



REFERENCES



REFERENCES



YEAR	CLIENT	LOCATION	PROJECT
Ongoing	Eco Technologia	Lubań, Lenkija	Fuel supply equipment and ash removal system for a 5 MW biomass boiler.
Ongoing	Lutskteplo	Lutsk, Ukraine	Supply and installation of a flue gas condenser for a biomass boiler in order to improve the provision of centralized heat supply services in the city of Lutsk.
Ongoing	UAB Kurana	Pasvalys, Lithuania	Production capacity expansion project involving the installation of a 10 t/h, 16 bar saturated steam biomass boiler, including auxiliary equipment, a fuel feeding system, a biomass combustion furnace, flue gas cleaning and ash removal systems, and a flue gas condensing economizer.
Ongoing	SEC Zgorzelec	Zgorzelec, Poland	Supply of technological equipment for a 2 × 12.5 MW biomass hot-water boiler plant, including the fuel feeding system, biomass combustion grates, and the flue gas cleaning and ash removal systems.
Ongoing	Visagino Eneigija	Visaginas, Lithuania	General construction works for a 1.2 MWe biomass cogeneration plant, including the construction of the boiler house building, the fuel handling facility, the turbine hall, the installation of utilities, and site landscaping works.
Ongoing	PGE Energia Ciepła SA Gdynia	Gdynia, Poland	Supply of equipment for a 2 × 15 MW biomass hot-water boiler plant, including a fuel feeding system with grab cranes, biomass combustion grates, and the flue gas cleaning and ash removal systems.
Ongoing	PEC Suwałki	Suwałki, Poland	Supply of technological equipment for a 2 × 18.5 t/h biomass steam boiler plant, including two biomass combustion furnaces, a complete fuel handling system, flue gas cleaning equipment, a flue gas condensing economizer system, and an ash handling and removal system.
Ongoing	MPGK Włodawa	Włodawa, Poland	6 MW biomass water heating boiler plant: supply of fuel handling and ash removal equipment, engineering, supervision of installation and start-up/adjustment works.
2026	PEC Chiechanow	Ciechanow, Poland	Supply of technological equipment for an 8 MW biomass hot-water boiler plant, including the fuel feeding system, biomass combustion grate, ash removal system, and the flue gas condenser.
2025	Klaipėdos energija	Klaipėda, Lithuania	Modernization of a 19.6 MW biomass boiler plant by upgrading the furnace: installation of primary air preheaters, new generation burners, and advanced combustion air control, ensuring more efficient SM3 fuel combustion and more stable heat production.

YEAR	CLIENT	LOCATION	PROJECT
2025	UAB Gren Lietuva	Marijampolė, Lithuania	Supply of equipment for a 5 MW biomass hot-water boiler plant, including the biomass furnace, the hot-water boiler, and the flue gas cleaning and ash removal systems.
2025	Grigeo	Vilnius, Lithuania	Technological and technical condition audit of a 17.5 MW biomass steam boiler plant.
2025	SEFAKO	Slupsk, Poland	Reconstruction of a coal-fired boiler into a biomass boiler plant. Supply of furnace and auxiliary equipment.
2024	SPGK Sp. z o.o. w Sanok	Sanok, Poland	7 MW biomass water heating boiler plant: supply of fuel handling system, furnace, boiler and ash removal systems. Equipment start-up/adjustment works.
2024	SIA Powerhouse Sarkandaugava	Sarkandaugava, Latvia	Design and equipment supply works for a 52 MW biomass water heating boiler plant: fuel handling system, 2 furnaces, 2 x 20 MW boilers, 2 x 4 MW flue gas condensers and flue gas cleaning system. Equipment start-up/adjustment works.
2023	Rygas Bioenerģija	Riga, Latvia	40 MW biomass boiler plant: fuel handling systems and combustion product removal equipment supply, engineering, installation supervision and start-up/adjustment works.
2023	SIA Gaujas Koks	Jekabpils, Latvia	15 MW biomass water heating boiler with furnace and an electrostatic precipitator equipment supply, installation, start-up/adjustment works.
2023	MPEC Łomża	Lomza, Poland	3.2 MWe biomass CHP: supply of fuel handling system, PKS-15 furnace, 17 t/h steam boiler, flue gas condenser and ash removal systems. Equipment start-up/adjustment works.
2023	Megatem EC-Lublin	Lublin, Poland	11,7 MWe biomass CHP: 50 MW boiling bed boiler (manufacturer KPA Unicon), steam pressure 68 bar(a), T=490C°, boiler capacity – 55.8 t/h, 2 flue gas condensers, supply of fuel handling, ash removal and flue gas treatment systems. Equipment start-up/adjustment works.
2023	ECO RAVEN	Kostrzyn nad Odra, Poland	Biomass transportation systems for 30 t/h biomass steam boiler plant.
2023	PEC Chiechanow	Ciechanow, Poland	1.2 MWe biomass CHP: supply of fuel handling system, PKS-12 furnace, 15 t/h steam boiler, flue gas condenser and ash removal systems. Equipment start-up/adjustment works.
2023	MPEC Lembork	Lembork, Poland	5.1 MW biomass boiler plant: supply of fuel handling systems, furnace, 5.1 MW water heating boiler and ash removal systems. Equipment start-up/adjustment works.
2023	GS SERVICE LLC	Okhtyrka, Ukraine	Supply of equipment for 2x20 MW biomass water heating boiler plant: 2 fuel warehouses with fuel handling system, 2 furnaces, 2 water heating boilers, 4 multicyclones and ash removal system. Maintenance of equipment installation, start-up/adjustment works.

YEAR	CLIENT	LOCATION	PROJECT
2021	PAS Daugavpils siltumtikli	Daugavpils, Latvia	36 MW biomass boiler plant project: 4 x 7.5 water heating boilers, 2 x 3 MW flue gas condensers. Project construction, equipment supply and start-up works.
2020	PEC Suwałki	Suwałki, Poland	Construction of a 30 MW biomass water heating boiler plant, including installation of 2 x 12.5 MW biomass water heating boilers, furnace, 5 MW flue gas condenser, fuel handling and storage systems, ash removal and flue gas cleaning equipment.
2020	Panevėžio energija	Panevėžys, Lithuania	Construction of a 8 MW biomass water heating boiler plant with a 1.8 MW flue gas condenser.
2019	Litesko Marijampolė branch	Marijampolė, Lithuania	Assembly of 2 x 15 MW gas and liquid fuel-fired water heating boilers with flue gas condensers.
2019	Klaipėdos energija	Klaipėda, Lithuania	2 x 8 MW biomass water heating boilers with 2 x 1.8 MW flue gas condensers. Flue gas cleaning using multicyclones and an electrostatic precipitator.
2019	Forest Investment	Vilnius, Lithuania	Construction of a 48 MW boiler plant by installing 2 x 20 MW biomass boilers with two flue gas condensers with a capacity of at least 4 MW.
2018	Hella	Kaunas, Lithuania	Construction of the first module of Hella plant. 11,000 m ² of industrial and office premises, built on the 8.9 ha land parcel in the Kaunas Free Economic Zone.
2018	NEO GROUP	Klaipėda, Lithuania	Reconstruction of the granules manufacturing and product warehouse, increasing production capacity up to 160 000 tones of granules per year.
2018	Eidsiva Bioenergy	Lillehammer, Norway	Installation of a 3.8 MW flue gas condenser: manufacture, assembly, start-up and adjustment works.
2018	KijevEnego	Kiev, Ukraine	Installation of a 24 MW flue gas condenser with additional equipment: construction, assembly, start-up and adjustment works.
2018	Comerc	Kharkiv, Ukraine	Supply of a 7 MW furnace, multicyclones, fuel combustion system and ash removal system.
2018	Rīgas BioEnergija	Riga, Latvia	Construction of a 48 MW biomass boiler plant by installing 2 x 20 MW biomass boilers with 2 x 4 MW flue gas condensers.
2018	Latvias Energoceltnieks	Riga, Latvia	Construction of a 26.9 MW biomass boiler plant by installing two water heating boilers with a capacity of 21.4 MW and a 5.5 MW flue gas condenser.
2017	Savsjo Energi	Savsjo, Sweden	Construction of an 10.6 MW biomass boiler plant by installing a 8 MW water heating boiler with a 2.6 MW flue gas condenser.

YEAR	CLIENT	LOCATION	PROJECT
2017	AuraGen	Tallinn, Estonia	Construction of a 21.4 MWe CHP with a thermal capacity of 87 MW (3 x 29 MW steam boilers).
2016	Gislaved Energiring	Gislaved, Sweden	Optimization of the heat boiler plant by installing a 1.2 MW flue gas condenser.
2016	Zespół Zarządców Nieruchomości	Warsaw, Poland	Assembly of two multicyclones and their auxiliary equipment, installation of flue gas ducts and treatment system in 11.6 MW and 5.8 MW coal boilers.
2016	Audrius Juška	Anykščiai, Lithuania	Construction of a 6 MW solid fuel boiler plant including installation of 4MW and 2MW water heating boilers.
2016	Šilalės Mediena	Šilalė, Lithuania	Installation of sawdust dryer drum, conveyor with scraper and other auxiliary equipment.
2016	Danpower Baltic	Kaunas, Lithuania	Construction of a 5 MWe CHP with thermal capacity of 21 MW, featuring a 6.3 MW flue gas condenser.
2015	Alvora	Elektrėnai, Lithuania	Addition of fuel warehouse featuring a bridge crane with grippers for 2 x 10 MW bubbling fluidised bed (BFB) water heating boilers (total capacity – 40 MW), electrostatic precipitators with ESP system and flue gas condenser.



Kaunas | Lithuania | 2016

YEAR	CLIENT	LOCATION	PROJECT
2015	Utenos Šilumos Tinklai	Utena, Lithuania	Assembly of a 14 t/h steam boiler with flue gas condenser.
2015	Ekopartneris	Kaunas, Lithuania	Construction of an 17.5 MW biomass boiler plant by installing 2 x 7 MW water heating boilers with a 3.5 MW flue gas condenser.
2015	Litesko Druskininkų Šiluma branch	Druskininkai, Lithuania	Construction of an 12.5 MW biomass boiler plant by installing a 10 MW water heating boiler with a 2.5 MW flue gas condenser.
2015	Valmieras energija	Valmiera, Latvia	Construction of an 6.2 MW biomass boiler plant by installing a 5 MW water heating boiler with a 1.2 MW flue gas condenser.
2015	NEO GROUP	Klaipėda, Lithuania	Construction of a 20 MW biomass boiler plant by installing two 10 MW thermal oil boilers
2014	Raseinių Šilumos Tinklai	Raseiniai, Lithuania	Construction of a 6.2 MW biomass boiler plant by installing a 5 MW water heating boiler with a 1.2 MW flue gas condenser.
2013	UAB Oneks Invest	Kaunas, Lithuania	Construction of a 2 x 20 MW biomass boiler plant with 2 x 4,75 MW flue gas condenser and electrostatic precipitator.
2012	Šiaulių Energija	Šiauliai, Lithuania	Construction of a 10.76 MWe biomass CHP with thermal capacity of 40.44 MW, and 2 x 6.1 MW flue gas condenser.
2012	Litesko Alytaus Šiluma branch	Alytus, Lithuania	Construction of a 5.4 MWe biomass CHP with a 20.2 MW bubbling bed steam boiler and a 4.9 MW flue gas condenser.



EFFICIENCY SYSTEMS



YEAR	CLIENT	LOCATION	PROJECT
Ongoing	IDEX Baltic	Paneriškės, Lithuania	Increasing the efficiency of the existing biomass boiler by installing an absorption heat pump, which will operate in conjunction with the existing flue gas condensing economizer in one 48.5 MW biomass water heating power plant block with a 19.5 MW thermal capacity boiler and a 4.75 MW flue gas condenser.
2025	Kauno energija	Kaunas, Lithuania	Increasing the efficiency of the existing biomass boiler plant by using the thermal energy of the existing biomass water heating boilers and ensuring electricity production ≥ 330 KW by installing an organic rankine cycle (ORC) turbine.
2025	Kauno energija	Jurbarkas, Lithuania	Increasing the efficiency of an existing biomass boiler plant to $\geq 0,7$ MW by installing a second stage flue gas condenser with an absorption heat pump.
2022	Kauno energija	Klaipėda, Lithuania	Increasing the efficiency of an existing biomass boiler plant to ≥ 2.4 MW by installing a second stage flue gas condenser with an absorption heat pump.
2022	Klaipėdos energija	Klaipėda, Lithuania	Increasing the efficiency of an existing biomass boiler plant to ≥ 1.2 MW by installing a second stage flue gas condenser with an absorption heat pump.



ENVIRONMENTAL NO_x (nitrogen oxides) REDUCTION PROJECTS



YEAR	CLIENT	LOCATION	PROJECT
2024	IKEA	Zbaszynek, Poland	Renovation of 6 MW thermal oil boiler systems, reducing NO _x emissions from 400 mg/m ³ to 200 mg/m ³ .
2023	Klaipėdos energija	Klaipėda, Lithuania	Renewal of KVGM-100 (90 MW) water heating boiler systems by reduction of NO _x emissions from 240 mg/Nm ³ to < 100 mg/Nm ³ .
2023	Šiaulių energija	Šiauliai, Lithuania	Renewal of PTVM-50 (115 MW) water heating boiler systems by reduction of NO _x emissions from 270 mg/Nm ³ to < 100 mg/Nm ³ .
2022	Šiaulių energija	Šiauliai, Lithuania	Renewal of PTVM-100 (116 MW) water heating boiler systems by reduction of NO _x emissions from 270 mg/Nm ³ to < 100 mg/Nm ³ .
2020	Vilniaus šilumos tinklai	Vilnius, Lithuania	Modernisation of BKZ-75-39 FB (59 MW, 75t/h) steam boiler systems by reduction of NO _x emissions from 280 mg/Nm ³ to 100 mg/Nm ³ .
2018	Vilniaus šilumos tinklai	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO _x emissions from 270 mg/Nm ³ to 80 mg/Nm ³ .
2018	ORLEN Lietuva	Mažeikiai, Lithuania	Upgrade of TGME-464 (450 MW 500 t/h) steam boiler by reduction of NO _x emissions from gas combustion to 200 mg/Nm ³ and from fuel oil combustion – to 450 mg/Nm ³ .
2016	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO _x emissions from 160 mg/Nm ³ to 100 mg/Nm ³ .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of TVGM-30 (35 MW) water heating boiler systems by reduction of NO _x emissions from 280 mg/Nm ³ to 100 mg/Nm ³ .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO _x emissions from 200 mg/Nm ³ to 75 mg/Nm ³ .
2015	Vilniaus Energija	Vilnius, Lithuania	Upgrade of PTVM-100 (116 MW) water heating boiler systems by reduction of NO _x emissions from 270 mg/Nm ³ to 100 mg/Nm ³ .

CONTACT US



UAB „Energy ON“

+370 640 75762 | info@energy-on.lt

www.energy-on.lt