



# **TESS:** Opportunities and Experience of Project Execution at Power Networks Market

MOSCOW 2014

# ABOUT THE COMPANY

## TESS IS A FEDERAL HOLDING ENTERPRISE OPERATING ON A POWER NETWORKS MARKET OF RUSSIA

1. More than **1000** people work in the Company.
2. The Company operates in **Ural** and **Siberia Federal districts** and has 7 branches in West Siberia, TESS Urals on Ural, as well as TESS Siberia in Siberian Federal District.
3. The Company has introduced and maintains Integrated Management System **ISO 9001, 14001, OHSAS 18001**, which includes monthly monitoring of customers satisfaction with performed work

# ABOUT THE COMPANY

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4. Scope of services in 2012 amounted to more than **2,3 billion** rubles
5. Taxes and charges paid to Russian Federation budget in **2012** amounted to **240 million** rubles, insurance payment to non budget funds amounted to **130 million** rubles.

YEAR	REVENUE, THOUS. RUBLES	PROFIT, THOUS. RUBLES
2010	2 459 917	139 617
2011	2 177 476	32 352
2012	2 361 710	98 865
2013	2 019 922	154 301
<b>2014</b>	<b>2 372 836</b>	<b>171 099</b>



# VALUES & MISSION



# VALUES

# TESS

## TRUENESS

CONDITION OF PRECISE  
AND ACCURATE  
PERFORMANCE OF THE  
LIABILITIES FOR OUR  
PARTNERS, CUSTOMERS,  
EMPLOYEES AND  
SOCIETY

## EFFICIENCY

SYSTEM OF RATIONAL  
USE OF THE SET TASKS,  
USE OF RESOURCES AND  
TIME

## SYNERGY

BASIS OF LONG TERM  
PARTNERSHIP AND  
COOPERATION

## STABILITY

CONDITION OF THE  
STABLE BUSINESS  
DEVELOPMENT

# MISSION



**ENSURING EFFICIENT AND FAILURE FREE  
WORK OF EQUIPMENT OF POWER SYSTEMS  
WHICH ENSURES RELIABLE POWER SUPPLY  
TO CONSUMERS AND CONTRIBUTES  
TO SOCIAL AND ECONOMIC WELFARE  
OF THE COUNTRY.**



# SERVICES



TESS

## SERVICES

- **Construction and reconstruction** of power lines (PL) and high voltage lines (HVL) 0,4-500 kV
- **Design** of power network facilities
- **Power audit** and power service contracts
- **Supply and maintenance** of high voltage equipment and devices of RPA and SVS (relay protection and automation and switch valve stations)
- **Complex service maintenance** of power network facilities
- System of large scale **emergencies elimination**



# PROJECTS EXECUTED IN 2012



## PROJECTS EXECUTED IN 2012

- **Reconstruction** of the synchronization devices on PL 220 kV (Urengoy, Nadym, Muravlenkovskaya, Vyngapur, Varyengan) and PL 500 kV (Kholmogorskaya, Tarko-Sale)
- **Design of projects and as-built documents** under the program of renovation of the main assets of “FSK EES” OJSC in part of the facilities non-complex reconstruction of MPN of West Siberia
- **Design of projects and as-built documents** for title PL 500 kV «Demyanskaya». Extension of OSG 220 kV for two linear cells 220 kV
- **Design of projects and as-built documents** for title PL 220 kV «Snezhnaya». Extension of OSG 110 kV for one linear cell 110 kV

## PROJECTS EXECUTED IN 2012

- **Design of projects and as-built documents** for title  
«Reconstruction of OSG 110 kV PL 220 kV «Kiryanovskaya».  
Extension of OSG 110 kV PL 220 kV Vasilyev»
- **Design of projects and as-built documents** for title  
«Reconstruction of OSG 110 kV PL 220 kV «Cometa»
- **Design of projects and as-built documents** for title  
«Process connection of the reconstructed PL-35/6 kV Yuzhnaya  
to OSG-35 PL 220/35/10 «Ust'-Balyk»
- **Reconstruction** of PL 110 kV: «Severo-Vatinskaya», «SPS»,  
«Yanvarskaya», «Aganskaya», «Yuzhno-Aganskaya» with installation  
of blocking high voltage protection units, current transformers and  
voltage transformers, new SCB
- **Reconstruction** of PL 35/6 kV «Isetsko-Ayatskaya»
- **Reconstruction** of PL 110 kV «Volna»

## PROJECTS EXECUTED IN 2012

- **Process connection** of existing PL-35/6 kV (M1,M2,M3,M4, «Yuzhnaya») and HVL-35 kV «Gorodskaya» 1,2 to busses of OSG-35 PL 500/220/110/35 «Pyt'-Yakh»
- **Reconstruction** HVL 110 kV «Poltavskaya – Gorkovskoye» for the needs of «FSK EES» branch – MPN Siberia
- **Maintenance** of power network equipment «Slavneft» OJSC
- **Construction** of PL-110/10 kV «Kamyshinskaya» with double circuit PTL-110 kV
- **Extension** of OSG-110 kV «Vostok» to the scheme 110-13 with overhangs of HVL 110 kV
- **Reconstruction** of PL «Inga». Replacement of oil switches 110 kV of the branch



## PROJECTS EXECUTED IN 2012

- **Design of project and as-built documents** for reconstruction of PL «Balatovskaya» with replacement of MV-6 kV on VV-6 kV
- **Reconstruction** of PL-110 kV «Russkinskaya» with replacement of switches 110 kV, switches 35 kV, cable wiring, SCB («Tyumenenergo» OJSC)
- **Reconstruction** of PL 110kV «Nefteprovodnaya» with replacement of oil switched to gas insulated and transfer of equipment of OSG 110kV to parched foundations («Tyumenenergo» OJSC)
- **Maintenance** of power equipment of «Zapsibtransgas» LLC
- **Maintenance** of power equipment of «Yuzhno-Balykskiy GPK»
- **Upgrade** of MSDS-2 on OSG 220, 110 kV. 1, 2 start-up complex «Nizhnevartovskiy GPK» LLC

# PROJECTS EXECUTED IN 2013



## PROJECTS EXECUTED IN 2013

- **Construction** of PL-110/10 kV «Kamyshinskaya» with double circuit PTL-110 kV
- **Design and contractual work** for title HVL 220 kV «Kunashak-Kamenskaya»
- **Reconstruction** of «PL 110 kV Vostochnaya». Replacement of switches to 10 kV with vacuum ones, restoration of power magnetic blocking of OSG 110 kV
- **Reconstruction** PL 220 kV «BUR-1» in frame of execution of the project «Ensuring protection of the power energy facilities of “FSK EES” OJSC
- **Design of project and as-built documents** for PL 220 kV «Vostochno-Mokhovaya»
- **Design of project and as-built documents** for PL 220 kV «Vyngapur»

## PROJECTS EXECUTED IN 2013

- **Reconstruction** of PL -110 kV «Kazarovo»
- **Capital and medium repair** of PL «Tyumenenergo» OJSC
- **Capital repair of equipment** of PL of Ishimskiy, Yuzhniy and Tobolskiy FLP
- **Capital repair of equipment** of PL of Noyabrskiy PS
- **Construction** of PL-110/10 kV «Kamyshinskaya» with double circuit PTL-110 kV
- **Design and contractual work** for title HVL 220 kV «Kunashak-Kamenskaya»
- **Reconstruction** of PL 110 kV «Vostochnaya». Replacement of switches to 10 kV with vacuum ones, restoration of power magnetic blocking of OSG 110 kV



## PROJECTS EXECUTED IN 2013

- **Technical re-equipment** of SDS «Tavricheskaya» (replacement of oil switches and current transformers 110 kV – 7 units) of the branch of “Tyumenenergo” OJSC on Kogalymskiye power networks
- **Design and survey work** for facility «Reconstruction PL 110/10/10 kV «Khanupa»
- **Design and survey work** for facility «Overhangs of HVL-110 kV on PL 220 kV «Russkaya»
- **Construction, installation and commissioning work** for facility: “Reconstruction of PL 110kV «Teploset’»
- **Construction, installation and commissioning work** for facility: “Reconstruction of PL 110/10kV «Trekhozerka»
- **Technical re-equipment** of HVL 110 kV «Uzlovaya-Severo-Khokhryakovskaya-Bakhilovskaya»

# CUSTOMERS & PARTNERS



# CUSTOMERS



# PARTNERS





# CONTACTS

**THANK YOU FOR YOUR INTEREST  
TO OUR COMPANY!**

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