



KHARKOVENERGOREMONT

Stability

Reliability

Quality

**THERMAL-, HYDRO- and NUCLEAR,
POWER ENGINEERING**

Experience and Skills

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General Experience and Skills

Kharkovenergomont is the engineering-and-repair company providing services in the field of engineering, designing, diagnostics, fault detection, equipment supplies, selection of contractors, project management, including supervision of the work and performance of site operations, commissioning operations, guarantee and post guarantee maintenance provided for projects involving assembling, upgrading, reconstruction, rehabilitation, extensive repair of thermal- and hydro- power plant units and turbine shops of nuclear power plants of up to 1000 MW power rating.

Our company has accumulated considerable expertise in providing services involving reconstruction, upgrading, rehabilitation and extensive repair of thermal- and hydro power plants. Our experience dates back to the original stage of our work in the former USSR. Considering our knowledge pertaining to know-how and progress made in this area, Kharkovenergomont may now be recognized as one of the few post-soviet companies who succeeded in entering the international market of services provided for power-generating companies. We also provide services as subcontractors for companies involved in implementation of complex projects involving installation, reconstruction, upgrading and rehabilitation of power-generating units.

Kharkovenergomont renders a whole complex of services as follows for technical re-equipment, reconstruction and upgrading of power equipment installed at co-generation plants (CP), thermal- (TPP), hydro- (HPP) and nuclear power plants (NPP) as well as energy saving units of industrial enterprises:

- power units' inspection before and after their repair;
- assembling of power equipment on a turn-key basis;
- determination of maintenance shortcomings and methods of their elimination;
- adjustment of control systems applied to all types of turbines and vibration adjustment of high-speed power equipment (1500-14000 RPM);
- overhauling of turbines, generators and electro motors of all types ;
- overhauling of steam boilers, exhaust-heat boilers, fuel-supply systems;
- repair of pump, compressor and electrical equipment;
- repair of gas and oil coolers with the replacement of ribbed and plain pipes;
- Inspection, flaw detection, adjustment and repair of SHS on station block turbo generators.
- overhauling and adjustment of I&C equipment;
- X-ray inspection, supersonic diagnostic, magnetic powder inspection, liquid-penetrant test, metallographic testing and mechanical parameters investigation by means of up-to-date instruments and methods;
- chemical treatment and temporary close-down of power equipment within the period from 3 months to 5 years;
- inspection, repair and painting high-rise building and constructions including power plants' buildings, chimney stacks and cooling towers by means of industrial mountaineering;
- design development, erection, mounting and commissioning of small power units with the capacity from 0,5 to 12 MW for industrial enterprises;
- the program of initial training and improving of skills' level of electric welders with further testing to give a qualification in welding of power equipment;
- delivery of spare parts for all types of turbines, generators, special equipment and instruments, delivery of turbine oil and OMTI oil;
- works at power plants located in Ukraine, CIS countries, other foreign countries attended to metallurgical, mineral resource, by-product-coking, food and other industries
- mobile maintenance teams;
- more than 150 customers and partners.

Our company was among the first state-owned Ukrainian enterprises pertaining to the Ministry of Energy of Ukraine, which passed through the process of privatization. In 1994 the "Kharkovenergomont" State Enterprise was privatized to become the "Kharkovenergomont" Open Joint-Stock Company.

At present our company is reorganized in Kharkovenergomont Limited Liability Company ("Kharkovenergomont" LTD.)

In the year of 2006 we established a Joint Venture LLC "Heatmasters-Khaer" Finland – Ukraine for carrying out the works on recovery thermal treatment of welded joints, parts and sets of power equipment with an aim of recovering the structure and working conditions of the metal.



Expertise and Skills

The list of repair works is prepared to serve as an example to confirm the gained skills and qualification of our company in the field of power energy.

List of Completed Projects

Serial No	Year	Plant	Project Description	Customer	Work/designs/supplies
1.	2011	«Nikolaev aluminous factory» (NGZ) LTD, Ukraine	Set of works on repairing of power equipment	Service center «Metalurg» LTD, Ukraine	<ul style="list-style-type: none"> Repair of the steam boiler БК3-75/39 st. №10
2.	2011	Heat Electropower Station of mine Barentsburg, archipelago Shpitsbergen, Norway	Repair of the Heat Electropower Station equipment	Federal State Unitary Enterprise State trust « Arktikugol », Russia	<ul style="list-style-type: none"> Repair of the turbounit №2 П 2,5-35/5м with the replacement of the clutch PT-PF. Repair of the power station equipment
3.	2011	SE Zuyevskaya TPS, Ukraine	Survey, repair, and setting-up of support and hanging system	«Vostokenergo» LLC, Ukraine	<ul style="list-style-type: none"> Technological survey of support and hanging system the main (in the turbine department) and in-turbine steam pipelines I,II,III,IV,V steam extraction and exhaust their glands of HPC and MPC block 300 MWt st. №1.
4.	2011	Dniester PSPP, Ukraine	Emergency repair of the transformer	«Special trasfo service», Italy	<ul style="list-style-type: none"> Emergency repair of the transformer frequency activation of the hydraulic unit «Special trasfo» (46000 kilovolt-ampere), with the replacement of the screens.
5.	2011	NTU «KPI», Ukraine	Repair of the compression facility equipment	NTU «KPI», Ukraine	<ul style="list-style-type: none"> Current repair of the compression facility equipment of the department of the turbine construction
6.	2011	SE «Kurakhovskaya TPS», Ukraine	Survey, repair, and setting-up of support and hanging system	«Vostokenergo» LLC, Ukraine	<ul style="list-style-type: none"> Technical survey part of the support and hanging system and laying-out steam pipeline «hot» overheating of the blocks 200 MWt st. №7 and №8.
7.	2011	«SKZ Impuls», Ukraine	Ecological - heat engineering testing of the steam boilers	«SKZ Impuls», Ukraine	<ul style="list-style-type: none"> Ecological - heat engineering testing of the steam boilers E-2,5/9 (2 units)
8.	2011	SE «Starobeshevskaya TPS», Ukraine	Survey and setting-up of support and hanging system	JSC «Donbassenergo», Ukraine	<ul style="list-style-type: none"> Survey and setting-up of the main and in-turbine steam pipelines of 200 MW unit of st.5
9.	2010	Kakhovskaya HPP, Ukraine	The transformer repair	Ukrghidroenergo JSC	<ul style="list-style-type: none"> The repair and replacement of the power transformer TCG-7000/150 un. #5
10.	2010	Moldavskaya SDPP CJSC	The compressor repair	Moldavskaya SDPP CJSC	<ul style="list-style-type: none"> The machining (grinding) of the rotor's neck of the TTY-2 compressor
11.	2010	Tbilisskaya SDPP, Georgia	The emergency repair of the turbine	Georgian International Power Corporation, Georgia	<ul style="list-style-type: none"> The renewal of the bearing # 1 of the K-160-130 st. # 3 turbine
12.	2010	Dneprodzergynskaya HPP, Ukraine	The repair of the generator's unit	Ukrghidroenergo JSC	<ul style="list-style-type: none"> The repair, replacement, restoration of the generator's sv-1500/100-116 un. #5
13.	2010	Ukrspetsvagon SC	The repair of the boiler equipment	Ukrspetsvagon SC	<ul style="list-style-type: none"> The repair with the restoration of the drum's hatch and ДКБП 10/13 boiler header
14.	2010	Ekspereperimentalnaya TPP JSC, Russian Federation	The technical audit of the steam turbine condition	Ekspereperimentalnaya TPP JSC, Russian Federation	<ul style="list-style-type: none"> The analysis of the technical condition of the BK-100-90-2 steam turbine with further consultation on the major overhaul process
15.	2010	Kakhovskaya HPP, Ukraine	The major overhaul of the hydrogenerator	Ukrghidroenergo JSC	<ul style="list-style-type: none"> The major overhaul of the CBK 1340/150-96 st # 3 hydrogenerator without rotor exclusion



16.	2010	Kurakhovskaya TPP, Ukraine	The inspection, repair and set up of the support and hanging system	Vostokenergo Ltd	<ul style="list-style-type: none"> The inspection, repair and set up of the SHS of the inner turbine steam pipeline connected to turbine HPC and LPC of the unit # 6 The inspection, repair, and set up of the SHS of the live steam pipeline of the hot and cold intermediate superheating and feed water of the unit # 6
17.	2010	Barentsburg TPP Shpitzbergen archipelago	The repair of the equipment	FGUP Arktikugol state trust, Russia	<ul style="list-style-type: none"> The replacement of the # 2 CY 20-39/440 boiler furnace The repair of the general station equipment
18.	2010	Astrakhanskaya TPP-2	The turbine repair	Energoremont Ltd, Moscow	<ul style="list-style-type: none"> The replacement of the blades of the 30 stage of the ПТ-80/100-130-13 st # 2 turbine
19.	2010	Tbilisskaya HPP, Georgia	The major overhaul of the TBB-165 st # 4 turbine set	Georgian International Power Corporation, Georgia	<ul style="list-style-type: none"> The repair of the diffuser, intermediate sleeve, oil collector. The repair of the gas cooler. The repair of the cord bandage
20.	2010	SE Starobeshevskaya TPP	The repair of the equipment of the 200 MW unit st # 10	Georgian International Power Corporation, Georgia	<ul style="list-style-type: none"> The inspection and set-up of the feed water pipeline of the 200 MW unit st # 10
21.	2010	NTU "KhPI"	The repair of the compression facility equipment of NTU "KhPI"	NTU "KhPI"	<ul style="list-style-type: none"> The repair of the assemblies and panels of ППС 0,4 kV type
22.	2010	Khersonskaya TPP PC	The major overhaul of the equipment	Khersonskaya TPP PC	<ul style="list-style-type: none"> The major overhaul of the turbine ПП-30-90/10-0,9 The major overhaul of the generator TBC-30 unit #3
23.	2010	'Tbilisskaya SDPP', Georgia	Technical audit of the state of power equipment	Georgian International Energy Corporation	<ul style="list-style-type: none"> Survey of the technical state of power generating units equipment of st.#3,4 and balance of plant equipment
24.	2010	Kakhovskaya HPP	The major overhaul of the hydrogenerator	Ukrgidroenergo JSC	<ul style="list-style-type: none"> The major overhaul of the CBK 1340/150-96 st # 3 hydrogenerator of 57,2 MW power
25.	2010	Simferopolska CHP, Ukraine	Turbogenerator overhauling	"Krymteploenergomontazh 2004" Ltd., Ukraine	<ul style="list-style-type: none"> Repair works on turbogenerator TB-60-2
26.	2010	Metallurgical Work "PAKISTAN STEEL MILLS CORPORATION LTD", Karachi, Pakistan	Turbine emergency repair	Foreign Economic Association "Tyazhpromexport", Russia	<ul style="list-style-type: none"> Emergency repair of steam turbine ПТ-60-90/13 with reblading of st.28 of LPR
27.	2010	OJSC "Kharkovska CHP 5", Ukraine	Overhaul repair of turbogenerator	OJSC "Kharkovska CHP 5", Ukraine	<ul style="list-style-type: none"> Overhauling of the synchronous type turbogenerator TBB-320-2EY3
28.	2010	"Kurakhovskaya TPS", Ukraine	Survey, repair, and setting-up of support and hanging system	"Vostokenergo" LLC, Ukraine	<ul style="list-style-type: none"> Survey and setting-up of the support and hanging system of in-turbine steam pipelines of 200 MW unit of st.3 in cold state
29.	2010	CJSC "Moldavskaya HPP" Pridnestrovsk Moldavian Republic	Tap hole finishing of half couplings	CJSC "Moldavskaya HPP" Pridnestrovsk Moldavian Republic	<ul style="list-style-type: none"> Tap hole finishing of half couplings of HPR-MPR turbine of st.5
30.	2010	"Starobeshevskaya TPS", Ukraine	Survey and setting-up of support and hanging system	JSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> Survey and setting-up of the support and hanging system of main and in-turbine steam pipelines of 200 MW unit of st.10
31.	2010	JSC 'Energy Invest', Rustavi, Georgia	Balancing of electric motor, СТДП-5000-2Y4 type, 2975 r.p.m.	JSC 'Energy Invest', Rustavi, Georgia	<ul style="list-style-type: none"> Works on balancing of electric motor, СТДП-5000-2Y4 type, 2975 r.p.m.
32.	2010	OJSC "Donetskenergoremont", Ukraine	Modernization of boiler unit, ТП-109, of unit #7 of Kurakhovskaya TPS	"Vostokenergo" LLC, Ukraine	<ul style="list-style-type: none"> Survey of support and hanging system (ОСП) of main steam pipelines of feed water of 200 MW unit of st.#7
33.	2010	OJSC "Yasinovskiy Coke and Chemical Plant", Ukraine	Set of works on commissioning of electric pump unit ПЭ-160	OJSC "Yasinovskiy Coke and Chemical Plant", Ukraine	<ul style="list-style-type: none"> Set of works on commissioning of electric pump unit ПЭ-160 along with developing the project design documentation for installation and feed water piping of the



					electric pump unit ПЭ-160 in "TX", "AC", "KM", and "ЭС" parts with development of automatic control system: vibration level on bearings and alarming of increase of limiting values, water pressure in the pipeline.
34.	2010	OJSC "Kharkovskiy Zavod Metalevykh Konstrukcij", Ukraine	Spare parts manufacturing	OJSC "Kharkovskiy zavod metalevykh konstrukcij", Ukraine	<ul style="list-style-type: none"> Manufacturing of block-stars from Customer drawings
35.	2010	"Kharkovskiy Kanatny Zavod" Grp., Ukraine	Spare parts manufacturing	"Kharkovskiy Kanatny Zavod" Grp., Ukraine	<ul style="list-style-type: none"> Manufacturing of spare parts for looms
36.	2010	"Kurakhovskaya TPS", Ukraine	Survey, repair, and setting-up of support and hanging system	"Vostokenergo" LLC, Ukraine	<ul style="list-style-type: none"> Survey and setting-up of support and hanging system of in-turbine of 200 MW unit of st.#7 Repair of support and hanging system of in-turbine steam pipelines of 200 MW unit of st.#7
37.	2009	"Saqnakshiri Ltd (GIG Group)" Tkibuli, Georgia	Construction of TPP with power of 13,2 MWt in Tkibuli, Georgia	"Saqnakshiri Ltd (GIG Group)" Tkibuli, Georgia	<ul style="list-style-type: none"> Construction of TPP with power of 13,2 MWt in Tkibuli, Georgia on turnkey basis
38.	2009	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Mounting works on the laying of the winding of the power machiens	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	<ul style="list-style-type: none"> Mounting works on the laying of the stator winding, turbo generator (orders 10101-487, 10101-512)
39.	2009	SE "Slavyanskaya TPS", Ukraine	Technical expection of support and hanging system on the working equipment (hot adjustment)	OJSC "Donetskenergoremont", Ukraine	<ul style="list-style-type: none"> Technical expection of support and hanging system of the main stem pipelines in turbine section and intratubal steampipelines of HPC of turbounit K-800-240-2 st.No 7
40.	2009	CJSC «Moldavskaya GRES»	Overhaul repair of turbine K200-130	CJSC «Moldavskaya GRES»»	<ul style="list-style-type: none"> Replacement of the working vlades of 13 stage and bandages of 14 stage of MPR of turbine K200-130
41.	2009	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Mounting works on the laying of the winding of the power machiens	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	<ul style="list-style-type: none"> Mounting works on the laying of the stator winding, turbo generator (orders 10101-465, 10101-511, 10174-160)
42.	2009	Iraninan Power Plant Repair Company. Kataj Iran	Overhaul repair of turbine	TPP «Ramin»	<ul style="list-style-type: none"> Repair of the flow part of the turbine, repair of generator, control system and reblading of stage. №34., 39 of LPR
43.	2009	Public Enterprise «Ukrspetsvagon» Ukraine	Ecologic-powertechnical testing of steam boilers	Public Enterprise «Ukrspetsvagon» Ukraine	<ul style="list-style-type: none"> Ecologic-powertechnical testing of steam boilers DKVR-10/13 with issuing of technical passport
44.	2009	Krivorozhskaya TPS, Ukraine	Rehabilitation heat treatment of metal of steam box of the unit of check regulative valve VT of turbine K300-240-2 XTГ3 ст. №10	Corporation of production and commercial enterprises «SOYUZ»	<ul style="list-style-type: none"> Heat treatment and repair of check regulative valve VT of turbine K300-240-2 XTГ3 ст. №10
45.	2009	Dobrotvorskaya TPP, Ukraine	Overhaul repair of the pump	OJSC «Zapadenergo» Ukraine	<ul style="list-style-type: none"> overhaul repair of the oil pump of type GMN
46.	2009	«Severnui» Plant of Farm Economy "Organik Systems"	Mounting of the pipline of steam condensate system	OJSC «Trakonta»	<ul style="list-style-type: none"> Works on the pipeline mounting of the steam condensate system of the production boiler intraeconomic complex
47.	2009	SE Kurahovskaya TPP, Ukraine	Replacement of the heating sections of the steam converting devices	OJSC «Vostokenergo», Ukraine	<ul style="list-style-type: none"> Works on replacement of the heating section of the steam converting devices ППУ-4 and ППУ-6 of Unit No 6
48.	2009	Jankoiskaya MPS, Ukraine	Overhaul repair of busbar	State Company NEC «Ukrenergo»	<ul style="list-style-type: none"> Overhaul repair of the busbar 10 KV with the replacement of the



					supporting insulator ПС-330 kV «Jankoï»
49.	2009	Nripolskaya TPP, Ukraine	Repair and adjustment of the suspension hanging system	«Donetskenergo» Ltd. Ukraine	• Repair of the suspension hanging system of the steampipe connected to HPC and MPC of steam turbine K-300-240 XT3 st.No 3
50.	2009	Slavyanskaya TPS, Ukraine	Repair of accessories of turbine department	OJSC «Donbasenergo», Ukraine	• Repair of accessories of turbine department of unit No. № 7
51.	2009	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Mounting works on the laying of the winding of the power machiens	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	• Mounting works on the laying of the stator winding , turbo generator (orders 10101-498, 10101-495, 10166-271, 10101-488)
52.	2009	Starobeshevskaya TPS, Ukraine	Vibro examination of turbogenerator	OJSC «Donbasenergo», Ukraine	• Vibro examination of turbogenerator st.No 4
53.	2009	Slavyanskaya TPS, Ukraine	Turbopipes repair	OJSC «Donbasenergo», Ukraine	• Pipelines repair
54.	2009	Jankoïskaya MPS, Ukraine	Overhaul repair of the synchronous compensator	State Company NEC «Ukrenergo»	• Overhaul repair of the synchronous compensator KCB-50000/11 st. No 1 ПС-330 kV «Jankoï»
55.	2009	TPP «Ramin»,Iran	Overhaul repair of the turbine	Iran Power Plants Repair Company, Karaj city, Iran	Overhaul repair of turbine K-300-240-2 LMZ of Unit No 2 with reblading of LPR (10 stages), (8 stages), HPR (2 stages), replacement of HPR for a spare one, carrying out of start-up and vibro adjusting works
56.	2009	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Mounting works on the laying of the power machines	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	• Mounting works on the laying of the stator winding , turbo generator (orders 10101-458, 10101-469, 10174-159, 10166-273)
57.	2009	State company «Shostkinskiy State Plant «Impuls» , Ukraine	Ecologic- heat engineering test of steam boiler	State company «Shostkinskiy State Plant «Impuls» , Ukraine	• Ecologic- heat engineering test of steam boiler ДКБП-20 (2 pcs.), ДЕ-25 (1 pcs.); water-heating boiler КВГМ-20 (2 pcs.)
58.	2009	Starobeshevskaya TPS, Ukraine	Suspension hanging system examination of steampipes in working condition	OJSC «Donbasenergo», Ukraine	• Suspension hanging system examination of steampipes in working condition of unit 200 MW st.No 13
59.	2009	TPP «Ramin»,Iran	Works on magnitezation measurement and further demagnetization of HPR, MPR and LPR	Iran Power Plants Repair Company, Karaj city, Iran	• Works on magnitezation measurement and further demagnetization of HPR, MPR and LPR and inserts of bearing No 1÷№5 of turbo-unit K-300-240-2 st. №2
60.	2009	Heat Station of mine Barentsburg, archipelago Shpitsbergen, Norway	Overhaul repair of boiler unit and general station equipment	CJSC «Electrougmontag", Kurchatov city, Russia	• Overhaul repair, mounting and start-up works of boiler-unir CY-20/39-440 st. No 1 Overhaul of the general station equipment
61.	2009	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Mounting works on the laying of the power machines	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	• Mounting works on the laying of the stator winding , turbo generator (orders 10101-491, 10101-492, 10101-493, 10174-159, 10166-273)
62.	2009	Kahovskaya HPS, Ukraine	Reconstruction of hydrogenerator and transformer	Consortium Reearch & Manufacturing Association "Ukrhidroenergostroï", Ukraine	• Reconstruction of hydrogenerator CBK-1340/150-96 st. No 6 Reconstruction of transformer ТГЛ-70000/150 st. No 6
63.	2008	Shostkinskaya TPS, Ukraine	Turbo-generator repair	JSC Shostkinskoe Subsidiary "Kharkovenergomont", Ukraine	• Repair of turbo-generator TBC-30, st. No.4 with the removal of the retaining rings
64.		SE "Slavyanskaya	Turbine overhauling	OJSC	• HPC overhauling of turbine K-



	2008	TPS", Ukraine		"Donetskenergoremont", Ukraine	800-240-2 LMZ
65.	2008	SE "Slavyanskaya TPS", Ukraine	Repair and adjustment of suspension hanging system	OJSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> technical inspection of suspension hanging system of inner turbine steampipes connected to HPC, MPC, of steampipes to the quick-operating pressure-reducing desuperheating station, turbo feed pump and auxiliary turbo-generator steampipes K-800-240-2 st. No. 7
66.	2008	SE "Slavyanskaya TPS", Ukraine	Repair and adjustment of	OJSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> technical inspection and supervision on repair and adjustment of suspension hanging system of cold steampipe reheater of the unit, st. No. 7
67.	2008	SE "Slavyanskaya TPS", Ukraine	Turbo-generator repair	OJSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> overhaul reconditioning with partial replacement of the stator winding bars of the turbo-generator TBB-800-2 st. No. 7
68.	2008	SE "Slavyanskaya TPS", Ukraine	Repair and adjustment of suspension hanging system	OJSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> repair of suspension hanging system of the main turbo-generator steampipes
69.	2008	Kramatorskaya TPS, Ukraine	Boilers overhauling	CJSC "Mega-resurs", Ukraine	<ul style="list-style-type: none"> boilers overhauling – of the main water heater No. 10, type 60-350, peaking boiler No.5 and No. 8, type ПСВ-315

70.	2008	Zaporozhskaya TPS, Ukraine	Technical re-equipment of power unit No. 1	OJSC "Dneproenergo", Ukraine	<ul style="list-style-type: none"> elaboration of the design estimate documentation turbine technical reequipment K-300-240-2 XГТ3 reconstruction of LPC steam path reconstruction of the overbanding sealing of HPC and MPC reconstruction of the turbine regulating system modernization of drain blowoff scheme
71.	2008	Dneprodzerzhinskaya HPS, Ukraine	Generator modernization	OJSC "Dnepr-Speczgidroenergomontazh" & OJSC "UkrHydroEnergo", Ukraine	<ul style="list-style-type: none"> dismantling and installation of the generator assemblies CB 1500/110-116 st. No.7
72.	2008	SE "Elektrotiyazhmash", Ukraine	Assembly works on windings laying of electrical machines	SE "Elektrotiyazhmash", Ukraine	<ul style="list-style-type: none"> range of works on winding assembling of the turbo-generator stator ТГВ-325
73.	2008	Kahovskaya HPS, Ukraine	Hydrogenerator overhauling	Research & Manufacturing Association "Ukrhidroenergo", Ukraine	<ul style="list-style-type: none"> hydrogenerator overhaul, type CBK 1340/150-96, 57.2 MW capacity, st. No.2
74.	2008	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomasheksport", Russia	Assembly works on windings laying of electrical machines	JSC "Power Machines – ZTL, LMZ Elektrosila, Elektromasheksport", Russia	<ul style="list-style-type: none"> winding works during the production of turbo-generator stators and rotors (plant orders 10101-481 ТЗФП-63, 10101-482 ТЗФГ-160, 10101-490-ТЗФГ-160, 10101-499 ТBB-800, 10166-272 ТBB-500)
75.	2008	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomasheksport", Russia	Assembly works on windings laying of electrical machines	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Elektromasheksport", Russia	<ul style="list-style-type: none"> winding works during the production of turbo-generator stators and rotors (plant orders 10101-480 ТЗФП-160, 10101-469 ТЗФГ-160, 10101-462 ACK-100, 10101-447 ТBB-660, 10101-473 ТЗФП-110, 10174-154 ТBB-220, 10101-472 ТЗФП-220)
76.	2008	Kahovskaya HPS, Ukraine	Hydrogenerator overhauling	OJSC "UkrHydroEnergo", Ukraine	<ul style="list-style-type: none"> hydrogenerator overhauling of type CBK 1340/150-96, 57.2 MW capacity,



					st. No.4
77.	2008	Krivorogskaya TPS, Ukraine	Repair of turbine section of unit No. 10	Industrial and Commercial Enterprises` Corporation "Soyuz", Ukraine	<ul style="list-style-type: none"> hydrogenerator overhauling TFB-300 technical diagnosis of the unit
78.	2008	Scientific and Technical University "HPI"	Equipment current repair	Scientific and Technical University "HPI"	<ul style="list-style-type: none"> current repair of the compression facility equipment
79.	2008	Starobeshevskaya TPS, Ukraine	Repair and adjustment of suspension hanging system	OJSC "Donbassenergo", Ukraine	<ul style="list-style-type: none"> inspection and adjustment of suspension hanging system of inner turbine steampipes connected to the turbo-generator PC and MPC, st. No. 13 vibroinspection of the turbogenerator st. No. 10
80.	2008	Kurskaya Cogeneration plant –1, Russia	Rotors reconstruction		<ul style="list-style-type: none"> dismantling, repair, assembling and balancing of the generator`s rotor TB2-60-2 st. No. 5
81.	2008	AES "Ekibastuz" TPP, Kazakhstan	Turboset overhauling	AES "Ekibastuz" TPP, Kazakhstan	<ul style="list-style-type: none"> reconstruction of the stem path, automatic control system and turbine`s steam distribution K-500-240-2 st. No. 6
82.	2008	Kramatorskaya TPS, Ukraine	Chemical cleaning	«Kramatorskteploenergo» Ltd., Ukraine	<ul style="list-style-type: none"> chemical cleaning of the turbo-generator gas coolers TBФ-60-2 st. No. 3, st. No. 4
83.	2008	"Orhanelly" TPS, Turkey	Turbine current repair	"Ukrenergocomplect" Ltd.	<ul style="list-style-type: none"> turbine current repair K-210-130-3 LMZ
84.	2008	TPP JSC «Nikolaevskiy aluminuos plant», Ukraine	Repair of live steam pipe and feeding pipe line	JSC «Metallurg», Ukraine	<ul style="list-style-type: none"> elaboration of working documentation of live steam pipe seal No. 5, No.80 installation of seal No.5 between the live steam pipe collectors, No.80 heat insulation works of live steam pipe, ref. No.80 technical and expert inspect of live steam pipe, No.80 set-up works, resistance and homing of living steam pipe estimation, No.80 technical and expert inspection of feeding pipe line, No.79 metal checking to inspect metal condition of feeding pipe line, No.79 set-up works, resistance and homing of feeding pipe line estimation, No.79 heat insulation works of feeding pipe line, No.80
85.	2008	Luganskaya TPS, Ukraine	Emergency overhauling	JSC "Vostokenergo", Ukraine	<ul style="list-style-type: none"> emergency overhaul of heat and gas supply and ventilation TFB-200, unit No.10
86.	2008	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Energomashexport", Russia	Erecting works on winding installation of electric machines	OJSC "Power Machines – ZTL, LMZ, Elektrosila, Electromashexport", Russia	<ul style="list-style-type: none"> winding works and production of turbo-generator stator and rotor (plant orders 10174-155-TBB-1000, 10101-470-T3ФAY-160, 10101-462-ACK-100, 10101-469-T3ФГ-160, 10174-152-TBB-1000)
87.	2008	Kahovskaya HPS, Ukraine	Transformer overhauling	Research & Manufacturing Association "Ukrgidroenergostroj"	<ul style="list-style-type: none"> transformer overhauling ТЦГ-70000/150 unit No.5
88.	2008	TPS "Ramin", Iran	Emergency turbine overhauling	"Arya Arman Arvand" Company	<ul style="list-style-type: none"> emergency steam turbine overhauling K-300-240, unit No.2
89.	2008	OJSC "Experimental TPS", Russia	Turbine overhauling	OJSC "Experimental TPS", Russia	<ul style="list-style-type: none"> steam turbine mid-repair, BK-100-90-2(5), unit No.5
90.	2008	Shostkinskaya TPS, Ukraine	Boiler overhauling, unit No. 7	JSC Shostkinskoe Subsidiary "Kharkovenergoremont", Ukraine	<ul style="list-style-type: none"> Replacement of thin-walled pipe bends of Ø133×8 to Ø133×10, walling-up and insulation of boiler pipe bends Ø133×410 БК3-160-100ГМ, unit No.7
91.	2008	Shostkinskaya TPS, Ukraine	Boiler overhauling, unit No. 9	JSC Shostkinskoe Subsidiary "Kharkovenergoremont", Ukraine	<ul style="list-style-type: none"> assemble, reassemble and production of boiler platen superheater БК3-160-100ГМ, unit No.9
92.	2008	SE "Slavyanskaya TPS", Ukraine	Exciter overhauling	OJSC "Donbassenrgo", Ukraine	<ul style="list-style-type: none"> production and replacement of collector rings of rotor exciter BT-6000-2
93.	2008	Krivorogskaya TPS, Ukraine	Metal check	OJSC "Dneproenergo", Ukraine	<ul style="list-style-type: none"> check of metal of HP and LP pipe lines replacement of defective areas of HP



					power generating, unit No.8
94.	2008	Krivorogskaya TPS, Ukraine	Boiler overhauling	OJSC "Dneproenergo", Ukraine	<ul style="list-style-type: none"> overhauling of boiler control stage of convection pass ТПП-210А, power generating unit of unit No.8 with production of two low pipe lines
95.	2008	JSC «Sakenergoremont», Georgia	Technical maintenance	JSC «Sakenergoremont», Georgia	<ul style="list-style-type: none"> technical maintenance of repair works at K-300-240 st. №9
96.	2007	Kurakhovskaya TPS, Ukraine	Replacement of metalware	JSC "Vostokenergo" Ltd. Ukraine	<ul style="list-style-type: none"> Replacement of main steam valves (MSV) q-ty 2 pcs. Turbine type K-200-130 LMZ st. unit №5
97.	2007	JSC "Power Machines – ZTL, LMZ Elektrosila, Elektromashekспорт", Russia	Assembly works on laying of winding in electrical machines	JSC "Power Machines – ZTL, LMZ Elektrosila, Elektromashekспорт", Russia	<ul style="list-style-type: none"> winding works at manufacturing of rotors and stators of the turbo generators with the following capacities: 35 MW, 160 MW, 300 MW, 660 MW with water and air cooling
98.	2007	Tripolskaya TPS	Turbine repair	OJSC «Tsentrenergo», Ukraine	<ul style="list-style-type: none"> Technical maintenance of repair works at IPC of turbine K-300-240 XTГ3 st. №3 reaming of HPR-IPR coupling with bushing of half-coupling holes
99.	2007	SE "Elektrotiyazhmash", Ukraine	Assembly of stator winding	SE "Elektrotiyazhmash", Ukraine	<ul style="list-style-type: none"> Assembly of stator winding of the turbo generator ТГВ-200 и ТГВ-325
100.	2007	JSC «Kramatorskteploenergo» Ltd., Ukraine	Repair of feeding pipe line	«Kramatorskteploenergo» Ltd., Ukraine	<ul style="list-style-type: none"> feeding pipeline repair of the boiler ТП-170 st. №5
101.	2007	Kurakhovskaya TPS, Ukraine	Repair and adjustment of suspension hanging system	JSC "Vostokenergo" Ltd. Ukraine	<ul style="list-style-type: none"> adjustment and repair of suspension hanging system of intake pipeline of feeding electrical pumps ПЭН-5 200 MW unit st. №5
102.	2007	Shostkinskaya CHP, Ukraine	Turbine repair	"Shostkinskoe enterprise "Kharkovenergoremont" Ltd. Ukraine	<ul style="list-style-type: none"> overhauling of turbine ВПТ-25-4 УТМ3 st. №4 with protection system reconstruction HPR reblading of turbine ВПТ-25-4
103.	2007	OJSC «Burynskiy sugar refinery», Ukraine	Technical guidance	OJSC «Burynskiy sugar refinery», Ukraine	<ul style="list-style-type: none"> overhauling technical guidance of steam turbine P-2,5-15/3M repair of rotor of turbine P-2,5-15/3M
104.	2007	Shostkinskaya CHP, Ukraine	Technical diagnostics	"Shostkinskoe enterprise "Kharkovenergoremont" Ltd. Ukraine	<ul style="list-style-type: none"> technical diagnostics of equipment (ПНД №2, 3 ТГ-4; Д №5-6)
105.	2007	Shostkinskaya CHP, Ukraine	Adjustment works	"Shostkinskoe enterprise "Kharkovenergoremont" Ltd. Ukraine	<ul style="list-style-type: none"> Technical and environmental testing of boilers БК3-160-100 ГМ
106.	2007	Shostkinskaya CHP, Ukraine	Emergency repair of turbo generator	"Shostkinskoe enterprise "Kharkovenergoremont" Ltd. Ukraine	<ul style="list-style-type: none"> Emergency repair of turbo generator st. № 5 type ТВФ-63-2 with the replacement of sealing bearing
107.	2007	OJSC «Poltava turbomechanical works», Ukraine	Stand adjustment	OJSC «Poltava turbomechanical works», Ukraine	<ul style="list-style-type: none"> stand adjustment of governing blocks of turbine ПТ-60-90/13
108.	2007	Sumskaya CHP	Vibration inspection of turbine	"Sumyteploenergo" Ltd. Ukraine	<ul style="list-style-type: none"> vibration inspection of the turbo set AT-12 «Igor» st. №2
109.	2007	Gorasaal TPS, Bangladesh	Turbine overhauling	Nirman Power Generation Ltd. Bangladesh	<ul style="list-style-type: none"> Technical maintenance at reaming of LPR and generator with balancing of turbo set st. №5 typea K-210-190 ЛМ3 Reaming of couplings of LPR and generator rotor after replacement of generator rotor
110.	2007	Krivorozhskaya TPS	Technical re-equipment of power unit No. 3 with reconstruction of electric filter. Working out of sulphur and nitro cleaning. Design works.	OJSC «Dneproenergoukraina, Ukraine	<ul style="list-style-type: none"> modernization of gland carriers system of turbine K-300-240-2 XTГ3 modernization of drainage and blow-off system of turbine K-300-240 XTГ3 reconstruction of governing system of turbine K-300-240 XTГ3 reconstruction of heat insulation of turbine
111.	2007	Jamshoro TPS, Pakistan	Overhauling of power unit No.4	"GRID TRADING Malta Ltd", Malta	<ul style="list-style-type: none"> overhauling of 200 MW turbine and generator, Chinese manufacturing
112.	2007	"Eskhar" CHP-2,	Repair of electric	SE "Eskhar" CHP-2, Ukraine	<ul style="list-style-type: none"> overhauling of motor, type ДАМСО



		Ukraine	motor		14-10-8
113.	2007	SE «PC «A.M. Makarov south machine works» CHP	Overhauling of turbine and generator	SE «PC «A.M. Makarov south machine works» CHP	<ul style="list-style-type: none"> overhauling of turbo generator TBC-30 ст. №2 overhauling with modernization of turbine, type АП-25-2 ст. №2 repair of turbine auxiliary equipment
114.	2007	Kakhovskaya HPS, Ukraine	Overhauling of Hydrogenerator	OJSC «Ukrgidroenergo» City of Vyshgorod, Ukraine	<ul style="list-style-type: none"> overhauling of Hydrogenerator, type CBK-1340/150-96, capacity 57,2 MW st. №5
115.	2007	SE «PC «A.M. Makarov south machine works»	Turbine overhauling	SE «PC «A.M. Makarov south machine works» CHP	<ul style="list-style-type: none"> overhauling of turbo generator AT-25-2 st. №5
116.	2007	Simferopolskaya HPP, Ukraine	Vibration adjustment works	SE "Krymskie Generating Systems", Ukraine	<ul style="list-style-type: none"> Vibration adjustment works of the T-34/55-90 turbine type unit №2
117.	2007	Dneprodzerzhinskaya HPS, Dneprodzerzhinsk, Ukraine	Reconstruction of hydrogenerator	OJSC " UkrHydroEnergo", Vyshgorod, Kiev Region	<ul style="list-style-type: none"> replacement of the stator winding of the CV 1500/110-116 generator type unit №2, 44 mW
118.	2007	Kahovskaya HPS, Ukraine	Block transformer complete overhaul with reconstruction	Joint stock company "UkrHydroEnergo" Vyshgorod, Ukraine	<ul style="list-style-type: none"> Complete overhaul of the transformer TCG-70000/150 type unit 1 with changing of the high-voltage and low-voltage input Overhauling of oil coolers with changing of tubes
119.	2007	Dnestrovskaya HPP, Ukraine	Testing and investigating of hydro-generator	Joint stock company "UkrHydroEnergo" Vyshgorod, Ukraine	<ul style="list-style-type: none"> Testing and stator's stain specific loss test and thermographic analysis of Hydrogenerator GSB-1230/140-48 type unit 2 have been completed
120.	2007	Krymskaya PP, substation "Dzhankoy", Ukraine	Overhaul of synchronous compensator	SE National Power Company "Ukrenergo", Ukraine	<ul style="list-style-type: none"> Overhaul of synchronous compensator KSV-50000/11 unit №2
121.	2007	Scientific and Technical University "HPI"	Supercharger, electromotor overhauling	Scientific and Technical University "HPI"	<ul style="list-style-type: none"> Supercharger overhauling and overhauling of electromotor stator winding A-91-2 type has been completed
122.	2006	SE "Zlatodar" subsidiary enterprise "Ivan`kovsky sugar-factory", Ukraine	Steam turbine P-2,5-18/4 overhauling and inspection	SE "Zlatodar" subsidiary enterprise "Ivan`kovsky sugar-factory", Ukraine	<ul style="list-style-type: none"> Flaw detection of the turbine P-2,5-18/4 manufactured by FEB "Bergman-Borzing" GDR and the system of automatic control system of a regulatory type and steam distributing
123.	2006	CJSC "Moldavskaya HPP" Pridnestrovsk Moldavian Republic	Re-blading of stages	CJSC "Moldavskaya HPP" Pridnestrovsk Moldavian Republic	<ul style="list-style-type: none"> Re-blading of stages № 26,27,30 and 31 of LP rotor ofK-200-130-3 turbine
124.	2006	Shostka Cogeneration Plant, Ukraine	Chimney overhauling	"Kharkovenergoremont "Shostka Enterprise" Ltd., Ukraine	<ul style="list-style-type: none"> Overhauling of a chimney 150M
125.	2006	Shostka Cogeneration Plant, Ukraine	Technical diagnosis	"Kharkovenergoremont "Shostka Enterprise" Ltd., Ukraine	<ul style="list-style-type: none"> Technical diagnosis of equipment
126.	2006	JSC Mittal Steel Kryviy Rih, Ukraine	Turbine Generator Maintenance work	JSC Mittal Steel Kryviy Rih, Ukraine	<ul style="list-style-type: none"> ТТ-4А Turbine-Generator maintenance work of turbine division of Cogeneration plant-1 of P-12-90 type
127.	2006	JSC Mittal Steel Kryviy Rih, Ukraine	Turbine Generator Maintenance work	JSC Mittal Steel Kryviy Rih, Ukraine	<ul style="list-style-type: none"> ТТ-3Тurbine-Generator maintenance work of Cogeneration plant-1
128.	2006	JSC Mittal Steel Kryviy Rih, Ukraine	Turbine Generator Major Overhauling	JSC Mittal Steel Kryviy Rih, Ukraine	<ul style="list-style-type: none"> Major overhauling ofТТ-8 turbine-generator at Cogeneration plant-3
129.	2006	"Orhanelly" TPS, Turkey	Technical supervision	"Ukrenergocomplect" Ltd.	<ul style="list-style-type: none"> Technical supervision (rendering consultation services) for replacement of eight K-200-130-6 turbine valves
130.	2006	Municipal Property Enterprise of Shostka City Council "Capital Development Department", Ukraine	Major overhauling of heating network	Municipal Property Enterprise of Shostka City Council "Capital Development Department", Ukraine	<ul style="list-style-type: none"> Major overhauling of heating network
131.		Kursk Cogeneration	Turbine-	JSC "Energoremont", Russia	<ul style="list-style-type: none"> Mid-life overhauling of turbine-



	2006	Plant-1, Russia	Generators overhauling		generator TB-60-2 type unit №5 • Mid-life overhauling of turbine-generator TB-230-3 type unit №2
132.	2006	"Obra" TPP, India	Major Overhauling of power units	JSC "Foreign Economic Association "Technopromexport", Russia	• Performance of a complex of works and services for putting into permanent operation of Power Units Nos.1&2 of 55 MW capacity each along with auxiliaries
133.	2006	"Ghorasal" TPP, Bangladesh	Refurbishment and modernization of power units	JSC "Foreign Economic Association "Technopromexport", Russia	• Refurbishment and modernization of Power Units Nos. 1&2 of 50 MW capacity each
134.	2006	SC "Tbilissy HPP", Georgia	Rewinding of generator stator	SC "Tbilissy HPP", Georgia	Dismantling, assembly, testing and commissioning after rewinding of TB-165-2 generator stator type unit No.4
135.	2006	JSC "Rubezhanskiy Cardboard and Package integrated works", Ukraine	Vibration testing	JSC "Rubezhanskiy Cardboard and Package integrated works", Ukraine	• Inspection of generator rotor of Gas turbine unit of upto 25MW capacity by method of vibration testing • Decreasing vibration of rotor bearings by method of vibration testing and dynamic balancing in its own bearings
136.	2006	TPP Zmievskaia, Ukraine	Flaw detection of steam boxes	Public Corporation GEC "Tsentrenergo", Ukraine	• Flaw detection and determination of the possibility of the repairing high pressure valves' boxes of automatic valve gate of steam turbine K-200-130
137.	2006	Kharkov Cogeneration Plant-3, Kharkov, Ukraine	Emergency repair of turbo generator unit	"Teploelektro-tsentral-3" JSC, Ukraine	• Emergency repair of the stator's winding of turbo generator unit type FT 490/60-3000 "Siemens" power 75 MW, station No.5
138.	2006	"Krizhopol Sugar Refinery Plant" Public Company, Ukraine	Inspection and flaw detection of control set	"Krizhopol Sugar Refinery Plant" Public Company, Ukraine	• Inspection and flaw detection of control set of steam turbine P12-35/5M plant No. 9083 adjustment as per plant values on the test bench on the construction yard of SPC "Kharkovenergomont" Ltd.
139.	2006	Kurskaya Cogeneration plant -1, Kursk, Russia	Repair of high voltage electric motors of boiler and turbine halls	OJSC "Energoremont", Moscow, Russia	• Repair of high voltage electric motors of boiler and turbine halls
140.	2006	Kurskaya Cogeneration plant -1, Kursk, Russia	Overhaul of the turbo generator unit	OJSC "Energoremont", Moscow, Russia	• Overhaul of the turbo generator unit TBФ-63-2 station No.3
141.	2006	HPS Kahovskaya, Vyshgorod city, Kyiv region	Repair of hydro generator unit	OJSC "UkrHydroEnergo", Vyshgorod, Kiev Region	• emergency repair of hydro generator unit type CBK-1340/150-96 (Г-4) with the replacement of damaged bars of the stator's winding
142.	2006	JSC "Tashlykyskaya", Ukraine	Erecting of stator's winding	"Electrotyazhmash" Plant, Ukraine	• Complex works on erecting of 5 sectors of hydro generator's stator of the motor CBO 1190/210-44 УХЛ4
143.	2006	AES "Ekibastuz" TPP, Ekibastuz, Kazakhstan	Overhaul of the turbo unit	AES "Ekibastuz" TPP, Ekibastuz, Kazakhstan	• Overhaul of the flaw passage parts of the turbine K-500-240-2 • Overhaul of the automatic control system and steam distribution system of the turbines OK-18ПУ 4A and 4B
144.	2006	HPS Kahovskaya, Vyshgorod city, Kyiv region	Overhaul of the transformer	OJSC "UkrHydroEnergo", Vyshgorod, Kiev Region	• Overhaul of the transformer type ТЦГ-70000/150 station №1
145.	2006	AES "Shulbinskaya GES", Shulbinsk, Eastern Kazakhstan Region, Kazakhstan	Overhaul of the hydro unit	AES "Shulbinskaya GES" Kazakhstan	• Overhaul of the turbine type ПЛ 50-В-850 (ГП 5747 ПС) • Overhaul of the generator type CB 1436/200-80 УХЛ4
146.	2006	"Experimental TPP" public company, Russia	Overhaul of the turbine	"Experimental TPP" public company, Russia	• Overhaul of the turbine type BK-100-2 station №.5 • Metal control of the turbine BK-100-2 station №.5
147.		JSC "Karlovskiy Sugar	Repair of the tur-	JSC "Karlovskiy Sugar Re-	• Replacement of sealings of 4 stages



	2006	Refinery Plant", Ukraine	bine's rotor	finery Plant", Ukraine	of rotor of the turbine AP-6-35/6 with carrying out vibro-adjusting works
148.	2006	CP "Shostkinskaya", the city of Shostka, Ukraine	Overhaul of the turbine	JSC "Shostkateplo" Ukraine	• Overhauling, commissioning and adjustment of the turbine ПТ-60-90 station №5
149.	2006	CP "Shostkinskaya", the city of Shostka, Ukraine	Repairing of con- trol valve	JSC "Shostka-teplo" Ukraine	• Repairing of control valve of the turbine БИТ-25-4 station №3 and adjustment of automat control system
150.	2006	JSC "Zmievskaaya vegetable factory", Ukraine	Adjustment works on the boilers	JSC "Zmievskaaya vegetable factory", Ukraine	• Adjustment of automatic protection systems, alarms of water heating boiler AB-5 № 1,2,3,4,5,6, KBЖ-2,5 No.3, KBFM-20 № 8,9,10 and steam boiler КПЖ-6,5 №7
151.	2006	"Ramin" TPP, Iran	Overhauling of Unit No. 6	LLC "Norman", Russia	Overhaul of the turbine K-315-240 with shoveling of the high pressure part of the rotor, replacement of the nozzle device of high pressure cylinder, taking necessary measures for heat extension of the turbine with putting Polymeric composition "Polizam 05" on the slipping surface of the second support. Overhaul of electric pumps; Overhaul of feed turbo pump; Overhaul of oil pumps Repair of control system
152.	2006	TPS "Obra", India	Reconstruction of Units Nos. 1 & 2	UP Rajya Vidyut Utpadan Nigam Ltd. , India / Tech- nopromexport, Russia	Overhaul of the K-50-90-3 turbine of LMZ design Erecting of high pressure heaters with pipelines binding Overhaul of pump equipment of turbine hall, fuel oil pump house and fire-fighting pump house.
153.	2006	"Krasnoosolskaya" HPP	Reconstruction and moderniza- tion of the Units № 1,2	LLC "Kharkovturbo- engineering", Ukraine	• Restoration of details and systems of the hydro generator type БГС 325/39-28М УХЛ4
154.	2006	TPP "Ghorasal", Bang- ladesh	Overhaul of Turbine and gen- erator	OJSC "Power Machines", the city of Type unit Petersburg, Russia	• Overhaul of the turbine K-55-90-4 • Overhaul of the generator ТВФ-60
155.	2006	OJSC "Byrinskiy Sugar Refinery Plant", Ukraine	Overhaul of the turbine	OJSC "Byrinskiy Sugar Re- finery Plant", Ukraine	• Technical supervision of the over- haul of the steam turbine P-2,5 15/3M
156.	2005	Gubkinskaya Cogene- ration Plant	Assembly and adjustment	OJSC "Heat & Energy Com- pany"	• Assembly, test bench adjustment and testing of load speed regulator AK-12 unit №1
157.	2005	Jamshoro TPS, Pakistan	Overhaul of the power equipment	"Grid Trading Malta", Floriana VLT-15, Malta	• Technical supervision of the over- haul of unit № 3
158.	2005	JSC "Mtkvari Energetika", Gardabani, Georgia	Overhaul of the rotor	JSC "Energomontazhre- mont", Mstsheta, Georgia	• Overhaul of IPC turbine rotor K-300-240 of unit №9
159.	2005	JSC "Tbigres", Georgia	Overhaul of tur- bine and tur- bogenerator	JSC «Elittechnostroy"	• Overhaul of the steam turbine K-160-130 HTGZ of unit №3 • Overhaul of the turbogenerator TVV-165-2 of unit №3
160.	2005	"Orhaneli", Turkey	Emergency repair of turbine	«Ukrenergokomplekt" Ltd	• Emergency repair of turbine K-200-130-6
161.	2005	Tbilisskaya TPS	Rehabilitation r epair of turbine	JSC "Tbilgres", Gardabani, Georgia	• Cleaning of the oil system of unit №4 • Rehabilitation repair of the equip- ment of turbine K-160-130 of unit №4
162.	2005	Kurskaya Cogenera- tion plant –1, Kursk, Russia	Overhaul of tur- bogenerator	OJSC "Energoremont", Mos- cow, Russia	• Overhaul of turbogenerator T-6-2Y3 • Vibration inspection of turbogenera- tor with turbine P-6-35/10M
163.	2005	Luganskaya TPS	Stator winding repair	"Vostokenenergo" Ltd, Ukraine	• Rehabilitation repair of the tur- bogenerator stator winding TGV-200M unit №15
164.	2005	"Uglevik" TPS	Dismantling, ad- justment and mounting of new	OJSC "Power ma- chines", Saint-Petersburg, Russia	• Dismantling, adjustment and mount- ing of new blades of the last stages of LPR



			blades		
165.	2005	Kamyshinskaya TPS	Overhaul of turbine and generator	OJSC "Energoremont", Moscow, Russia	<ul style="list-style-type: none"> Overhaul of turbine PT-12-35 Overhaul of generator of unit №1
166.	2005	JSC "Tbilgres", Georgia	Rehabilitation overhaul of steam turbine	CJSC "Elittechnostroy"	<ul style="list-style-type: none"> Rehabilitation overhaul of steam turbine K-160-130 HTGZ unit №4
167.	2005	Slavianskaya Cogeneration plant, Donetsk region, Ukraine	Substitution of contact rings	OJSC "Donbasenergo", Ukraine	<ul style="list-style-type: none"> Substitution of contact rings of the rotor of turbogenerator TVV-800-2Y3
168.	2005	«Mega-Azov" Ltd, Donetsk Region, Mariupol	Flaw detection of generator's rotor	«Mega-Azov" Ltd, Donetsk Region, Mariupol	<ul style="list-style-type: none"> Flaw detection of rotor of generator TV 2-30-2
169.	2005	Azovstal metallurgy works	Power equipment overhaul	"ImpeksUniversalUkraine" Ltd	<ul style="list-style-type: none"> Power equipment overhaul of the Cogeneration Plant
170.	2005	333 kV Substation «Simferopol"	Overhaul of synchronous compensator	PP Krymskaya	<ul style="list-style-type: none"> Special Works on synchronous compensator KSV-50000/11 unit №2
171.	2005	Novocherkasskaya TPS, Novocherkassk, Georgia	Installation of turbine	OJSC «RE Rostovskoye"	<ul style="list-style-type: none"> Installation of turbine K-300-240 on K-310-23,5-3 Installation of HPC
172.	2005	Kurahovskaya TPS	Substitution of blades	«Vostokenergo" Ltd, Ukraine	<ul style="list-style-type: none"> Substitution of blades of 26,27,30,31 stages of the turbine K-200-130 LMZ unit №6
173.	2005	Kursk Cogeneration Plant No 1, Kursk, Russia	Overhaul of turbogenerator	OJSC "Energoremont", Moscow, Russia	<ul style="list-style-type: none"> Overhaul of turbogenerator TV-2-30-2 Overhaul of turbine T-27-90M Intermediate repair of generator TVF-63-2 unit №3 Emergency repair of brush contact unit of generator TVF-63-2EY3 unit №4

174.	2005	Kursk Cogeneration Plant No 1, Kursk, Russia	Overhaul of high voltage electric motors	OJSC "Energoremont",	<ul style="list-style-type: none"> Overhaul of high voltage electric motors: M-7B 630KW, 750 r/m M-7A 630KW, 750 r/m DB-7A 320KW, 750 r/m DB-7B 320KW, 750 r/m Substitution of in-built frictionless bearings
175.	2005-2006	OJSC " UkrHydro-Energo", Vyzhgorod, Kiev Region	Reconstruction of hydro units	OJSC " UkrHydroEnergo", Vyzhgorod, Kiev Region	<ul style="list-style-type: none"> Controlling the terms and quality of manufacturing the items and units for the reconstruction of hydro-units
176.	2005	HPS Kahovskaya, Vyzhgorod city, Kyivska region	Reconstruction of the basic and auxiliary equipment	OJSC " UkrHydroEnergo", Vyzhgorod, Kiev Region	<ul style="list-style-type: none"> Reconstruction of the basic and auxiliary equipment
177.	2005	Dneprodzerzhinskaya HPS, Dneprodzerzhinsk, Ukraine	Reconstruction of hydrogenerator	OJSC " UkrHydroEnergo", Vyzhgorod, Kiev Region	<ul style="list-style-type: none"> Reconstruction of hydrogenerator unit №4 Substitution of the stator's winding of the type SV-1500/110-116, 44 MW, unit №4
178.	2005	"YuzhMash" Plant, Dnepropetrovsk, Ukraine	Overhaul of the steam turbine of the Plants' cogeneration station	"YuzhMash" Plant, Dnepropetrovsk, Ukraine	<ul style="list-style-type: none"> Overhaul of the AT-25 turbine
179.	2005	JSC "TbilTPP", Georgia	Rehabilitation of the control system of the turbine No. 3 JSC "TbilTPP"	JSC "TbilTPP", Georgia	<ul style="list-style-type: none"> Overhaul of the control system of the K-160-130 turbine XT3 Adjustment of the control system work in compliance with design characteristics, balancing and commissioning.
180.	2005	"Stavrolen" Ltd., Budennovsk, Russia	Reconstruction of the steam turbine's control system	CJSC "System GAS" Saint-Petersburg, Russia	<ul style="list-style-type: none"> Manufacturing of the spare parts required to rehabilitate the control system for the HG -32-20-30-3 steam turbine of Siemens design.
181.		CP Chernigovskaya, the city of Chernigov, Ukraine	Overhaul of the turbine, Unit No. 3	"TechNova" Ltd. the city of Kiev, Ukraine	<ul style="list-style-type: none"> Overhaul of the T-100/120-130 YTM3 turbine with replacement of HPC nozzle block, supply and re-



	2004				blading of the turbine stage No. 26; • Technical diagnostics of HP, LP feeding pumps and raw water feeding pump and pipelines
182.	2004	CP Rostovskaya – 2, the city of Rostov-na-Donu, Russia	Overhaul of the LP Cylinder of the turbine, Unit No. 2	OJSC "Rostovenergo", OJSC «Repair Company Rostov-skoye», Russia	• Overhaul of the ПТ-80-130 turbine of LMZ design with dismantling of LPC and re-blading of the turbine No. 2
183.	2004	TPP Kurakhovskaya, Ukraine	Overhaul of the turbine, Unit No. 7	"Vostokenergo" Ltd., Ukraine	• Re-blading of LP Cylinder's rotor of the K-200-130 turbine of LMZ design with replacement of the turbine stages Nos. 27 and 31.
184.	2004	TPP Kurakhovskaya, Ukraine	Overhaul of the turbine, Unit No. 4	"Vostokenergo" Ltd., Ukraine	• Re-blading of LP Cylinder's rotor of the K-200-130 turbine of LMZ design with replacement of the turbine stages Nos. 26, 27, 30 and 31.
185.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Overhaul of the turbine and generator, Unit no. 4	OJSC "Kurskenergo", OJSC "Energoremont"	• Overhaul of the ПТ-65/75-90/13 turbine; • Overhaul of the ТВФ-63-24В3 generator.
186.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Repair of the turbine and generator, Unit	OJSC "Kurskenergo", OJSC "Energoremont", Russia	• Repair of the ПТ-60-90/13 turbine; • Repair of the ТВФ-63-2 generator.
187.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Repair of the turbine and generator, Unit No. 2	OJSC "Kurskenergo", OJSC "Energoremont", Russia	• Repair of the T-27-90M turbine; • Repair of the TB-2-30-2 generator.
188.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Repair of the electric engines, auxiliary equipment of the turbine and boiler room	OJSC "Kurskenergo", OJSC "Energoremont", Russia	• Overhaul and current repair of the 0,4 и 6,6 кV electric engines of the turbine and boiler room

189.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Repair of the rotating equipment of the turbine and boiler room	OJSC "Kurskenergo", OJSC "Energoremont", Russia	• Vibration-and-adjusting works on the rotating equipment in the turbine and boiler rooms.
190.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Overhaul of the standby generator rotor	OJSC "Energoremont", the city of Moscow, Russia	• Overhaul of the TB-60-2 rotor generator
191.	2004	CP Kurskaya – 1, the city of Kursk, Russia	Overhaul of the block transformer	OJSC "Energoremont" the city of Moscow, Russia	• Overhaul of the ТДТН-80000/110 with selector and PC-3 contactor.
192.	2004	CP Volgodonskaya – 2, the city of Volgodonsk, Russia	Overhaul of the turbine, Unit No. 2	OJSC "Rostovenergo", JSC "Repair Company Rostovskoye", Russia	• Overhaul of the IP Cylinder of the turbine T-100-130 УТМ3
193.	2004	Metal Works "Kryvorozhstal", the city of Kryvoj Rog, Ukraine	Overhaul of the PT-69-90/13 turbine type unit № 9	JSC Mittal Steel Kryviy Rih, Ukraine	• Overhaul of the PT-69-90/13 turbine type unit № 9 with the replacement of the "Be-Be" muff
194.	2004	Metal Works "Kryvorozhstal", the city of Kryvoj Rog, Ukraine		JSC Mittal Steel Kryviy Rih, Ukraine	• Overhaul of the VKV-22-1 turbine type unit № 15 with the replacement of condenser pipes
195.	2004	CP Kremenchugskaya, the city of Kremenchug, Ukraine	Emergency repair of the generator, Unit No. 3	OJSC "Poltava-oblenergo", Ukraine	• Emergency repair of the 60 MW generator of Skoda design, Czechia, disassembling, overhauling and reassembling of low rods of the generator stator winding
196.	2004	CP Darnitskaya, the city of Kiev, Ukraine	Overhaul of the boiler pulverizing systems, Unit No. 6	"TechNova" Ltd., the city of Kiev, Ukraine	• Overhaul of the pulverizing systems 6A5.
198.	2004	CP Darnitskaya, the city of Kiev, Ukraine	Overhaul of the boiler pulverizing systems, Unit No. 9	"TechNova" Ltd., the city of Kiev, Ukraine	• Overhaul of the pulverizing systems 9A5; cyclones and separators, raw coal storage bin • Replacement of the journal bearing • Replacement of the front and rear half of the crown gear • Replacement of the journal and



					journal-thrust bearings MB-9A5; • Replacement of the turbine impeller MB-9A5
199.	2004	CP Chernigovskaya, the city of Chernigov, Ukraine	Overhaul of the boiler, Unit No. 2	"TechNova" Ltd., the city of Kiev, Ukraine	• Reconstruction of the БК3-210-140NT boiler burners; • Upgrading of the boiler pulverizing systems.
200.	2004	CP Chernigovskaya, the city of Chernigov, Ukraine	Emergency repair of the turbine, Unit No. 3	"TechNova" Ltd., the city of Kiev, Ukraine	• Replacement of the raw water • T-pipe ahead of the T-100/130-3 turbine and development of the repair process
201.	2004	Industrial Complex JSC "Salavatneftegas-synteZ, the city of Salavat, Russia	Reconstruction of the Control Systems	"Systema GAS" Company, the city of Type unit Petersburg, Russia	• Manufacture of the parts required for the reconstruction of the Automatic Control systems of the steam turbine K-15-41-1 with drive designed by Nevskiy Plant by Lenina and steam turbine 103JT with drive of Mitsubishi design.
202.	2004	Metal Works "Kryvorozhstal", the city of Kryvoj Rog, Ukraine	Reconstruction of the Control System of the turbine blower, Unit No. 12 Co-generation Plant-3	"Compressor Controls Corporation", USA	• Reconstruction of the Control System of the T-30 turbine blower No. 12 with replacement of the automatic control system by electro-hydraulic system.

203.	2004	HPP Dnieprodzerzhinskaya, the city of Dnieprodzerzhinsk, Ukraine	Overhaul of the hydro-generator, Unit No. 3	OJSC "Dniepr-hydroenergo", Ukraine	• Reconstruction of the CB-1500/110-116M hydro-generator and replacement of the stator winding.
204.	2004	Simferopol'skaya substation, 330 kV, Ukraine	Overhaul of the KCB-50000/11 synchronous compensator	Crimea Power Grid, National Power Company "Ukren-ergo", Ukraine	• Overhaul of the KCB-50000/11 synchronous compensator station № 1
205.	2004	TPP Zuevskaya, Ukraine	Manufacturing of two numbers of end bushing for TTB-300 generator stator	OJSC "Vostokenergo" Ukraine	• Manufacturing of two numbers of end bushing for the TTB-300 generator stator.
206.	2004	TPS Burshtynskaya Ukraine	Manufacturing of six numbers of end bushings for TTB-200 generator stator	OJSC "Zapadenergo", Ukraine	• Manufacturing of six numbers of end bushings for the TTB-200 generator stator.
207.	2004	TPS "Obra", India	Reconstruction of Units Nos. 1 & 2	UP Rajya Vidyut Utpadan Nigam Ltd. , India / Technopromexport, Russia	• Overhaul of the K-50-90-3 turbine of LMZ design; • Upgrading of auxiliary equipment for the turbine and generator; • Reconstruction of the TVF-60 generator of "Electrocila" design, Russia along-with the replacement of the insulation for Class "F".
212.	2003	TPP "Shachzi-Bazar", Bangladesh	Overhaul of the turbine generator	Bangladesh Power Development Board	• Overhaul of the 200 MW generator of Unit No. 4, (Unit No. 15 MW each one produced by "Alstom" Company, France, including dismantling of the turbine rotor blades
208.	2003	TPP "Sisak", Croatia	Overhaul of the turbine generator	Bangladesh Power Development Board	• Overhaul of the 200 MW generator of Unit No. 2 of 25 MW produced by "Alstom" Company, including replacement of the turbine rotor blades
213.	2003	TPP "Shachzi-Bazar", Bangladesh	Overhaul of the gas-turbine	TPP "Novochoerkasskaya" Russia	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
209.	2003	TPP "Novochoerkasskaya", the city of Novochoerkassk, Russia	Overhaul of the turbine, Unit No. 4	"GRID TRADING Malta Ltd.", Malta	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
214.	2003	TPP "Novochoerkasskaya", the city of Novochoerkassk, Russia	Overhaul of the turbine, Unit No. 1	TPP "Novochoerkasskaya" Russia	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
210.	2003	TPP "Novochoerkasskaya", the city of Novochoerkassk, Russia	Overhaul of the turbine, Unit No. 1	"GRID Pakistan (Private) Ltd." Company, Pakistan	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
215.	2003	TPP "Novochoerkasskaya", the city of Novochoerkassk, Russia	Overhaul of the turbine, Unit No. 1	"GRID Pakistan (Private) Ltd." Company, Pakistan	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
211.	2003	"Kryvorozhstal", the city of Krivoi Rog, Ukraine	Overhaul of the boilers Nos. 2, 3	"Kryvorozhstal", Metallurgical Industrial	• Overhaul of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)
216.		"Kryvorozhstal", the city of Krivoi Rog, Ukraine	Assembly of the turbob-	"Kryvorozhstal", Metallurgical Industrial	• Assembly of the 210 MW Unit No. 4 (Rebuilt generator K-500-200MW and Automatic)



	2003	Ukraine	lower	Plant, Ukraine	
217.	2003	CP "Shostkinskaya", the city of Shostka, Ukraine	Overhaul of the turbine gen- erator	CP "Shostkinskaya" Ukraine	<ul style="list-style-type: none"> Overhaul of the AT-6-II turbine generator No. 2 and VPT-25-4 turbine generator No. 3
218.	2003	CP "Kramatorskaya", the city of Kramatorsk, Ukraine	Overhaul of the turbine gen- erator	CP "Kramatorskaya" Ukraine	<ul style="list-style-type: none"> Overhaul of the PT-60-90/13 turbo unit of LMZ design.

219.	2003	OJSC "Bagleykoks", the city of Dneprodzerzhinsk, Ukraine	Assembly of the turbine unit	OJSC "Bagleykoks" Ukraine	<ul style="list-style-type: none"> Assembly, balancing and commissioning of the PR-6-3/5 turbo unit
220.	2002	Novocherkasskaya TPP, the city of Novoche- rassk, Russia	Overhaul of the turbine, Unit No 5	RAO "EES", Russia	<ul style="list-style-type: none"> Replacement of the K-300-240 HTGZ turbine of 300 Mw capacity and installation of a new one of the similar capacity.
221.	2002	"Krivorozhstal", the city of Krivoi Rog, Ukraine	Overhaul of the turbine, unit No 9	KGMK "Krivorozhstal", Ukraine	<ul style="list-style-type: none"> Overhaul of the PT-60-90/13 turbine of LMZ design
222.	2002	AES "Ekibastuz" TPP, Ekibastuz, Kazakhstan	Overhaul of the of unit No. 3	AES "Ekibastuz" TPP, Ka- zakhstan	<ul style="list-style-type: none"> Overhaul of governing and steam distribution system for turbine K-500-240-2 (Unit No. 3) of "Turboatom" design, Ukraine
223.	2001	AES "Shulbinskaya GES", Shulbinsk, Eastern Kazakhstan Region, Kazakhstan	Overhaul of the hydro unit No. 1	AES "Shulbinskaya GES" Kazakhstan	<ul style="list-style-type: none"> Overhaul of ПЛ 50-B-850 turbine 120 MW; Overhaul of CB 1436/200-80 УХЛ4 generator; Adjustment and commissioning after repair.
202.	2001	"AES Khrami" JSC, Georgia	Overhaul of the hydro unit No. 1	"AES Khrami" JSC, Georgia	<ul style="list-style-type: none"> Repair of the executor, generator stator and rotor; Repair of the flow path of turbine (45 MW capacity), oil pump unit, slide gate, thrust bearing including pilot bearing etc.
203.	2000- 2001	Kharkov Co- generation Plant-3, Kharkov, Ukraine	Assembly of the turbine	"Teploelektro-tsentral-3" JSC, Ukraine	<ul style="list-style-type: none"> P-24-6.5/0.25 turbine assembly: civil-engineering and installation work; Overhauling of stator winding for "Siemens Schuckert" 24 MW turbine generator, unit No. 5, type FT 490/60-3000.
204.	2000	"Bratskaya" Cogenera- tion Plant, Russia	Overhaul of CPKA-1560 boiler	"Irkutsk-energo" JSC, Rus- sia	<ul style="list-style-type: none"> Replacement of I and II stage steam superheaters (124 t)
205.	2000	"Aleksandriyskaya" Co-generation Plant, Ukraine	Assembly of the turbine	"Kirovograd-energo" JSC, Ukraine	<ul style="list-style-type: none"> Assembly of P-12-90 turbine, KTZ design, Russia
206.	2000	Simpheropolskaya Co- generation Plant, Ukraine	Overhaul of the turbine	OJSC "Crimea-energo"	<ul style="list-style-type: none"> Overhaul of the K-50-90-4 turbine, LMZ design, and its auxiliary equipment
207.	2000	Gardabani TPP, Georgia	Rehabilitation of Unit No. 9	AES "Mtkvari LLC" Georgia	<ul style="list-style-type: none"> Overhauling of K300-240-3 300 MW turbine (production of LMZ, Russia): Repair of HPC, IPC and LPC, bearing supports; Repair of turbine steam distribution and control system; Repair of turbine oil system. Overhaul of TBB-320 320 MW generator (production of "Electrosila" JSC, Russia) Repair of generator excitation system Water-steam-oxygen washing of boiler and pipelines Overhauling of ПЭ 600-300-3 feed-water electric pump and ПН-1135-340-1turbine feed pump, including OP12-ПМ drive turbine Assembly of instrumentation system in boiler unit "hot box" Elaboration of design of turbine heat insulation system;



					<ul style="list-style-type: none"> • Disassembly and assembly of turbine heat insulation, main and auxiliary pipelines; • Repair and adjustment of modular demineralizing plant.
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In addition to assembling, upgrading, rehabilitation and repair works we arranged supply of equipment, spare parts, instruments, materials and tools from Ukrainian (OJSC "Turboatom", "Vodoterm" Company, OJSC "Electrotermia", JSC "Interconditioner"), Russian (JSC "Leningrad Metal Work" (LMZ), OJCS "Electrosila"), Estonian (JSC "Virussky Gas-analyzer Plant"), German (KSR KUEBLER NIVEAU MESSTECHNIC AG, Endres+Hauser GmbH + Co, K.A.B. Kraftwerks und Anlagenbau GmbH), British (NISCO International Limited), Turkish (AKSAN-IS-TICARET) and other suppliers.

**LIST
OF POWER-GENERATING PROJECTS WHICH
KHARKOVENERGOREMONT LTD. SUPPLIED WITH
EQUIPMENT, SPARE PARTS, MATERIALS AND TOOLS IN 2000-2011**

Sr. No	Year	Project	Project Description	Customer	Supplies
1.	2011	DMCH ABADAN plc., Kazakhstan	The delivery of the repair gear	DMCH ABADAN plc.	The delivery of the special-purpose gear for the repair of the isolation valves
2.	2011	Moldavskaya SDPP CJSC, Republic of Moldova	The delivery of the repair gear	Moldavskaya SDPP CJSC	The delivery of the special-purpose gear for the repair of turbine and boiler equipment
3.	2011	Ukrenergochermet OJSC PTP, Ukraine	The delivery of the special-purpose equipment	OJSC PTP Ukrenergochermet	The delivery of the special-purpose equipment for the boiler repair
4.	2011	Zuevskaya TPP SC, Ukraine	The delivery of the repair gear	Zuevskaya TPP SC	The delivery of the special-purpose gear and original equipment for the turbine and boiler repair
5.	2011	SredAzEnergomon-tazh JSC, Kazakhstan	The delivery of the special-purpose equipment and gear	SredAzEnergomon-tazh JSC	The delivery of the special-purpose gear and original equipment for the turbine and boiler repair
6.	2010	Khersonskaya TPP PJSC	The delivery of the repair gear	Khersonskaya TPP PJSC	The delivery of the special-purpose repair gear and devices for the repair of power equipment
7.	2010	Belotserkovskaya TPP PJSC	The delivery of the tools	Belotserkovskaya TPP PJSC	The delivery of the tools for the turbine repair
8.	2010	TPP Zuevskaya		"Vostokenergo" LLC	Manufacturing and delivery of chamfering machine and devices for gate valve reseating
9.	2010	CJSC "Konkurent"		CJSC "Konkurent"	Manufacturing and delivery of chamfering machine



Sr. No	Year	Project	Project Description	Customer	Supplies
10.	2010	OJSC "Zarubezhenergostruj", Russia		OJSC "Zarubezhenergostruj", Russia	Manufacturing and delivery of chamfering machine
11.	2010	"Luganskay TPS", Ukraine		"Vostokenergo" LLC, Ukraine	Manufacturing and delivery of rigging and tools
12.	2010	JSC "Trest Sredazenergomontazh", Kazakhstan		JSC "Trest Sredazenergomontazh", Kazakhstan	Manufacturing and delivery of rigging and tools
13.	2009	Luganskaya TPP, Ukraine		«Vostokenergo» Ltd., Ukraine	Manufacturing and supplies of devices, tackle and equipment.
14.	2009	JSC «Tbilisskaya GRES», Gardabani city, Georgia		JSC «Tbilisskaya GRES», Gardabani city, Georgia	Supply of Viscosimetr ВУ-М-ПХП for the viscosity detection of the fluid medium, its viscosity can not be detected by GOST 33 (1 pcs.)
15.	2009	TPP «Barh», India		JSC «Foreign Economic Association «Technopromexport» Russia	Manufacturing and supplies of the embedded parts for the supporting metal construction RVP
16.	2009	Zuevskaya TPP, Ukraine		«Vostokenergo» Ltd., Ukraine	Manufacturing and supplies of devices, tackle and equipment.
17.	2009	"Energomash" Ltd., Ukraine		"Energomash" Ltd., Ukraine	Manufacturing and supplies of devices, tackle and equipment.
18.	2009	CJSC «Pozitron-Energo», Russia		CJSC «Pozitron-Energo», Russia	Manufacturing and supplies of devices, tackle and equipment.
19.	2009	JSC «Tbilisskaya GRES», Gardabani city, Georgia		JSC «Tbilisskaya GRES», Gardabani city, Georgia	Supply of the bushes for the electric machines EG-4 (500 pcs.)
20.	2009	Kyevskaya HPS, Ukraine		OJSC «Ukrgidroenergo», Ukraine	Manufacturing of the high-voltage bushings in the quantity of 3 pcs. for generator CFK 538-160/70M
21.	2009	CJSC «Moldavskaya GRES», Moldova		CJSC «Moldavskaya GRES», Moldova	Manufacturing and supplies of devices, tackle and equipment.
22.	2008	Moldavskaya HPS, Moldova		CJSC «Moldavskaya HPS», Moldova	Manufacturing and supplies of devices, tackle and equipment.
23.	2008	JSC "Yantarenergo", Russia		JSC "Yantarenergo", Russia	Manufacturing and supplies of devices, tackle and equipment.
24.	2008	Slavyanskaya TPS, Ukraine		JSC "Donetskeneregomont", Ukraine	Production and supply of spare parts for turbine overhaul performing.
25.	2008	TPS "Bar", India		JSC "Foreign Economic Association TECHNOPROMEXPORT"	Production and supply of embedded parts for supporting metalworks of regenerative air heater
26.	2008	Luganskaya TPS, Ukraine		"Vostokenergo" ltd, Ukraine	Manufacturing and supplies of devices, tackle and equipment.
27.	2008	JSC "Energiya", Ukraine		JSC "Energiya", Ukraine	Manufacturing and supplies of devices, tackle and equipment.
28.	2008	JSC "Zolotoe secheniye-2008", Ukraine		JSC "Zolotoe secheniye-2008", Ukraine	Manufacturing and supplies of devices, tackle and equipment.
29.	2008	Kurakhovskaya TPS		"Vostokenergo" ltd, Ukraine	Manufacturing and supplies of devices, tackle and equipment.
30.	2008	"Spetsenergomontazh" ltd., Donetsk		"Spetsenergomontazh" ltd., Donetsk	Manufacturing and supplies of devices, tackle and equipment.
31.	2008	Luganskaya TPS		"Vostokenergo" ltd, Ukraine	Manufacturing and supplies of devices, tackle and equipment.
32.	2008	Kurakhovskaya TPS		"Vostokenergo" ltd, Ukraine	Manufacturing and supplies of devices, tackle and equipment.



Sr. No	Year	Project	Project Description	Customer	Supplies
33.	2008	Zuyevskaya TPS		"Vostokenergo" Ltd, Ukraine	Manufacturing and supplies of devices, tackle and equipment.
34.	2008	Starobeshevskaya TPS		OJSC «Donbassenergo», Ukraine	Manufacturing and supplies of devices, tackle and equipment.
35.	2008	Shardarinskaya TPS		JSC «Shardarinskaya HPS», YuKO, The city of Shardarina	Manufacturing and supplies of devices, tackle and equipment.
36.	2008	Moldavskaya HPS		CJSC «Moldavskaya HPS», Moldova	Manufacturing and supplies of devices, tackle and equipment.
37.	2008	Uglegorskaya TPS		OJSC «SEC Tsentrenergo», Ukraine	Manufacturing and supplies of devices, tackle and equipment.
38.	2008	SPC "Eksimmash" Ltd. Ukraine		SPC "Eksimmash" Ltd. Ukraine	Manufacturing and supply of bushings for turbo generators, 12 pcs.
39.	2008	KONČAR-GENERATORS & MOTORS Inc. Zagreb, The Republic of Croatia		KONČAR-GENERATORS & MOTORS Inc. Zagreb, The Republic of Croatia	Manufacturing and supply of bushings for turbo generators, 9 pcs.
40.	2008	Production and Commercial Centre "Energoremont" Ltd., Irkutsk, Russia		Production and Commercial Centre "Energoremont" Ltd., Irkutsk, Russia	Manufacturing and supplies of devices, tackle and equipment.
41.	2008	SE "IA YuMZ", Ukraine		SE "IA YuMZ", Ukraine	Supply of spare-parts.
42.	2008	Chernigovskaya CHP		"Tekhnova Company" Ltd., Ukraine	Manufacturing and supplies of devices, tackle and equipment.
43.	2008	Kievskaya HPS		OJSC«Ukrenergo», Ukraine	Manufacturing and supply of bushings for turbo generators, 6 pcs.
44.	2005	"Stavrolen" Ltd., Budennovsk, Russia	Reconstruction of the steam turbine's control system	CJSC "System GAS" Saint-Petersburg, Russia	<ul style="list-style-type: none"> Supply of the spare parts required to reconstruct the HG-32-20-30-3 steam turbine's control system of Siemens design.
45.	2004	CP Darnitskaya, City of Kiev, Ukraine	Overhaul of steam turbines	JSC "UkrKanPower" Kiev	<ul style="list-style-type: none"> Supply of spare parts for Control Systems of ПТ-60-90/3 steam turbines of LMZ design.
46.	2004	CP Chernigovskaya, City of Chernihov Ukraine	Overhaul of the T-100/120-130-3 turbine of UTMP design	"TechNova" Ltd., the city of Kiev, Ukraine	<ul style="list-style-type: none"> Supply of the turbine blades of the stage No. 26 for the T-100/120-130-3 turbine of UTMP design.
47.	2004	TPP Kurakhovskaya Rurahovo city Ukraine	Overhaul of the K-200-130 turbine, LMZ	"Vostokenergo" Ltd. city of Donetsk, Ukraine	<ul style="list-style-type: none"> Supply of the turbine blades of the stage No. 31 for the K-200-130 turbine of LMZ design.
48.	2004	TPP "Ghorasal", Bangladesh	Overhaul of the heat-and-power equipment for Unit No. 4	OJSC "Power Machines", the city of Type unit Petersburg, Russia	<ul style="list-style-type: none"> Supply of the instruments, equipment, appliances, Instrumentation and Control devices for the Unit of 200 MW
49.	2004	Industrial Complex JSC "Salavatneftegassintez, the city of Salavat, Russia	Rehabilitation of the steam turbines' control system	CJSC "System GAS" the city of Type unit Petersburg, Russia, "CCC" Company, USA	<ul style="list-style-type: none"> Manufacturing and supply of the spare parts required to rehabilitate CAP turbine.
50.	2003	Metallurgical Work "PAKISTAN STEEL MILLS CORPORATION LTD", Karachi, Pakistan	Repair of metal-working equipment	"GRID Trading Malta Ltd", Pakistan	<ul style="list-style-type: none"> Supply of flying shears' knives for metal-working equipment
51.	2003	"KONČAR Generators and Motors Inc.", Zagreb, Croatia	Overhaul of TF-100 turbine generator	"KONČAR Generators and Motors Inc.", Croatia	<ul style="list-style-type: none"> Supply of end bushings for the TF-100 thermal power plant's turbine generator
52.	2003	TPP "Sysak", Republic of Croatia	Overhaul of the TFB-2009 turbine generator	"ELOB-EKLECTRO OBJEKTI d.o.o." Croatia	<ul style="list-style-type: none"> Supply of the spare parts for the turbine generator TFB-2009



Sr. No	Year	Project	Project Description	Customer	Supplies
53.	2002	AES "Shulbinskaya GES", Shulbinsk, Kazakhstan	Overhaul of hydro unit No. 2	AES "Shulbinskaya GES", Kazakhstan	<ul style="list-style-type: none"> Supply of spare parts and materials from Ukraine for overhaul of water-wheel generator CB 1436/200-80УХЛ4 and water turbine ПЛ 50-В-850, unit No. 2

FEASIBILITY STUDIES OF POWER PLANTS CONDUCTED BY KHARKOVENERGOREMONT

No.	Project	Country	Capacity, MW	Fuel	Year	Remark
1.	Performance of a complex of works and services at "Obra" TPS, India	India	55	Coal	2006	Project Process part analysis and development of time-schedules, diagrams, and methods of testing and commissioning performance on those grounds
2.	Rendering of a complex of services at JSC "Tbilissy HPP", Georgia	Georgia	2*160	Gas	2006	Technical counseling during operation of equipment of power units of 160 MW capacity
3.	Rehabilitation of unit No. 9 at Tbilissi Thermal Power Plant (TPP)	Georgia	300	gas, mazut	1999	Provision the Customer with the materials for preparing tender proposal
4.	Rehabilitation of two units at TPP "Ghorasal" by order of TPE, Russia	India	2 x 50	gas, mazut	1999 – 2000	Performing flaw detection and provision the Customer with the materials for preparing tender proposal
5.	Rehabilitation of five units at TPP "Obra" by order of TPE, Russia	India	5 x 50	coal, mazut	2000 – 2001	Performing flaw detection and provision the Customer with the materials for preparing tender proposal
6.	Inspection of the turbine and generator of unit No. 4 TPP "Ramin"	Iran	300	gas	2001	Post-repair inspection for controlling the quality of the performed repair works



7.	Reconstruction of district boiler house in Kabul city for further construction of power plant.	Afghanistan	24	oil	2003	Provision the Customer with the materials for preparing tender proposal
8.	Rehabilitation of Hydro Power Plant "Darunta" and "Puli Khumri"	Afghanistan	2 x 12	water re-sources	2003	Provision the Customer with the materials for preparing tender proposal
9.	Construction of power unit at TPP "Siddhirganj"	Bangladesh	200	gas	2003	Provision the materials for the Consortium
10.	Rehabilitation of HPS "Naglu"	Afghanistan	84	water re-sources	2003	Provision the Customer with the materials for preparing tender proposal
11.	Inspection of power unit No. 3 at TPP "Guddu"	Pakistan	200	gas, mazut	2003	Performing flaw detection and provision the Customer with the materials for preparing tender proposal
12.	Rehabilitation of 110 kV power transmission line Kabul – HPS "Naglu"	Afghanistan	-	-	2004	Performing flaw detection and provision the Consortium with the materials for preparing tender proposal
13.	Scope of services at SE «PC «A.M. Makarov South Machine Works» CHP	Ukraine				Working out of operation documentation on modernization of the turbo set АП-25-2 st. No. 2 for operation with decreased pressure in controlled extract 2-4 atm.

We look forward to effective cooperation in the field of engineering, assembly and repair of power-generating equipment.

Our specialists are always ready to come to you to carry out preliminary inspection and make all necessary arrangements of the mutual projects.

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