the holding company.

The key projects of the largest subsidiary, PPA ENERGO s. r. o. in addition to the completion of the Mochovce nuclear power plant Units 3 and 4 and the provision of servicing for nuclear power plants, included mainly work on the paint shop and training centre for Jaguar Land Rover, works on the electrical part of the construction of halls for Samsung and, in the second half of the year, successful deliveries and work for chemical industry factories as well.

Throughout the year the working group of PPA INŽINIERING, s. r. o., worked in coordination with the parent company to obtain an important and extensive contract for the reconstruction of a block in the Felton Thermal Power Plant in Cuba. In addition, work continued in the field of supply of technological parts and design work of the Motorway and Road Programme on motorways in sections D3 Strážov – Brodno, D2 Bratislava Lamač – state border, D1 Poprad – Levoča, D4/R7 – Bratislava ring road, work in Považský Chlmec and Bôrik tunnels as well as work in other traditional sectors.

PPA Power DS s. r. o. widened the scope of its services in the administration of the industrial park D1 Park Senec and took over the administration of the Lozorno Automotive Industrial Park again. Preparatory work was performed to expand services for ZF Slovakia Šahy and Komárno and new local distribution networks were set up.

The increased effort to make new deals had a positive impact on the growth in sales and profit in the subsidiary PPA TRADE, spol. s. r. o. last year. The company continued supplying components and spare parts especially to the Ukrainian market.

Our work also focused on compliance with the approved 2021 Business Strategy and its main pillars: the development of business, innovation, human resources, control systems and internal process streamlining.



We achieved a reduction in the administrative burden of selected processes, introduced new financial planning in subsidiaries and refined reporting. We also made progress in terms of quality, occupational health and safety and the environment. Selected companies of the PPA CONTROLL Group acquired SCCP: 2011 certificates issued by Bureau Veritas. In 2017 the labour market was significantly affected by low unemployment and shortage of skilled labour, which put more emphasis on the fulfilment of tasks in all areas of human resources work.

Expected Future Development of the Company

The company's future development will rely on our stable areas such as nuclear power engineering, classical power engineering and supplies for the industry. We want to develop more of our activities abroad and assert ourselves in important projects. We will expand the capacity of our technology team, continue building competencies and competitiveness in the field of large-scale deliveries for technology projects. We expect the continuation of the Motorway and Road Programme, we will engage in deliveries for major industrial and civil projects. By means of suitable investments we intend to promote growth in the administration of local distribution networks and we will support our foreign trade in spare parts and electrical engineering components.

Ing. Bystrík Berthoty
Managing Director

About the company PPA CONTROLL, a. s.

General Information about the Company

Legal identity

Business name: PPA CONTROLL, a. s.
Registered office: Vajnorská 137
830 00 Bratislava

Legal form: joint-stock company

Company ID: 17 055 164

VAT Reg. No.: SK2020459078

Date of incorporation: September 2, 1991

Stock capital: € 1,052,008

The Company is incorporated in the Bratislava 1 District
Court Commercial Register Section Sa, Insert No. 159/B

The Company's basic Values

- The needs of our customers and their satisfaction are paramount
- Negotiating in a professional and accommodating manner and providing services at the maximum level of quality
- Developing skills and professional growth of our employees
- Transparency, honesty and integrity
- Compliance with the law and safety standards, thorough quality control and a responsible approach to the environment

Company Milestones and History

Corporate Philosophy

As a engineering and supply company in the field of electric systems, instrumentation, control and process automation we can look back at over 65 years of success, while currently being in a stable financial position. Furthermore, we would like to continue providing our partners with full, professional services of the highest quality and optimal solutions to help them streamline their operations and raise competitiveness. We are creating a stable environment for our staff that encourages professional and personal growth. Our main goal is for the company to achieve sustainable growth and strengthen its stable position in the domestic and international market.

- | | |
|------|--|
| 1951 | ZPA-DP Praha (Prague Industrial Automation and Supply Company Works) founded |
| 1969 | Branch office in Bratislava (ZPA-OZ) founded |
| 1985 | Elektromont, k.p. founded in Bratislava with the merger of ZPA-OZ and Elektromontážne závody Bratislava (Bratislava Electro Plants) |
| 1990 | Elektromont, s.p. in Prague and its suppliers throughout the ČSFR liquidated and PPA, š.p. founded in Bratislava |
| 1991 | PPA CONTROLL, a.s. established |
| 1997 | Received certificate of quality under STN EN ISO 9001 |
| 2013 | Received certificate of integrated management system under ISO 14001 – Environmental Management and OHSAS 18001 – Occupational Health and Safety |
| 2017 | acquiring the Safety Management System Certificate according to the SCC [®] : 2011 standard |

Line of Business

Studies, designs, deliveries, installation, commissioning and services in the areas of:

Instrumentation and Control Systems

- Measuring temperatures, loops of pressures, pressure differences, flows, levels, displacements and other physical variables
- Special measurements, detection of toxic combustion gases, environmental measurements
- Systems for analyzing liquids and gases
- Control valves and actuators
- Regulators and evaluation systems
- Connections to control and LV systems

Automated Control Systems

- Control systems for technological processes (DCS and PLC systems)
- Building control systems
- Systems for collecting and evaluating energy information
- Process analysis and creation of user software
- Commissioning of technologies and optimization
- System integration
- Visualization and operator control of technological processes

Electrical Systems

- LV and HV underground cable lines
- LV, HV and UHV transformer and substation
- LV cabling
- Power protection
- Building cabling
- Weak current systems (fire, intrusion, CCTV, etc.)
- Parking systems
- Voice communication
- Search and repair the faults of LV power cables (wiring)
- Search and location the ground electrical and communication lines

Switchboard Production

- 0.4 kV LV SMO switchboard (Rittal, Sarel, Proflin, Schrack enclosure)
- 0.4 kV LV switchboard for nuclear power plant conditions (SMO-S, SBO, NRS-S)
- RVB modular switchboard with withdrawable blocks (Logstrup boxes)
- System switchboards for control systems, servers and PC
- Switchboards for industrial and data communications
- Power-factor correction switchboard
- Wall-mounted NRS and NRS-P switchboard
- Control room panels and racks
- Road signs

Information and Telecommunication Systems

- Integrated light-current distributors
- Data LAN, MAN and WAN networks
- Cisco solutions
- Structured metallic and optic fiber cabling systems
- Data centers
- Search and repair the faults of communication metallic and fiber optic cables

Technological Equipment for Motorways and Tunnels

- Supply of electric power for tunnels - HV, LV, UPS, backup sources
- Tunnel lighting
- Tunnel ventilation
- Tunnel radio
- Radio connection in tunnels
- Measuring of physical variables in tunnels
- Emergency call telephones
- Measuring meteorological variables



- Traffic monitoring systems
- Traffic management systems – variable traffic signs, traffic control systems
- Security systems - rooms (fire alarm system, electrical security system, CCTV, voice alarm control)
- Technology control systems
- Integration of individual technological devices
- Operator station - control
- LED variable traffic signs – exclusive representation of the DMV manufacturer

Energy Outsourcing

- Managing power distribution and equipment
- Maintenance, repair, servicing, technical inspection and testing of electrical equipment
- Measuring and monitoring of electric power
- Supply and distribution of electricity and optimizing electric power consumption
- Audits

Comprehensive industrial Site Management

- Management and administration reports
- Preparing and reviewing budgets, records of costs and management processes, coordination of suppliers

Technical management

- Servicing, maintenance and repairs of technical facilities
- Expert inspections and technical testing of classified technical equipment:
 - electrical
 - gas
 - pressure

Non-technical site management

- Waste management, road maintenance, green maintenance, cleaning, guard service

Construction and Development of Infrastructure in D1 Park Senec

- roads
- HV and LV power lines
- gas pipeline
- water pipeline
- foul water drainage and storm sewers

Operation and Maintenance

- Warranty and post-warranty service and maintenance of all supplied systems and equipment
- Calibrations and repairs of physical and chemical measurement systems
- Calibration of temperatures, pressures and electrical quantities AC/DC
- Infrared measurements



CORPORATE SOCIAL RESPONSIBILITY

When setting the objectives of the company, economic, social and environmental aspects are thoroughly considered and when achieving the same, the requirements and expectations of all stakeholders are integrated into business processes. Our company considers social responsibility to be the commitment to carry out activities in accordance with the company's objectives and values, to take responsibility for the company's activities and actively contribute to the improvement in economic, social and environmental fields.

Quality Management System

Under the established and certified quality management system according to STN EN ISO 9001, PPA CONTROLL, a. s., and its subsidiaries ensure the execution of main and supporting activities under controlled conditions to achieve compliance of completed projects (products delivered and services provided) with the requirements requested by customers, government bodies, inspection and supervisory authorities and other stakeholders.

In order to ensure the achievement of planned results and the improvement in the quality of products delivered and services provided, we regularly evaluate the effectiveness of the quality management system, identify opportunities, consider risks as well as internal and external factors.

Our company puts emphasis on the continuous improvement in the quality management system, innovation of products/services and cost reduction, by which we want to ensure the long-term satisfaction and fulfilment of expectations of customers, employees and other stakeholders.

Safety Management System According to OHSAS 18001 and SCC, Environmental Management System According to ISO 14001

Activities of PPA CONTROLL, a. s., and its subsidiaries are focused on constant improvement in the level of safety in carrying out operations through practical use of yet another standard – SCCP: 2011 (Safety Certificate Contractor).

In 2017 the fulfilment of specific requirements for safety, working environment, occupational health and the environment was demonstrated and confirmed and selected companies of the PPA CONTROLL Group were certified according to the given standard.



By systematically adjusted principles of occupational safety applicable to all our employees as well as suppliers' employees we want to avoid any possible adverse situations causing environmental pollution, health damage and other occupational and material damage.

The application of individual systems and communication about their importance and requirements mainly serve to raise employees' awareness of health, safety and environment (HSE)

risks, integrate the HSE behaviour of all employees into day-to-day work operations and to meet more comprehensively the needs and expectations of customers and other stakeholders.

In improving these certified systems, we use the analyses of inspection results, recommendations of our customers/stakeholders, new knowledge and circumstances of the performance of contracts.

Company Statutory Bodies and Organizational Structure

Executive Board

Ing. Bystrík Berthoty, Chairman

Born August 9, 1965 and a graduate of the University of Economics in Bratislava. He joined the Company in 1999. At present, he has been Managing Director since 2012 and Chairman of the Executive Board since 2015.

Ing. Ladislav Ondriš, Vice Chairman

Born November 22, 1956 and a graduate of the University of Economics in Bratislava. Between 1999 and 2014 he was Chairman of the Supervisory Board. He has been Vice Chairman of the Executive Board since 2015.

Ing. Zoltán Lovász, Member

Born April 18, 1969 and a graduate of the Slovak University of Technology in Bratislava. He joined the Company in 1999. He was appointed to his current position of Director at PPA ENERGO s.r.o. in 2009. He became a member of the Executive Board in 2012.

Ing. Marián Kolenčík, Member

Born September 19, 1967 and a graduate of the Slovak University of Technology in Bratislava. He joined the Company in 1990. He was appointed to his current position of Director at PPA INŽINIERING, s.r.o. and became a member of the Executive Board in 2013.

Supervisory Board

Ing. Karol Pavlů, Chairman

Born on April 19, 1941. Graduate of the University of Economics in Bratislava. Chairman of the Supervisory Board of the company since 1991, Vice-President of the Board of Directors since 1996, Vice-Chairman of the Supervisory Board since 2002 and in the current post since 2014.

PhDr. Darina Pavlů, Vice Chairman

Born June 4, 1946 and a graduate of the Faculty of Philosophy at Comenius University in Bratislava. She became a member of the Supervisory Board in 2005 and was elected to her current position in 2012.

Ing. Mgr. Tibor Gregor, Member

Born June 29, 1971 and a graduate of the Faculty of Technical Cybernetics at the Military Academy in Liptovský Mikuláš and the Faculty of Management at Comenius University in Bratislava. He became a member of the Supervisory Board in 2011.



Senior Management

Ing. Bystrík Berthoty
Managing Director

Ing. Marta Kramárová
Finance Director

Ing. Milan Michalík
Commercial Director

RNDr. Viera Cehláriková
Management Systems Director

RNDr. Valéria Kormanová
Human Resources Director

JUDr. Marek Jurina
In-house legal counsel

Subsidiary Company Management

PPA ENERGO s.r.o.

Ing. Zoltán Lovász
Executive Director

Ing. Katarína Krchnáková
Finance and Human Resources Director

Ing. Peter Broškovič
Technical Director

Ing. Erik Vicena
Commercial Director

Ing. Vladimír Malátek
Production Director

PPA INŽINIERING, s.r.o.

Ing. Marián Kolenčík
Executive Director

Ing. Igor Jamnický
Director of Traffic Technology Department

Ing. Karol Letko
Foreign Engagement Director

Dana Gottweisová
Commercial Director

Kvetoslava Smejová
Finance and Human Resources Director

Ing. Karol Kaštíl
Assembly Director

PPA Power DS s. r. o.

Ing. Roman Nemček
Executive Director

Peter Hatina
Director of facility management department

Ing. Michal Kolimár
Director of energy distribution department

Ing. Eva Turňová
Director of Economic Department

PPA Power s. r. o.

Ing. Roman Nemček
Executive Director

PPA TRADE, spol. s r. o.

Ing. Peter Gašparových
Executive Director

PPA SLAVUTIČ KYJEV, s. r. o.

Ing. Peter Gašparových
Executive Director

PPA CONTROLL CZ, a.s.

Ing. Milan Michalík
Executive Director

Human Resources

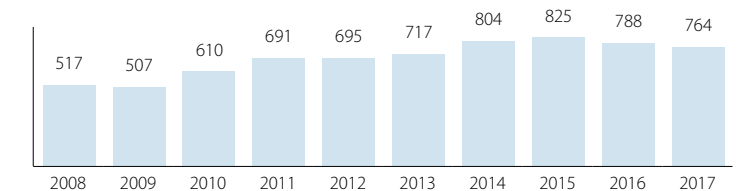
Structure of Employees

A significant indicator of our company's stability and credibility is the Employee Stability Index, which in 2017 rose to 61 % (percentage of employees having worked for us for more than 5 years out of the total number of employees). In 2017 the personnel policy implemented in PPA CONTROLL, a. s., aimed to streamline human resources management with the focus on the achievement the company's goals. One of the main tasks in this field was to keep the number of employees in order to achieve efficiency and quality in all areas of operations.

Development of Employees

Regarding human development, in the course of 2017 we began to implement the Management Academy project with the aim of raising the level of management skills of senior and middle management, strengthen soft skills focused on people leadership, communication, personal efficacy, problem solving and perseverance in result orientation. We are also active in personnel marketing for secondary schools and especially technically-oriented higher education institutions. We offer them positions corresponding to their education, encourage their motivation to constantly improve professional and language qualifications. In 2017 the company invested EUR 299,087.00 in staff training, which was on average EUR 389.00 per employee. Satisfied employees are a reliable indicator of a successful business. PPA CONTROLL, a. s., considers the issue of employee stabilisation to be a key one and addresses it very responsibly not only by remuneration but also by various events for employees, support and recognition of employees' innovative ideas and suggestions and also by the benefit system, which is supplemented based on surveys and preferences of our employees.

Number of employees in PPA CONTROLL group



Number of employees by Education

	2016	2017	% 2017
Primary	7	6	1 %
Secondary	455	434	57 %
University	326	324	42 %
Total	788	764	100 %

Number of employees by Age

	18-29	30-39	40-49	50-59	Over 59	Average Age
2016	110	213	188	204	73	43
2017	102	183	202	202	75	44

Number of employees by Gender

	2016	2017
Women	126	124
Men	662	640
Total	788	764

Employee structure by Professions

	2015	2016	2017	% 2017
Management	26	26	26	3%
Sales and Procurement	74	79	74	10%
Project management	40	32	35	5%
Designers, programmers	179	155	140	18%
Administration	76	77	82	11%
Technicians	149	153	162	21%
Assembly workers	234	213	197	26%
Others	47	53	48	6%
Total	825	788	764	100%

References

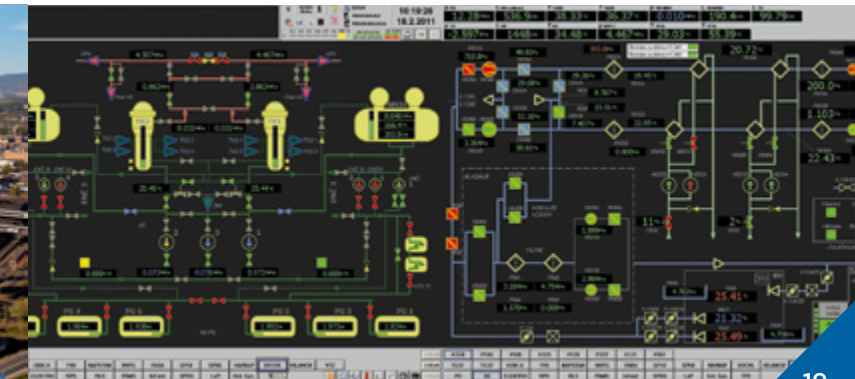
ENERGY

Slovenské Elektrárne A.S. Bratislava, Jaslovské Bohunice Nuclear Power Plant

V-2 Nuclear Power Plant Units 3 and 4

- Replacement of 6 kV cables for the main circulation pumps, cables for Essential Service Water (ESW), cables for Non-essential Service Water, cable from the SAM diesel generator to the ESW central pumping station, non-compliant 6 kV cable joints and fire barriers..
- Replacing existing emergency arc protection systems in substations at NPP V-2 Units 3 and 4, the Pečeňady Central Filtration Station and the Trnava Exchanger Station
- Replacing cables for emergency and regulating compensation drives at NPP V-2 Units 3 and 4 – installation of cabling systems and hermetic cable penetrations – as subcontractor of Škoda JS a.s.
- Modification of HVAC technological systems cooling down the steam generator box and reactor pressure vessel pit at NPP V-2 Units 3 and 4 – I&C and electrical parts (as subcontractor of ROEZ)
- Replacement of accumulator batteries used to supply safety systems of V-2 NPP (system installations that ensure liquidation of primary circuit accidents and reactor aftercooling) - design documentation, assembly, testing and commissioning
- Complete replacement of mineral cables for the system of emergency monitoring of the activity of main steam in steam generators
- Ensuring data collection from electricity meters (billing measurements) of V2 reserve power supply, processing and display thereof in workplaces of SE, a. s., ZSD, a. s.

- Supplementing of workplaces in the Backup Emergency Control Center (BECC) with a visualization application for operator stations of the local technology computer network (LTCN)
- Water alarm completion in selected rooms in the basement of building structures of V2 Blocks 3 and 4 – execution of the electrical part and assembly of Inspection and Control System (ICS) facilities – subcontract for VUJE
- Execution of projects regarding changes in the electrical part and the ICS of V2 Blocks 3 and 4
- Replacement of fuses in switchboards providing power supply for emergency lighting in the primary circuit
- Measurement of refrigerant gas leakage from the cooling unit
- Overhaul of visualization PCs and the central server in the Diesel Generator Station



Mochovce Nuclear Power Plant

Mochovce NPP Units 1 and 2

- Manufacture, supply, installation and reconstruction of 0.4 kV switchboards – design documentation, manufacture and supply of switchboards, dismantling, installation, testing and commissioning including activation of each phase during outages of Units 1 and 2
- Replacement of circuit breakers and rewiring in I&C distributors powering control circuits and alarm circuits and in power switchboards powering I&C distributors
- Replacement of H₂ and O₂ measurements on hydrogen recombination system – I&C and electric systems (as subcontractor of VÚJE, a.s.)
- Severe accident management – I&C and electric systems (as subcontractor of VÚJE) for the following subprojects:
 - Long-term heat removal from the hermetic zone including modification of the outlets for flooding the hermetic zone
- Severe accident management – Emergency cooling source, I&C and electric systems (as subcontractor of ROEZ)
- Detail Design and subsequent implementation of the following I&C subprojects :
 - Stator winding temperature measurement for make-up pumps
 - Leading start-up signals to make-up pumps
 - Adding protections and interlocks for sodium hydroxide pumps
- Modification of the H₂ failure alarm in the EBO V2 Diesel Generator Station – modifications of

- application SW (subcontract for VUJE)
- Seismic review of the Civil Defence Installation under the Administrative Building (Emergency Control Center). Execution of the electrical part and the ICS (subcontract for Metrostav, a. s.)
- Water alarm completion in selected rooms in the basement of building structures of Blocks 1 and 2 of the Mochovce nuclear power plant – subcontract for VUJE

Completion of Units 3 and 4 at Mochovce NPP

- Design and engineering activities
 - for Nuclear Island
 - for Conventional Island project documentation, verification of documentation at the site
- NPP own consumption equipment – 6 kV busducts, 6/0.4 kV transformers, 6 kV own consumption switchboards, 0.4 kV switchboards, 0.4 kV motor control centres, Emergency power supply system of category 1 (rectifiers, converters, inverters, batteries and UPS), Control and Diagnostic System of Power Dispatching of central electrical control room, protections of generator and power transmission control system and protections of 110 kV back-up power substation – production of 0.4 kV switchboards, equipment supply, engineering, installation and commissioning
- Complete training in electrical equipment
- Renovation, improvement and completion of main facilities/buildings and external surface finishes – electrical part - design, supply, installation and commissioning

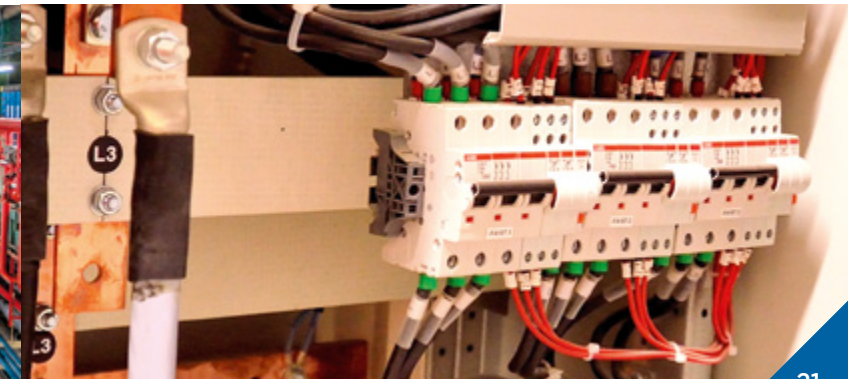
- Main reactor building - installation of electrical wiring for building part
- Supply and installation of cables for reactor protection system (RRCS)- as subcontractor of Škoda JS a.s.
- Supply and installation of selected parts of I&C and electric systems for Nuclear Island – main cable routes, sensors of technological parameters, sample system for sensors of technological parameters, hermetical pipe penetrations, hermetical cable penetrations, cabling, chemical analyzers – engineering, supply, installation and commissioning
- Supply and installation of switchboards powering the EXCORE system
- I&C, safety systems and operational management systems – installation and assistance during commissioning – as subcontractor of AREVA NP - control system supplier
- Interim power supply of pumps of after-installation cleaning operations (as subcontractor of Enseco)
- Modification of billing measurement of automated data collection for ROVE systems heat supply balance MO3&4 data
- Delivery and installation of secondary cable routes for the PERIS system (subcontract for VUEZ)
- Delivery and installation of secondary cable routes for INCORE and BORON systems (subcontract for VUJE)
- Delivery of new field instrumentation equipment and upgrading of the existing sensors and converters
- Installation of switchboards and nuclear sensors for Rolls-Royce Civil Nuclear SAS

Nováky Power Plant

- Development of automated data collection from a 110 kV substation, processing and display thereof in workplaces of SE, a. s.

DeNOx overhaul of block 1 and 2

- Supply and installation of control system
- Supply and installation of heavy current lines for SNCR secondary measures and primary measures on two steam boilers to comply with NO_x emission limits
- Supply and installation of Ovation (EMERSON) control system
- Supply and installation of LV switchboards, frequency converters and process heaters
- Services: design documentation, modification of existing software and installation of new software, coordination of all supplies, dismantling and installation of field instrumentation and LV cables, individual and complex testing, commissioning, staff training and presence during guarantee testing



Jadrová a vyrad'ovacia spoločnosť, a.s. Bratislava

- The Bohunice V-1 International Decommissioning Support Fund project) - **A5.A3 – Optimisation of Electric Scheme** - optimisation and modification of power supply of the individual equipment and gradual disconnecting and dismantling of not required equipment during V1 NPP decommissioning. Ensuring reliable power supply over the whole period when the relevant equipment of Main Reactor Building, Interconnection Bridge, Stack, Auxiliary Service Building, Water Pumping Station and Transformer Station must be functioning.
- Power supply for the crane for cooling tower disposal (for DESPE)

Rnest - Petrobras, Brasil

- Field instrumentation
- Measurement circuits for control of technological units
- Cabling and installation material
- Spare parts for commissioning
- Complete design documentation
- Coordination and supervision
- Comprehensive testing of equipment
- Customer staff training

Planta Centro Thermal Power Plant, Venezuela

Reconstruction of 400 MW Boiler No. 5 – EPC Contract

- 420 kV power transmission line (surge arresters)
- 30 MVA transformers 5BT01 and 5BT02
- Generator outlet and zero
- Generator exciter system
- Electrical protections and measurements, MicroSCADA
- HV block substation
- LV block substation
- Subordinate + 6.1m substation
- Subordinate water treatment distributor
- Subordinate pumping station distributor
- Grounding and lightning protection for technological structures
- Lighting and socket wiring for technological machinery
- Direct current sources and wiring
- Diesel generator

SERVICING, REPAIRING AND INSPECTION OF EQUIPMENT

Slovenské elektrárne a.s.

- Maintenance of I&C and electric systems – Jaslovské Bohunice NPP
- Maintenance of I&C and electric systems - Mochovce NPP
- Post-warranty service of automated collection system of electricity consumption data
- Post-warranty service assistance for 1-minute automated collection system of electricity consumption data
- Repair of machinery at heat exchange stations in Hlohovec, Leopoldov, Jaslovské Bohunice
- Service of I&C and electric systems and machinery at central heat exchange stations
- Preventive maintenance of fire doors open position signalling at V-2 NPP
- Provision of readiness to remove defects of V-2 NPP technological computer and information system
- Modification, upgrading and engineering support of software and corrective maintenance of hardware in the technology computer system
- Preventive and corrective maintenance of SIMATIC control systems at V-2 NPP
- Corrective maintenance of HW components and modification of SW for equipment at V-2 NPP

- Repairing rectifiers and frequency converters – Novaky Power Plant
- Servicing the elements of electronic interlock system - Novaky Power Plant
- Repairs on GESTRA steam traps – NPP V-2
- Diagnostics and servicing of drain pipes for steam turbine-generators – Mochovce NPP
- Servicing of equipment - access control system at Mochovce NPP, Units 3 and 4

Jadrová a vyrad'ovacia spoločnosť, a.s. Bratislava

- Complex performance of technical inspections and testing of electric systems
- Repair and maintenance of I&C systems
- Repairs and maintenance of electric systems



INDUSTRY

Volkswagen Slovakia, a.s. Bratislava

VW 0.4kV lines for H3a hall and diesel generator

- Supply and installation of LV switchboards
- Delivery and installation of diesel aggregate
- Installation of lighting switchboards
- Supply and installation of indoor lighting
- Supply and installation of heavy current lines (raceways, LV cables including termination)
- Connection of technological equipment
- Supply and installation of lightning rod

VW Extension of H8 hall

- Extension of 22kV R1.8 transformer switching station with field No.13
- Indoor and outdoor wiring, including termination
- Supply and installation of socket wiring
- Supply and installation of LV switchboards
- Connection of technological equipment
- Complete supply of heavy current lines and artificial lighting, including emergency, escape and outdoor lighting
- Supply and installation of cable support systems
- Supply and installation of earthing system and lightning rod
- Protective bonding

VW Truck Transport Center

execution of the electrical part (internal and external electrical wiring, fire alarm system) and measurement and regulation

VW H4c – LV busbar system and S- stations

- Supply and installation of 2,500A LV bus bar system
- Supply and installation of penthouse transformer stations

VW Finish centre – Extension of H3 hall

- Supply and installation of main switchboards RM1, RM2
- Supply and installation of lighting switchboards RS1
- Supply and installation of illumination of H3 hall with a connection to RS Luxmate
- Supply and installation of heavy current lines (cable routes, LV cables including termination)
- Supply and installation of earthing system and lightning rod

VW Conveyors (Dürr Systems Slovakia)

- Installation of conveyor technology switchboards
- Conveyor technology connection
- Installation of conveyor electrotechnology
- Design and installation of conveyor lighting, including its control

Jaguar Land Rover

Paint shop – complete execution of the electrical part, measurement and regulation (M&R), fire alarm system (FAS) and evacuation intercom (EI):

- Main and emergency lighting
- Control system of main and emergency lighting
- Transformer stations – 22 kV/400 V transformers, including standby transformer control
- Switchboards (high-voltage, 22 kV; main low-voltage switchboards, active filters and compensation switchboards; secondary low-voltage switchboards)
- HV and LV cable routing and cabling
- Fire alarm system and evacuation intercom
- Measurement and regulation – the Building Management System
- Lightning conductor
- Earthing

within the scope of: project documentation preparation, delivery and installation of equipment and material, production of main (socket-outlet) and secondary (cubicle) low-voltage switchboards, complex testing, inspections and examinations and commissioning of the equipment delivered. The project execution also complied with the Breeam standard (to achieve the required EXCELLENT level for the building.)

Training Centre – execution of the electrical part

- Production and delivery of LV switchboards
- Cable routing and cabling for LV mains and for the light-current distribution system
- Main and emergency lighting
- Fire alarm system and evacuation intercom
- Lightning conductor
- Earthing

- Structured cabling
- Access control system, camera system, security system, emergency call system for disabled people within the scope of delivery and installation of equipment and material, complex testing, inspections and examinations and commissioning of the equipment delivered.

Energy Centre – the execution of building earthing

Service Contract – handling activities in the MSA substation and SS1 – SS8 22 kV transformer stations, B-command issuance

Duslo, a.s., Šaľa

- Reconstruction of the power supply of HTR2 main transformer substation vaults
- Modification of the Yokogawa control system
- Intensification of the control system and electrical substation in the UGL-DAM plant
- Replacement of electric motor equipment, main switches, controls of informative components and doors.
- Ammonia 4 – communication data motorway for SYSTEM 1.
- Modernisation of surface treatment on the universal granulation line (UGL)
- Modification of PH measurement in WWTP activation tanks
- Renovation of the measurement and regulation control panel in DX 86, MIBK, DX L operations
- Small service repairs on electrical and measurement and regulation equipment



U. S. Steel Košice

Reconstruction of the TD4 turbine

- Delivery and installation of internal electrical wiring, cable support systems and equipment connection
- Delivery and installation of a rotor starter, temperature and pressure sensors, electro-pneumatic servo drivers
- Delivery and installation of LV switchboards and a control system with Symatic S7 visualisation
- Visualisation programming
- Testing and commissioning

Repair of electrical installations, I&C and auxiliary drives for TD5 turbocharger

- Supply and installation of indoor electrical installations, cable support systems
- Supply and installation of rotor starter, temperature and pressure sensors, electro pneumatic actuators in explosive atmospheres
- Supply and installation of LV switchboards and Symatic S7 Control System & Visualization

Reconstruction of 5ST TANDEM transducers

- Installation of indoor electrical installations
- Dismantling of existing switchgears and installation of new transducers
- Connecting and activating the equipment

Reconstruction and modernization of boiler house, Stage 1 – K7 boiler

- Supply and installation of indoor electrical installations and cable support systems
- Supply and installation of lighting fixtures and electrical appliances
- Supply and installation of LV switchboards
- Supply and installation of central battery system

Low-emission coke quenching VKB1 – national limit- electrical part

- Realization of electrical installation works within the framework of the PD
- Supply and installation of electrical connection for technological switchboards, cable routes and connection of switchgears of technological equipment
- Testing and commissioning

P22 Galvanizing Line No.2

Material Tracking

- Supply and installation of indoor electrical installations and cable support systems
- Installation of cabling to connect I&C elements
- Installation of switchboards and control cabinets
- Testing and commissioning

Slovnaft, a. s.

Increase of CC6 efficiency

- Retrofit of HV cubicle
- Construction of HV substation
- Supply and installation of HV transformer
- Supply and installation of a frequency inverter for a 250 kW motor
- Link to CS YOKOGAWA C3000
- Replacement of fire alarm control panel and addition of new fire detectors
- Telephone connection with Slovnaft network
- Static checks for transformer station and base for pump with motor

Reconstruction of SO-01 6332 Testing laboratories

- Erection of a new LV connection
- New lightning rods including earthing
- Complete delivery of heavy current lines including lighting
- Complete low-voltage power supply installation including optical connections
- Setting the ABB protections and putting the LV connection into operation

Derby&Derbyshire waste treatment centre

Delivery and installation of wiring

- Production, delivery and installation of switchboards, interconnecting boxes, switch boxes
- Delivery and installation of 110 V DC and 400 V AC UPS
- Delivery and installation of armoured cables, cable support systems for low voltage distribution, instrumentation and optical networks
- Testing of cable systems, instrumentation and optical networks
- Engineering support of the project and installation
- Actual execution documentation preparation

Fells Rotaform FELSS Ilava Hall

Technological equipment power supply

- Delivery and installation of the transformer and its connection to HV
- Delivery and installation of the LV RH03 switchboard
- Delivery and installation of the RH03 compensation switchboard
- Delivery and installation of the SIEMENS PS2500/ PS1600 busbar system
- Power supply of production technology, including carrier routes
- Services: project documentation, individual, complex testing, commissioning, personnel training, participation in guarantee testing



Bekaert Slovakia s. r. o.

Bekaert Sládkovičovo production hall

- HVAC project package – execution of the electrical part and measurement and regulation
- ROCAR project – air conditioning system, measurement and regulation,
- Steel cord production – stage V – execution of the electrical part and ICS

IDC Holding a. s. Bratislava

Pečivárne Sered' (biscuit factory) - Increasing electrical power due to modernization and expansion of production in Hall B

- Developing a feasibility study and project documentation
- Supply, installation and commissioning of HV and LV equipment

Eustream, a. s.

- Extension of station control system (SCS) KS01 and connecting actuators for the project: Installation of ball valves bypass at the natural gas inlet.

ABB s. r. o. Brno

- Installation of switchboards

Samsung Engineering

Implementation of electrical part for the Samsung production hall in Göde (Hungary)

- Main and emergency lighting
 - HV and LV cable routing and cabling
 - Lightning conductor
- within the scope of delivery and installation of equipment and material, complex testing, inspections and examinations and commissioning of the equipment delivered.

Storage Room SAMSUNG K4 in Galanta

- Development of PD for heavy current, weak current and HV lines
- Complete supply of heavy current lines including outdoor lighting
- Complete weak-current delivery, including fibre optic connections
- Complete delivery of HV lines including transformer station for K4 hall
- Modification and retrofit of original K3 HV switching station
- Setting the SEPAM protections and putting the HV connection into operation

Ikea Industry Malacky

Analysis of data collection from AHUs

- Analysis of possible data collection from AHUs
- Design of technical solution for data collection from AHUs
- Programming and data acquisition of AHUs
- Supply of SW Wonderware
- Supply of application software for SW Wonderware

ZF Slovakia a.s.

ZF Levice – Geňa – Reconstruction of main lighting ZF Trnava – General overhaul of lighting in PKW production hall in building No. 24

- Dismantling of original and supply and installation of new lighting fixtures, heavy current lines and communication wiring to DALI control system (supplied by Philips)

Nafta a. s., Suchohrad

Construction of fire alarms and gas detection systems to increase ZS3 safety

- Fire alarm system
- Gas detection system
- Safety control system

Nafta a. s., Gbely

- modification of LV mains in the central station of the Láb underground natural gas storage facility

Zemianske Kostolány – Reconstruction of Fuel Underground Storage

- Supply and installation of heavy current and weak current lines in PS01 – Indication of fuel leakage in T53-60
- Supply and installation of I&C for HVAC
- Temporary tunnel lighting under repositories throughout construction

Zvolenská teplárenská, a. s.

Remote control

- Hotline, service and emergency service

Draka Comteq Slovakia S.R.O. Production Plant, Prešov

- Supply and installation of heavy current electrical installations in newly built production plant
- Weak current connection
- Supply and installation of I&C systems



Imuna Pharm a.s., Šarišské Michaľany

Infusion solution storage area

- Supply and installation of indoor heavy current and weak current electrical installations
- Supply and installation of cable support systems
- Supply and installation of HV switchgear and HV transformer
- Establishing HV connection

CRH Rohožník a. s.

- KILN PROJECT – Profinet installation, delivery and installation of cables and switchboards
- Elevator electrical installation
- Replacement of the process control system (PCS) – delivery and modification of switchboards and power supply
- Rohožník cement plant – Mill F reconstruction – electrical part
- Rohožník cement plant – lighting of Mill F technology after reconstruction

MTA Slovakia s.r.o., Bánovce

Supply and installation of heavy current electrical wiring in a production and storage plant

- Supply and installation of heavy current electrical wiring in newly built hall
- Supply and installation of a busbar system
- Supply and installation of external area lighting and heating of roads
- Supply and installation of HV connection and HV distribution cabling
- Supply and installation of transformer station

Adler Pelzer Automotive Slovakia, s.r.o.

BRA1 hall - HP PELZER – Power supply of technological switchboards

- Development of PD
- Supply and installation of LV switchboards (with compensation)
- Supply and installation of cable support systems
- Supply and installation of power cables, including termination

SCA Hygiene Products Slovakia, s.r.o.

PS02 HV connection and VH6 substation switchboards

- Transformer delivery, installation and HV connection
- Delivery and installation of HV disconnectors including connection to HV supply in VH4
- Delivery and installation of switchboards in the VH6 substation, fields RH11/x and RH12/x, and their connection to respective transformers
- Delivery and installation of RC11 and RC12 compensation switchboards on the premises of SCA Hygiene Products Slovakia, s. r. o.
- Services: project documentation, individual, complex testing, commissioning, personnel training, participation in guarantee testing

Eurotalco, a.s.

Talc processing plant Gemerská Poloma

- Supply and assembly of complete power and weak-current wiring in six production halls and one administrative building
- Implementation of HV connection
- HV relaying
- Supply and installation of heavy current, weak current lines and fibre optic network throughout the facilities

Wastewater treatment plant

- WWTP (wastewater treatment plant) Veľký Krtíš – gasholder and HV overlay
- WWTP Čierny Balog
- WWTP Volkswagen Slovakia

Mecaplast production plant, Zavar - Trnava

Complete implementation of electrical systems:

- HV connection, LV lines, public lighting, weak current, earthing and technology connections
- project documentation, delivery and installation of components, testing, commissioning

Continental Matador Truck Tires s. r. o., Púchov

- R609 substation delivery and installation

Continental Matador Rubber s. r. o., Púchov

- Supply and installation of electrical equipment (HV switchboards, transformer station, HV transformer)
- Increase of T28 transformer station power output



TECHNOLOGICAL EQUIPMENT FOR ROADWAY TUNNELS, MOTORWAYS AND RAILWAYS

NDS, a. s. (National Motorway Company)

D3 motorway between Žilina (Strážov) and Žilina (Brodno)

Within the construction of the D3 motorway between Žilina (Strážov) and Žilina (Brodno), the company PPA CONTROLL, a. s., made complete delivery of the following facilities of the technological part of the Považský Chlmec tunnel:

- Complete fire alarm system (FAS)
- Delivery, installation of switchboards of the central control system, including the SIMATIC S7 control system
- Programming of the traffic control system and tunnel technology control system
- Delivery and installation of illuminated and LED variable traffic signs
- Dispatching telephone
- Visualisation in the Integrated Operator Workplace of the Považská Bystrica Motorway Administration and Maintenance Centre

Within the construction of the D3 motorway between Žilina (Strážov) and Žilina (Brodno) we also made complete delivery of construction and technological parts of the Motorway Information System (MIS):

- Communication and connection infrastructure
- Delivery, installation, integration and management of

complete variable traffic signs

- Traffic signals
- Technology nodes
- Cut-off signal-circuit controllers
- Delivery, installation, integration and visualisation of meteorological stations
- Surveillance cameras
- Electrical security system
- SIMATIC S7 control system
- Visualisation in the Integrated Operator Workplace of the Považská Bystrica Motorway Administration and Maintenance Centre

Delivery, assembly and maintenance of our installations of road tunnels

Horelica Tunnel

- Maintenance of central control system
- Breakdown repairs

Branisko Tunnel

- Maintenance of fire alarm system, fixed firefighting system, high voltage supply
- Maintenance of D1 motorway Studenec – Behárovce
- Maintenance of D1 motorway Jablonov – Studenec
- Breakdown repairs

Bôrik Tunnel

- Standby power systems
- Emergency call equipment – SOS boxes
- Surveillance closed circuit TV in the tunnel
- Radio connection
- Communication circuits – transmission system
- Telephone connection
- Tunnel radio
- Fire doors
- Central control system
- Measuring of physical variables
- Traffic signs
- Control centre equipment
- Fire alarm system
- Tunnel lighting
- Tunnel ventilation
- Fire water supply – electric systems
- Outdoor illumination
- Breakdown repairs

Maintenance of Motorway Information Systems (MIS)

- Motorway D1: Sverepec – Vrtižer
- Motorway D1: Vrtižer – Hričovské Podhradie
- Motorway D1: Hričovské Podhradie – Žilina (Strážov)
- Motorway D1: Važec – Mengusovce
- Motorway D1: Mengusovce – Janovce
- Motorway D1: Studenec – Behárovce

Scope:

- Construction (power supply distributors, cabling, grounding)
- Emergency call stands
- Electronic security alarms
- Surveillance cameras
- Technological communication switchboards

- Variable message signs – laminated
- Variable message signs – LED
- Road signal lights
- Radio transmission
- Cut off signal-circuit controllers
- Operator station

Automatic traffic counters

- Delivery and installation of automatic traffic counters
- Delivery of software
- Testing and commissioning

Project documentation

- D2 motorway between Bratislava, Lamač and the state boarder SR/CR – MIS completion – project documentation: building permit documentation, tender documentation
- Operational documentation of the Bôrik road tunnel: Chapter H – Traffic Operational Status File Chapter I – Technology Operational Status File Chapter J – Tunnel Exceptional and Emergency Modes
- D1 motorway between Poprad and Levoča, completion of the Motorway Information Control System, road markings – technical study

Dopravoprojekt, a. s.

- D3 Motorway Žilina(Strážov) – Žilina(Brodno) – technologies of Považský Chlmec tunnel - detailed design
- D4/R7 Bratislava ring road, project documentation: building permit documentation and construction execution documentation for the entire electrical part, including the MIS



OUTSOURCING OF ENERGY MANAGEMENT

Comprehensive Industrial Site Management

Administration of technological equipment of buildings, energy networks of industrial sites, energy process optimisation, energy supply, local energy distribution, engineering and supply activities:

- D1 Park Senec
- Prologis park Senec
- DHL Headquarters Senec
- Manufacturing plant ZF Slovakia Trnava, Levice
- Lozorno Automotive Industrial Park

Management and administration

- Preparing and reviewing budgets
- Records of costs and management processes
- Coordination of suppliers

Management of utility networks

- Servicing, maintenance and repairs of:
 - HV and LV power lines
 - Gas pipelines
 - Heat pipelines
 - Water pipelines
 - Foul water drainage and storm sewers

Construction and development of infrastructure in D1 Park Senec

- Roads
- HV and LV power lines
- Gas pipeline
- Water pipeline
- Foul drainage and storm sewers

Technical building management

- Servicing, maintenance and repairs of:
 - Heating systems
 - Air conditioning and cooling systems
 - Fire - technical and safeguarding systems
 - Compressed air distribution
 - HV, LV and I&C systems
 - Lifting devices
- Expert inspections and technical testing of classified technical equipment:
 - electrical
 - gas
 - pressure

Non-technical building management

- Waste management
- Road maintenance, green maintenance
- Cleaning
- Guard service

Delivery and Distribution of Energy

- P3 Logistics Park, Lozorno
- D&K Küster Industrial Park, Devínska Nova Ves
- Košice Airport Industrial Park
- EUROVEA Shopping Centre, Bratislava
- Galeria Shopping Centre, Lučenec
- Automotive Industrial Park, Lozorno

Deliveries of electricity and gas

- Both electricity/gas supply
- Online electricity and gas consumption surveys
- Notifications of cut-off points and defined parameters

Operation of energy distribution networks

- Creation of local distribution networks
- Registration of offtake points, legislative certification
- Fixing and approval of distribution rates
- Consumption measurements, billing for the consumption
- Local energy sources

Operation of water and sewer systems

- acting as professional representative for the operation of public water mains
- acting as professional representative for the operation of public sewers
- servicing, maintenance and repairs

Energy Audits and Optimization Services

- Železničná spoločnosť Slovensko
- Plastic Omnium Auto Exteriores
- SLOVALCO Žiar nad Hronom
- ProLogis Slovak Republic

General identification of energy management

- Professional assessment of the condition of buildings, technologies and facilities
- Determining energy demand and potential savings

Developing economically recoverable austerity plans

- Measures requiring no capital investment
- Low-cost measures and long-term measures

Implementing austerity plans

- Coordination of processes, potential financial partnership

Operation of Energy Sources

- Photovoltaic power plant, Drahovce
- Photovoltaic power plant, Čechanky
- Photovoltaic power plant, Seľany
- Biogas power plant, Veľké Turovce, Kamenica nad Cirochou

Technical operation of plants

- Trouble-free operation of plants, servicing, maintenance

Legislative resource management

- Compliance with plant legislative obligations, monitoring, billing inputs, reporting of mandatory data



OTHER

Svet zdravia, a.s.

New Generation Hospital Michalovce

- Delivery and installation of high-current wiring, cable support systems and installation of terminators
- Delivery and installation of a low-voltage connection to the new hospital building
- Services: individual, complex testing, commissioning, personnel training, participation in guarantee testing

Eiffage Construction Slovenská republika, s.r.o.

Administrative and Shopping Centre, Gagarinova, Bratislava

- Delivery and installation of complete heavy current and light current wiring, cable support systems and installation of terminators in the newly built administrative and shopping center
- Low-voltage connection delivery and installation
- LV cable relocation
- Services: individual, complex testing, commissioning, personnel training, participation in guarantee testing

City Arena Trnava – Construction of the Year 2015

Electro-installation works – supply and installation of heavy current part and installation of football stadium lighting.

- Production, supply and installation of power switchboards and subdistribution switchboards
- Supply and installation of cable support systems
- Supply and installation of lighting of all stadium areas
- Installation of lighting of the playing field
- Design, production, supply and installation of switchgears for lighting of the playing field
- Supply and installation of emergency lighting system including lighting loops of the central battery system
- Supply and installation of terminal and control elements (switches and sockets) in all stadium areas
- Supply and installation of lightning protection system
- Supply and installation of electrical heating of sanitary facilities

Trnava Teaching Hospital

- Replacement of LV distribution wiring and stand-by power supply

J & T Real Estate, a.s.

Zuckerman del - ČSOB bank

- Installation of main LV switchboards
- Installation of lighting switchboards
- Supply and installation of indoor lighting
- Supply and installation of heavy current lines (cable routes, LV cables including termination)
- Connection of technological equipment
- Supply and installation of lightning protection system

Zuckerman del - administrative buildings

- Installation of main LV switchboards
- Installation of lighting switchboards
- Supply and installation of indoor lighting
- Supply and installation of heavy current lines (cable routes, LV cables including termination)
- Connection of technological equipment
- Supply and installation of lightning protection system

Zuckerman del – Block B

- Installation of heavy-current wire distributors and lighting circuits
- Central battery system
- Actual execution documentation preparation

Westend Quadrant Bratislava

- Supply, installation and as-built design
- HV substation, transformers
- HV, LV cabling
- LV switchboards
- UPS

- Internal and external lighting
- Grounding and lightning protection
- Central battery system
- Operation of transformer station

Orga-Trade Network Systems a. s.

Electrical systems for the Bratislava city surveillance camera system

SWITCHBOARD PRODUCTION AND DELIVERY FOR

- Fatra Napajedla
- Nosice hydroelectric power plant
- Volkswagen Slovakia – Hall 3
- Aerzener Maschinenfabrik – Turňa nad Bodvou
- Multifunctional building Einsteinova – Bratislava
- Slovnaft Bratislava – PP03 operation
- Multifunctional center Zuckerman del Bratislava
- Palace of Justice Bratislava
- Residential complex Panorama Koliba Bratislava
- D3 motorway Žilina (Strážov – Brodno)
- Felss Ilava hall
- ZF Slovakia, a. s. Trnava

Balance Sheet, Profit and Loss Account

Consolidated Balance Sheet ending with the 31st December 2017 in thousands of EURO

	To 31/12/2017	To 31/12/2016
Non-current assets	12.314	12.485
Intangible assets	145	73
Tangible assets	9.716	9.549
Other movable property	1.923	1.959
Goodwill	0	0
Non-current financial assets	2	0
Other financial assets	126	166
Long-term receivables	28	378
Deferred tax assets	374	360
Short-term assets	66.492	54.118
Inventory	2.256	2.723
Receivables	31.043	29.538
Other receivables	1.263	1.151
Short-term accruals	312	707
Cash and bank accounts balances	31.618	19.999
Total assets	78.806	66.603
Equity attributed to shareholders	41.818	35.857
Share capital	1.052	1.052
Fund of exchange differences	34	119
Capital and Statutory funds	284	282
Funds of profit	6.584	4.289
Retained earnings	24.988	25.354
Profit for the period attributed to shareholders of the mother company	8.876	4.761
Equity attributed to non-controlling shares	1	257
Total equity	41.819	36.114
Long-term liabilities	9.556	9.294
Long-term trade and other payables	905	729
Deferred tax liabilities	66	89
Long-term provisions	8.585	8.476
Current liabilities	27.431	21.195
Short-term trade payables	22.523	18.408
Liabilities to the state	2.160	75
Other current liabilities	1.722	1.481
Short-term income and accrued expenses	7	515
Short-term provisions	1.009	707
Short-term borrowing	10	9
Total liabilities	36.987	30.489
Total equity and liabilities	78.806	66.603

Consolidated Profit and Loss Account ending with the 31st December 2017 in thousands of EURO

	Year 2017	Year 2016
Sales	115.002	101.553
Cost of goods sold	-10.321	-14.182
Shaft material and energy	-35.925	-27.348
External services	-28.780	-27.953
Occupational loan	-26.090	-24.704
Depreciation	-1.176	-1.128
Gross margin	12.710	6.238
Other operating income	-256	985
Other operating expenses	-613	-753
Operating profit	11.841	6.470
Financial income	230	258
Financial expenses	-684	-515
Profit before tax	11.387	6.213
Income tax	-2.510	-1.523
Profit after tax	8.877	4.690
Shares in associated companies affiliated operations	0	0
Discontinued operations		
Profit from discontinued operations	0	0
Profit for the period	8.877	4.690
Assigned to:		
holders of the parent company	8.876	4.761
non-controlling shares	1	-71

Contacts



Registered Office

PPA CONTROLL, a.s.

Vajnorská 137, 830 00 Bratislava, Slovakia
tel.: +421 2 492 37 218, fax: +421 2 492 37 313
e-mail: ppa@ppa.sk, www.ppa.sk

Headquarters

PPA CONTROLL, a.s.

Vajnorská 137, 830 00 Bratislava
ppa@ppa.sk

Managing Director

Ing. Bystrík Berthoty
tel.: +421 2 492 37 355
fax: +421 2 492 37 313
e-mail: berthoty@ppa.sk

Finance Director

Ing. Marta Kramárová
tel.: +421 2 492 37 355
fax: +421 2 492 37 313
e-mail: kramarova@ppa.sk

Commercial Director

Ing. Milan Michalík
tel.: +421 2 492 37 327
fax: +421 2 492 37 313
e-mail: michalik@ppa.sk

Management Systems Director

RNDr. Viera Cehláriková
tel.: +421 2 492 37 288
fax: +421 2 492 37 313
e-mail: cehlarikova@ppa.sk

Human Resources Director

RNDr. Valéria Kormanová
tel.: +421 2 492 37 322
fax: +421 2 492 37 313
e-mail: kormanova@ppa.sk

PPA ENERGO s.r.o.

Vajnorská 137, 830 00 Bratislava
tel.: +421 2 492 37 537
fax: +421 2 492 37 547
e-mail: energo@ppa.sk

PPA INŽINIERING, s.r.o.

Vajnorská 137, 830 00 Bratislava
tel.: +421 2 492 37 271
fax: +421 2 492 37 300
e-mail: inziniering@ppa.sk

• **BANSKÁ BYSTRICA branch**

Sládkovičova 47, 974 05 Banská Bystrica
tel.: +421 48 4161 002
fax: +421 48 4163 175
e-mail: jasenakova@ppabb.sk

• **ŽILINA branch**

Radlinského 5, 010 01 Žilina
tel.: +421 41 5056 111
fax: +421 41 5623 846
e-mail: obertova@ppaza.sk

• **KOŠICE branch**

Gemerská 3, 040 01 Košice
tel.: +421 55 7894 321
fax: +421 55 7894 322
e-mail: sivakova@ppa.sk

PPA Power s.r.o.

Sládkovičova 47, 974 05 Banská Bystrica
tel.: +421 48 4161 134
e-mail: ppapower@ppapower.sk

PPA Power DS s. r. o.

Vajnorská 137, 830 00 Bratislava
tel.: +421 905 338 730
e-mail: ppa@ppapower.sk

PPA TRADE, spol. s r. o.

Vajnorská 137, 830 00 Bratislava
tel.: +421 2 444 54 570
fax: +421 2 444 54 572
e-mail: trade@ppa.sk

PPA SLAVUTIČ KYJEV, s.r.o.

Vajnorská 137, 830 00 Bratislava
tel.: +421 2 492 37 282
fax: +421 2 444 54 570

PPA CONTROLL CZ, a.s.

Hlinky 162/92
603 00 Brno
Czech Republic

Annual Report Availability

The printed annual report is available at the company's registered office and can be sent by post upon request.

The report can be downloaded in PDF format from **www.ppa.sk**

Tel.: +421 2 492 37 335, E-mail: lasik@ppa.sk

