

ZTR-INFORM

June 2012

ZTR has provided the object operation of Euro-2012

Equipment for S/S "Severnaya" (Ukraine, Kiev) was manufactured and delivered by ZTR. Delivery was implemented within State program for preparation and carrying out Euro-2012.

Autotransformer rated for power 200 MVA voltage class 330/110 kV was dispatched by ZTR according to contract. "It is not the first order to provide works for objects of football championship of Europe 2012, – mentioned Alexander TSIER, Sales Director of PJSC "ZTR". – In the year 2009 ZTR has successfully dispatched such transformer for S/S "Severnaya". New transformer is equipped with reliable fire-fighting system SERGI as well as monitoring system which provides diagnostics, analysis and control of technical processes of equipment".



UEFA
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During preparation to Championship ZTR took active part in the projects as for delivery of the transformer equipment to the Euro objects. Two transformers rated for power 63 MVA

for s/s "Olimpiyskaya" was manufactured and dispatched by ZTR in the year 2011. Russian and foreign manufacturers with ZTR took part in bid for production of equipment for substation. According to results of bid customer gave preference to PJSC "Zaporozhtransformator". Equipment was also delivered for energy supply of stadium and airport in Lvov, airport in Donetsk and other objects of Ukraine.

Equipment manufactured by ZTR is timely accepted and put into operation according to the required parameters and technical characteristics.

Transformer-"1000 MVA" for Russia will be manufactured by ZTR

In the current year unit step-up transformer rated for 1000 MVA (1000000 kVA) and 500kV will be manufactured by PJSC "Zaporozhtransformator" (ZTR) for HPP Beresovskaya (RF). This transformer is to be the new development of ZTR. Unique monitoring system manufactured by "Zaporozhtransformator" will be delivered in the complete set of the transformer.

Loss, overall and weight characteristics of equipment are lowered significantly by application of advanced engineer solutions in the transformer construction in complete set of new materials. Product is developed by means of interchangeability as for connecting dimensions as well as electrical magnetic characteristics of previously manufactured transformers of similar power. It permits to minimize Customer costs for start-up as well as operate transformer rated for power 1000 MVA voltage class 500 kVA at sites manufactured by enterprise earlier.

Monitoring system, having no analogues among Russian and Ukrainian manufacturers, has become owner innovation development of PJSC "ZTR". Specialists of company provide operation of device in such way that by means of this system condition of the transformer equipment could be determined without complex expert evaluation of the transformer in operation with stated recommendations for maintenance staff.



By means of such delivery PJSC "Zaporozhtransformator" will renew transformer production of such power with application of innovation technologies for manufacturing of qualitative, modern equipment.

Transformer dispatch is scheduled for October of the year 2012.

HPP Beresovskaya – is the thermal power plant in Sharypovo city, Krasnoyarskiy district of Russia. It is included into Wholesale generating company № 4 ("WGC-4") since the year 2006. HPP has entered into the history non-traditional scheme of the brown coal supply. Brown coal is directly supplied to the plant from Beresovskiy field of Kansko-Achinsk basin from the unit "Beresovskiy-1" by two open conveyers of 14-kilometers. Within the project efficiency of cutting unit rated for 55mln. ton of coal per year, 4 400 tons of coal are supplied to HPP. HPP Beresovskaya is one of the youngest and unique thermal power plants in Russia.

JSC "E.ON Russia" was found in the year 2005 on the base of 5 electric stations. The following companies are included into the company: HPP-2 Surgutskaya, HPP Beresovskaya, HPP Shaturskaya, HPP Smolenskaya and Yavinskaya; total power of them makes up 8630 MW.

Furnace transformers for Guatemala will be manufactured by "Zaporozhtransformator"

PJSC "Zaporozhtransformator" (ZTR) has signed contract as for delivery of four furnace transformers rated for power 45 MVA, voltage 34.5 kV for Compania Guatemalteca de Nickel S.A. (CGN) (Guatemala). Equipment of such power and characteristics will be manufactured by ZTR for the first time.

Solway Investment Group (SIG) has become the Customer; it includes metallurgical plants in Eastern Europe, south-eastern Asia and southern America. Furnace transformers are intended for one of enterprises of SIG – Compania Guatemalteca de Nickel S.A. "It will be the first ZTR delivery to Guatemala, which will continue experience of PJSC "ZTR" collaboration and Solway Investment Group, – says Procurement Director Alexander Tsier. – ZTR equipment was supplied for one of SIG enterprises – Pobuzhskiy ferronickel plant (Ukraine), where furnace transformers manufactured by PJSC "Zaporozhtransformator" have been under operation for the period above 15 years."



"Furnace transformers are to be a special class of equipment used for connection of arc steel-melting furnaces, - mentioned the head of design office of PJSC "ZTR" Igor Lebed.- Their specific peculiarities is large current at LV side value of which in the new transformer reaches 34.6 kV. A special scheme of reel lamination is used in order to rectify distribution of current in LV windings and as consequence reduction of their heating."

Heating of LV windings is controlled by means of special fiber optic probes by means of which winding temperature could be measured directly.

ZTR specialists will use 1-phase OLTC tap-changers of vacuum type manufactured by MR (Germany) in order to increase operating reliability of furnace trans-

formers and follow all the technical requirements specified by the customer.

Furnace transformers to Guatemala will be dispatched in November of the current year.

Furnace 1-phase transformers rated for power 45MVA voltage 34.5 kV combine a number of specific requirements. Unique equipment is provided with high level of rated power (45 MVA in 1-phase version), broad range of voltage regulation (OLTC) at LV side (from 850 up to 2400V) as well as significant number of steps for regulation with fixing the dimension along the OLTC range. Due to the combination of these requirements ZTR furnace transformer will be manufactured as two active parts – main and booster. Parts will be installed in one tank and connected by means of compound system of leads.

Solway Investment Group – investment company, which owns diversified business, assets of mining, metallurgical branches, production of cement, chemicals as well as properties. Solway assets are generated in Russia, CIS countries, Central and Eastern Europe, Latin America as well as Asia and Pacific region.

ZTR is the winner of the first round of All-Ukrainian rating

PJSC "Zaporozhtransformator" (ZTR) has become the winner of the first round of All-Ukrainian rating "Prompt taxpayer-2011".

Association of taxpayer of Ukraine concluded the first round of annual Rating. PJSC "Zaporozhtransformator" has become the winner of the competitive contest due to the particular services and achievements in nomination "Prompt taxpayer in the industrial field: Heavy industry" in the category "Large enterprises". Due to the victory in the first round of the rating, ZTR could fix status of the reliable business-partner in public as well as to obtain social acknowledgement and appreciation from the government for the adequate execution of their tax obligations. PJSC "ZTR" took part in Rating for the second time. In the year 2011 company took 2nd place in the first round.

According to the results of the year 2011 ZTR has obtained the right for the automatic VAT compensation. "Our company corresponded to all criteria, except disagreement with contractors. In order to have the right for the automatic VAT compensation, our company has performed huge job with the customers, - mentioned Chief accountant of PJSC "ZTR" Lyudmila Nikolaenko. – Today we control data of all contractors and we are sure that all our VAT



sums of tax credit are indicated in contractor tax obligations." PJSC "Zaporozhtransformator" has confirmed high level of tax payer as well as status of conscientious taxpayer."

3, Dnepropetrovskoye shosse,
Zaporozhye, 69600, Ukraine
Sales dept.: +38(061)270-30-33
E-mail: sales@ztr.com.ua
www.ztr.com.ua

Quarterny

ZTR
ZAPOROZHTRANSFORMATOR