



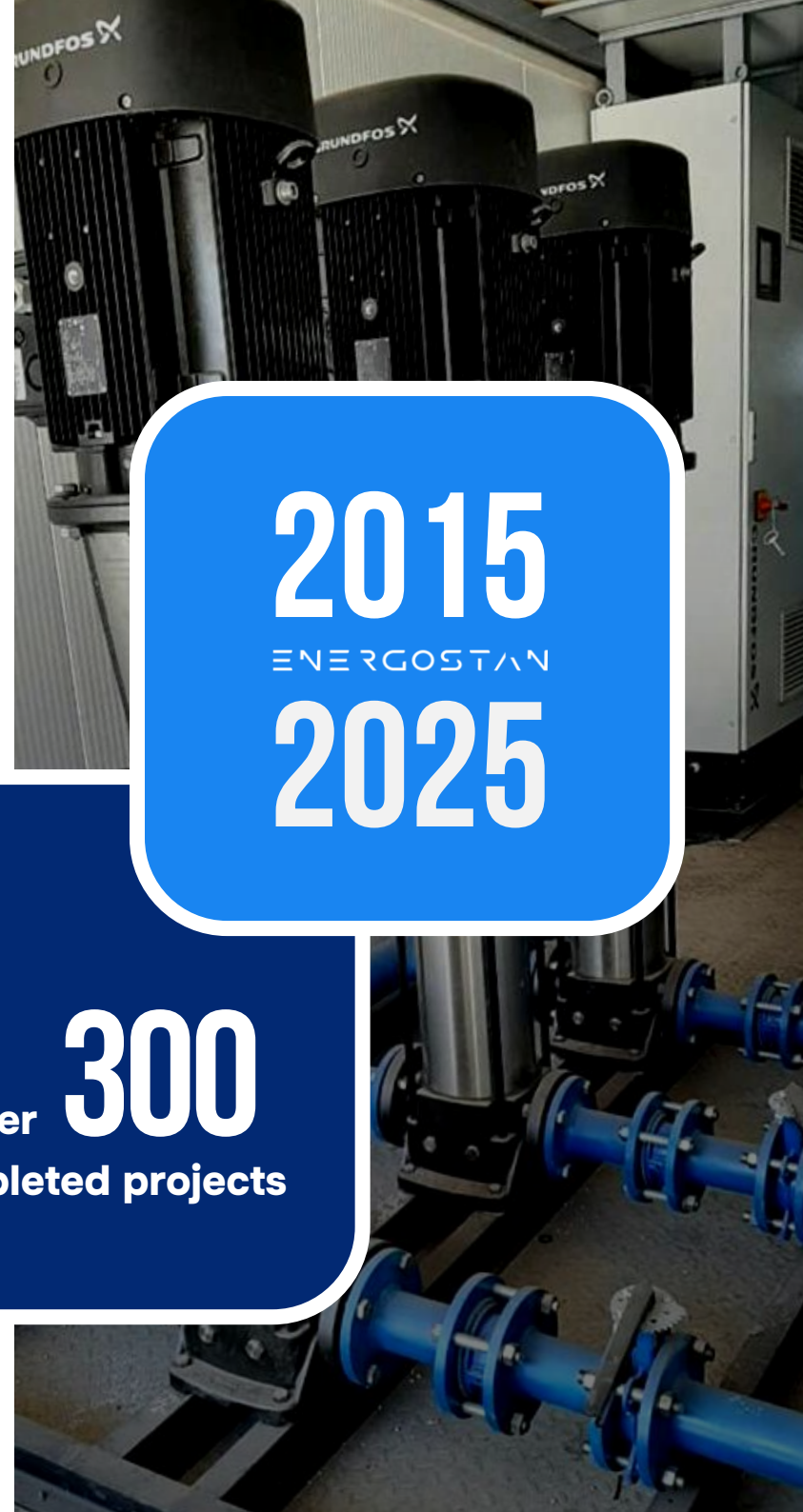
- ▣▣ Water supply
- ▣▣ Water treatment
- ▣▣ Water disposal
- ▣▣ Heat supply

ENERGOSTAN LLP

Reference list

Over **300**
completed projects

2015
ENERGOSTAN
2025



Direction	Project	Completed	Equipment	
1	Water supply	Reconstruction of the Sokolovsky group water pipeline in the NKR	2018	Hydro MPC-S pumping stations – 6 sets. Hydro Multi-E pumping stations – 8 sets.
2	Water supply	Reconstruction of the Presnovsky group water pipeline in the NKR	2018-2019	NK pumps with CUE centrifugal pumps – 6 sets. HS300-250-305 5/1 pumps – 4 units. Pumping stations: Hydro MPC-S 2 CR64-3-1 – 1 set. Hydro Multi-E 2 CRE3-5 – 1 set.
3	Sewerage	Replacement of pumping equipment at KNS 1, 2, 3, 5, 6, GKNS for GKP at PHV «Burabai Su Arnasy»	2019	Sewage pumps: S1.80.125.300.4.62H.H.338.G.N.D.511Z – 4 units S1.80.125.400.4.62H.H.374.G.N.D.511 – 4 pcs. SE1.110.200.220.4. 52M.H.N.51D – 2 pcs. SL1.75.100.130.2.52S.S.N.51D.PTC – 2 pcs. SE1.100.100.55.4.51D.B – 6 pcs. Control DC/LCD control cabinet – 7 pcs.
4	Water supply	Reconstruction of the 2nd lift, Zhayrem settlement - Karazhal	2019	Grundfos LS200-150-475Ax2 double suction pumps Q=300 m ³ /h H=110 m P=1250 kW - 2 pcs. CUE 3x380-500V IP54 D1h 160kW 315A submersible pumps - 2 pcs.
5	Water supply	Construction of a water pipeline from the water treatment plant to Merey microdistrict, Zhanaozen	2019-2020	Grundfos LS200-150-508B 110/4 Wolong 10 bar double suction pumps – 4 units. Control MPC-E 4x110 ESS-I cabinet
6	Water supply	Reconstruction of the Eskulinsky water intake facility, taking into account water supply, Zhezkazgan	2020	SP300/360/215/160/125 borehole pumps – 10 sets. LS350-250-630B 400/4 Wolong 6kV 16bar double suction pumps – 3 units.
7	Heat supply	Reconstruction of the central boiler house in Turkestan, Turkestan Region, with a capacity of 55 MW	2020	VISSMANN Vitomax 200- LW water boiler, type M62C00C – 4 sets. Baltur TBG 1100 MC burners for 8.8 MW boiler – 4 sets. VISSMANN Vitomax 200- LW water boiler, type M64 A _002 Baltur TBG 1200 MC burner for 10 MW boiler Pump group consisting of 5 NB 100-315/269 AF2ABAQE pumps Pump group consisting of 5 TP 100-110/4 A-F-A-BAQE-JX3 pumps

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8	Heat supply	Reconstruction of boiler house RK-1, Kokshetau	2020 Grundfos LS LS500-300-710E double suction pump, 9F3AQSQQV Q=2500 m3/h, H=140 m, P=1250 kW, with insulated bearings, adapted for operation with submersible pumps
9	Water treatment	Water treatment plant in Karatal settlement, NKR	2020 Block-modular water treatment plant
10	Water treatment	NFS GKP at PHV «Astana su arnasy» of the Astana City Administration	2020-2021 SELCOPERM SES-6500 GRUNDFOS electrolyser cells – 6 sets.
11	Water supply	Reconstruction of a 500 mm technical water pipeline, Ekibastuz	2020-2021 Grundfos LS350-250-630B double suction pumps Q=970 m3/h H=92 m/ 6kV 355/4 PN16 – 2 units.
12	Water treatment	Construction of the Eskulinsky water pipeline, taking into account water supply, Zhezkazgan	2021 Neptune-type electrolysis unit for producing sodium hypochlorite at a rate of 3 kg/hour of active chlorine
13	Heat supply	Construction of PNS-6 in Pavlodar	2021 Grundfos TP 150-660/4-A3-F-O-DAQF 400D 50HZ mains pump - 3 pcs. MPC-E 3X75 control cabinet
14	Water supply	Pumping station of the 1st lift Main water intake, Borovoye	2021 Grundfos LS300-200-489C MMG 185/4 380V double suction pump (insulated bearings) (Q=600 m3/h H=80 m)
15	Water supply	Construction of group water supply networks in the villages of Zhanysbi and Shenbertal in the Irgiz district of the Aktobe region	2021 Water supply and firefighting pumping stations: NS-2K-PZ-CR95-3-2 NS-2K-PZ- NB 50-250/254
16	Water purification	Sarykamys settlement, Zelenaya Roscha settlement, Pavlodar Region	2021 ENERGO SOV modular water treatment plant Technology: - disc filtration - coagulant dosing station - pH correction station - pressure aeration - ultrafiltration unit - ultrafiltration feed pump station - sodium hypochlorite dosing for prolonged disinfection. Capacity: 2 * 12 m3/hour

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17	Water purification	Leker settlement, Maikobe settlement, Kyzylsheik settlement, Pavlodar Region	2021 ENERGO SOV modular water treatment station Technology: - disc filtration - pressure aeration - backwash iron removal filters - reverse osmosis unit with preliminary antiscalant dosing - sodium hypochlorite dosing for prolonged disinfection Capacity: 4 * 2.5 m3/hour
18	Water supply	Construction of the Koktal water pipeline in Karatau, Talas District, Zhambyl Region	2021-2022 Grundfos 10E-300/7L-10250N submersible well pump – 2 units. Grundfos SP125-8A submersible well pump – 2 units.
19	Heat supply	Construction of engineering communications in the Bereke microdistrict. On-site networks in Kostanay (60 Gcal boiler house). Adjustment to reduce boiler house capacity	2021-2023 NK 100-250/229 EUPA2F2AE-SBAQE mains pump (Q=366 m3/h H=60 m) – 4 units. CM5-7 A-R-A-E-AVBE F-A-A-N booster pump (Q=5 m3/h H=50 m) – 1 pc. Hydro Multi-S /G 2CM5-7 3x400V pressure booster unit – 1 set. Hydro Multi-E 2 CME5-6 U2 A-A-C-A pressure boosting unit – 1 set. NBE 40-200/219AF2ABAQE pump for own needs – 2 pcs. TP 200-130/4 A-F-A-BAQE-NX3 mixing pump (Q=400 m3/h H=8 m) – 2 pcs. CME15-2 A-R-A-E-AQQE S-A-D-N additional feed pump – 1 pc. TPE2 50-240 N-A-F-A-BQQE-IDC pump – 1 pc. UPS 50-180 F 3x400-415V PN6/1 pump – 1 pc.
20	Sewerage	«Warm Beach», Aktau	2021-2023 Sewage pumps: SEV.80.80.240.2.52H.C.N.51D.A.Z – 4 sets. S1.100.125.500.4.62M.D.367.G.N.D.511.Z – 4 sets. S1.100.125.400.4.62M.D.345.G.N.D.511.Z – 4 sets. S2.100.200.550.4.66M.D.338.G.N.D.511.Z – 4 sets. S2.110.200.1150.4.70M.D.416.G.N.D.511.Z – 4 sets. S2.110.200.1600.4.70M.D.441.G.N.D.511.Z – 4 sets. SL1.50.65.09.2.50B – 46 pcs.; SL1.80.80.15.4.50D.C – 12 pcs. SL1.50.65.15.2.50B – 4 pcs.; SL1.80.100.15.4.50D.C – 6 pcs.

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21	Heat supply	Heating network pumping station, Makinsk	SL1.80.100.22.4.50D.C – 2 pcs. SL1.100.100.40.4.51D.C – 2 pcs. SL1.50.65.11.2.50B – 4 pcs. SL1.80.80.22.4.50D.C – 6 pcs. SL1.80.80.30.4.50D.C- 2 pcs. Grundfos LC control cabinets – 42 sets. Grundfos Control DC control cabinets – 6 sets. Complete KNS – 48 pcs.
22	Water treatment	The Akorda Presidential Residence	Grundfos console-monoblock pumps: 98896934 NB 100-160/167BAF2AESBAQEQUW1 - 4 units. 97964033 NB 65-200/162AAF2AESBAQENW1 - 3 units.
23	Water supply, heat supply, firefighting	MZhK with built-in premises and parking (Akbulak Naberezhnaya (Riviera) Sever residential complex), located at: Astana, Almaty district, Shalkyma Street	Magna3/Alpha2 series circulation pumps – 16 units. Fire extinguishing system: Hydro EN 80-250/233 S2JS ASD-U1 Hydro EN 80-200/188 S2JS ADL-U1 Hydro Multi-E series domestic water supply systems – 4 sets. KPC 600A drainage pumps – 28 units.
24	Water purification	RGP «Directorate of Administrative Buildings of the Administration of the President and Government of the Republic of Kazakhstan» UDP RK on PHV Object: Administrative building, Astana	ENERGO SOV modular water treatment station Technology: - pressure aeration - mechanical backwash filters - adsorption backwash filters - water softening using ion exchange backwash filters - disinfection using ultraviolet units. Capacity: 15 m3/hour
25	Heat supply	Expansion of the boiler room in the village of Burabay, Burabay District, Akmola Region, with two boilers with a capacity of 10 Gcal/hour each	Grundfos pumping equipment: TP 200-160/4-A-F-A-BAQE 400D 50HZ – 3 units. CUE 3x380-500V IP20 15kW 32A/27A submersible pump – 2 units.

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26	Water supply	Construction of a pumping and filtration station in Astana	<p>2022-2023</p> <p>Grundfos LS500-300-490E horizontal double-entry centrifugal pump (total Q = 1610 m3/h, H = 60 m, P = 315 kW, with insulated bearings, adapted for operation with a variable speed drive Control cabinet for 6 LS500-300-490E pumps, P2 = 315 kW, In = 554 A Control MPC-EF 6x315 ESS-I+Ops Grundfos LS450-350-397B horizontal double-entry centrifugal pump (Q total = 1210 m3/h, H = 13.6 m) (2 working + 1 spare) P = 75 kW Control cabinet for 3 LS450-350-397B pumps, P2 = 75 kW Control MPC-E 3X75 ESS-I+Pack</p>
27	Firefighting	National Guard Air Base in Astana	<p>2022-2023</p> <p>Fire extinguishing stations consisting of: 1) NK 250-500/525A1F1AE-SBAQE – 2 units. 2) NB 80-250/234AASF2AESBAQE UW1 – 2 units. 3) Control MX-II 1/1X95-110A SD-I – 1 unit. 4) Control MX-II 1/1X460-570A SD-I – 1 unit. 5) CR10-9 A-FJ-A-E-HQQE 3x400D 50 HZ – 1 unit. 6) GT-H-80 PN16 G1 V – 1 unit.</p>
28	Water treatment	GKP on PHV «Burabai su arnasy», Shchuchinsk	<p>2022-2023</p> <p>Combined mechanical wastewater treatment system RMT-700Sh2 with a capacity of 700 m3/hour</p>
29	Water supply	Construction of the Zharly-Karkaralinsk group water pipeline in the Karkaralinsk district of the Karaganda region	<p>2022-2023</p> <p>Lifting station 1 - 3 sets consisting of: 1) BMZ measuring 3*3*3 with pipe connections 2) SP46-13 Rp3 6"3X380-415/50 22kW submersible pump 3) CUE frequency converter 3x380-500V IP55 30 kW 61A/55A Lifting station 2 - includes: 1) BMZ measuring 12*2.5*3 with pipe connections 2) GRUNDFOS MPC-E 3 CR 32-9 pumping station (2 working + 1 spare; Q=60 m3/hour, H=132 m.w.c.) with frequency converters 3) ODV 70 water disinfection units – 2 pcs..</p>
30	Sewerage	Construction of a pressure sewerage system and KNS in the village of Otegen Batyr, Ili District, Almaty Region	<p>2022-2023</p> <p>Complete Grundfos KNS S2.110.200.1600.4.70M.S.441.G.N.D.511 (1 working + 1 spare)</p>

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31	Water treatment, water supply	Construction of a water intake facility and water supply networks in the village of Zhetigen	2022-2023 Block-modular water treatment plant and pumping station Energo NS 3 NB40-200/219
32	Water purification	Zhetigen village, Ili district, Almaty region	2023 ENERGO SOV-23 modular water treatment station Technology: - Mechanical bag filters - Reverse osmosis unit with pre-dosing of antiscalant - Disinfection with ultraviolet units - Mixing unit to achieve optimal salt composition of water Capacity: 23 m3/hour
33	Water purification	Modernisation of the water treatment system at CHPP-2 in Astana	2023 Reverse osmosis unit OOE 288-8-8/40 Capacity: 250 m3/hour
34	Water purification	Togus, Badam, Bazar Kakpa-2, Bazar Kakpa-1, SKR, Shymkent	2023 ENERGO SOV modular water treatment stations Technology: - removal of mechanical impurities using disc filters - water softening using backwash ion exchange filters - disinfection using ultraviolet units. Capacity: 50 - 65 m ³ /hour
35	Sewerage	KGP «Atyrau Regional Water Utility», Atyrau	2024 1. Grundfos sewage pump SEV.65.65.40.2.51D (96047729) - 10 pcs. 2. Grundfos sewage pump S2.100.200.400.4.62L. H.285.G.N.D.511.Z (93112222) - 8 pcs. 3. Grundfos sewage pump SE1.75.100.150.2.52S.N.51D.A.Z (92561070) - 10 pcs. 4. Mobile pump system with internal combustion engine Vogelsang VX136-140Q rotary lobe pump - 4 sets.

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36	Water supply, sewerage	Construction of engineering networks and landscaping of the territory of three 9-storey buildings in the Bereke microdistrict of Atyrau, a plot with an area of 1.4 hectares	2023 1. ENERGO BMZ (ENERGO NS B 2 EM CM10-3) modular pump station for domestic water supply. Capacity: Q=12 m3/h, H=35 m, P2=2*2.2 kW. 2. Vogelsang sewage grinder-crusher (installed in the sewer) Capacity: Q=300 m3/h, N=2.2 kW (with control device) - 2 units.
37	Sewerage	Reconstruction of KNS-17 (Balykashi settlement, Kunanbayeva Street), Atyrau	2024-2025 1. Grundfos sewage pumps S2.100.200.500.4.62L.H.290.Q.N.D.511 (complete with control cabinet) - 3 units 2. Vogelsang twin-shaft grinder XRipper XRC136-840QD (complete with control cabinet) - 2 pcs. 3. EMIS-MAG 270 electromagnetic flow meter (300-N1-PTF-F-D7-1.6-0.5-0.5-24-GP-AN2-AN2-ZN-ZN-EN1092-1-B) - 2 pcs.
38	Sewerage	Reconstruction of the KNS in the Nursaya microdistrict, Atyrau	2024-2025 1. Grundfos sewage pumps S2.100.200.500.4.62L.H.290.Q.N.D.511 (complete with control cabinet) - 4 units. 2. Vogelsang twin-shaft grinder XRipper XRC186-780QD (complete with control cabinet) - 2 pcs. 3. EMIS-MAG 270 electromagnetic flow meter (400-N1-PTF-F-D7-1.6-0.5-0.5-24-GP-AN2-AN2-ZN-ZN-EN1092-1-B) - 2 pcs.
39	Sewerage	Reconstruction of KNS-10A (intersection of Makhambet and Valikhanov Streets), Atyrau	2024-2025 1. Grundfos sewage pumps S2.100.200.500.4.62L.H.290.Q.N.D.511 (complete with control cabinet) - 3 units. 2. Vogelsang twin-shaft grinder XRipper XRC186-780QD (complete with control cabinet) - 2 pcs. 3. EMIS-MAG 270 electromagnetic flow meter (400-N1-PTF-F-D7-1.6-0.5-0.5-24-GP-AN2-AN2-ZN-ZN-EN1092-1-B) - 2 pcs.
40	Firefighting	Liquor and vodka factory in Petropavlovsk	2024 Complete firefighting pump unit ENERGO NS F 2 NB 125-250/249 + CM 3-12 Q = 420 m3/h, H = 79 m, N = 132 kW

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41	Sewerage	KNS-3, Uralsk	2024-2025 1. Grundfos S2.100.200.500.4.62L.D.290.G.N.D.511 pumps Q - 900 m ³ /h, H - 12 m, N - 50 kW – 2 units complete with control cabinet 2. Vogelsang twin-shaft shredder with two drums, XRipper XGR136-840QDHCD, (complete with control cabinet) – 2 pcs.
42	Sewerage	KNS in the Akzhaik microdistrict, Uralsk	2024 1. Grundfos S2.90.200.1600.4.70S.H.480.G.N.D.511 sewage pumps, Q-400m ³ /h, H-70m, 160kW, complete with control cabinet - 4 sets. 2. Vogelsang twin-shaft grinder with two drums, XRipper XGR136-840QDHCD, (complete with control cabinet) - 2 sets.
43	Technology	ZIF Maralikhinskoye Ore Field, Ust-Kamenogorsk	2024 Cyanide solution feed pumps NB 65-200/217, Q-100m ³ /h, H-60m, 30kW complete with control cabinet - 2 sets.
44	Technology	Caspian Desalination Plant, Aktau	2024 1. DDC 6-10 AR-PP/E/C-F-31I001FG reagent dosing pumps – 2 units. 2. DDE 6-10 B-PVC/V/C-X-31I001FG reagent dosing pumps – 1 unit. 3. NB 125-200/176-154BCF2LESBQQEXW1 seawater feed pump. Q = 300 m ³ /h, H = 28 m, N = 37 kW - 1 pc.
45	Water supply, firefighting	The Comfortable School Project (Taraz, Astana, Mangilik El Avenue, Kaskelen, Kemertohan, Almalybak, Uzynagash, Kokozek, Mangistau, Vodnoye, Terekty, Astana, Zhansugurova, Astana, Urker microdistrict, Akmol village, Telman microdistrict, Astana, E48, E77, Semey, Kabanbay Batyr village, Karaganda and others)	2024 Hydro Multi-E 3 CME 10-2 U2 A-A-A-A-A pumping station - 13 units. Hydro EN 32-200/200 S2JS ADL-U1 pumping station - 2 units. Hydro FR 2 CR 125-2-1 S2 NJ BSDU2 pumping station - 4 pcs. Hydro EN 65-200/170 S2JS ADL-U1 pumping station - 2 pcs. Hydro EN 50-200/207 S2JS ADL-U pumping station - 1 pc. Hydro Multi-E 3 CME 15-2 U2 A-A-A-A-A pumping station - 1 pc. Hydro FR CM25-3A S2NJ ADLU2 pumping station - 1 pc. Hydro Multi-E 3 CME 15-1 U2 A-A-A-A-A pumping station - 3 pcs. Hydro FR CM25-2A S2NJ ADLU2 pumping station - 5 pcs.
46	Water supply	Construction of a water pipeline and water supply distribution networks in the village of Klyuchi, Shortandinsky District, Akmola Region	2024 1. Block-modular pumping station of the 1st lift ENERGO NS BB 1 K SP18-17. Q=16.9 m ³ /h, H=132 m, P2=9.2 kW - 2 units. 2. Block-modular pumping station. Boosting. ENERGO NS BB 2 E CR 15-8. Q=16.90 m ³ /hour, H=83.61 m, P2=7.5 kW - 2 units.

				<p>3. ENERGO NS BBF block-modular pumping station of the 2nd lift, complete with Hydro Multi-E 3 CRE 20-2 pumping unit (2 working + 1 spare; Q=38 m³/hour, H=29 m, P2=3x4 kW), Energo NS 2 F NB50-200 pump unit (1 working + 1 spare; Q=79.63 m³/hour, H=59.89 m, P2=2x22 kW), 3 ultraviolet disinfection units 20 m³/hour - 1 pc.</p> <p>4. ENERGO SOV12 water treatment station - capacity 12 m³/hour</p>
47	Water supply	Construction of off-site water supply networks for multi-storey residential buildings in the Aktobe City BATYS-3 residential complex, Aktobe	2024	<p>ENERGO NS-B-5E-NB 200-400 block-modular pumping station Parameters: Q_{total} = 1675.31 m³/h. H = 40 m. P2 = 5 x 90 kW (3 working + 2 spare) Above-ground pavilion dimensions: 12,000 x 7,000 x 3,200 mm Underground pavilion: machine room dimensions: 10,800 x 5,500 x 4,900 mm</p>
48	Water supply, firefighting	Construction of multi-apartment residential complexes with built-in premises and parking in the area where streets E16, E32, E45, and E24 intersect (project names). Phase 2 (polygons 4 and 5) in Astana	2024	<p>Hydro Multi-E 3 CME 5-4 U1 A-A-A-A-A pumping station - 2 pcs. Hydro Multi-E 3 CME 5-5 U2 A-A-A-A-A pumping station - 2 pcs. Hydro FR CM25-4A S2NJ ADLU2 pumping station - 8 pcs. Hydro EN 80-200/202 S2JS ASD-U1 pumping station - 2 pcs. Hydro Multi-E 3 CME 5-4 U1 A-A-A-A-A pumping station - 4 pcs.</p>
49	Water supply, firefighting	Student dormitories located at the following addresses: Astana, Almaty district, A. Baitursynov Street, K. Azerbayev Street	2024	<p>TPE 80-170/4 A-F-A-BAQE-KWA circulation pump - 4 pcs. CM5-3 A-R-A-E-AVBE C1-A-A-N feed pump - 2 pcs. Circulation pump UPS32-100 N 180 1x230V 50Hz 9H - 4 pcs. Circulation pump MAGNA1 25-100 180 1x230V PN10 - 4 pcs. Circulation pump TPE 65-210/2 A-F-A-BAQE-JWB - 2 pcs. Feed pump CM5-3 A-R-A-E-AVBE C1-A-A-N - 1 pc. Circulation pump UPS32-100 N 180 1x230V 50Hz 9H - 2 pcs. Circulation pump MAGNA1 25-100 180 1x230V PN10 - 2 pcs. Hydro Multi-E 3 CME 10-2 U2 A-A-A-A-A pumping station - 3 pcs. Hydro FR CM25-2A S2NJ ADLU2 pumping station - 3 pcs.</p>
50	Sewerage	Reconstruction of KNS-2, Leskhoz microdistrict, Atyrau	2024-2025	<p>1. Grundfos sewage pumps S2.100.200.500.4.62L.H.290.Q.N.D.511 (complete with control cabinet) - 3 units.</p> <p>2. Vogelsang twin-shaft grinder XRipper XRC136-840QD (complete with control cabinet) - 2 pcs.</p> <p>3. EMIS-MAG 270 electromagnetic flow meter (300-N1-PTF-F-D7-1.6-0.5-0.5-24-GP-AN2-AN2-ZN-ZN-EN1092-1-B) - 2 pcs.</p>

51	Water supply	Water supply networks in new areas of Bozaigyr village, Shortandinsky District, Akmola Region	2025	<p>ENERGO BMZ block-modular first lift pumping stations (dimensions: 4 m * 3 m * 2.7 m) - 2 sets. Included: Grundfos SP30-6 submersible pumps (1 working + 1 in storage) Q=20 m³/h, H=50, P=5.5 kW; ENERGO BMZ block-modular second lift pumping station, pavilion dimensions: L6000*W2500*H2500 mm Included: ENERGO NS B3E NB pumping station for domestic and drinking water supply, pumping station parameters: Q=81.6 m³/h, H=60 m, P2=3*11 kW (2 working + 1 spare) ENERGO SOV 35 water treatment station with a capacity of 35 m³/h in a block-modular design, dimensions: 12000x5000x3500 mm</p>
52	Water supply, firefighting	Construction of a school in the village of Satay, Karakemer rural district, for 900 students in the Enbekshikazakh district of the Almaty region	2025	<p>ENERGO BMZ block-modular pumping station (total capacity = 72 kW); Ground pavilion dimensions: 6000*4500*3200 mm; Firefighting pumping station (based on Grundfos pumps) ENERGO NS F2 NB65-200/217 (CM5-6), pumping station parameters: Q=92.88, H=51 m, P2=2*30 kW; Grundfos pumping station for domestic and drinking water supply ENERGO NS HYDRO MULTI-E 3 CME 10-2, pumping station parameters: Q=18.75 m³/h, H=20 m, P2=2*2.2 kW (2 working + 1 spare)</p>
53	Water supply, firefighting	Reconstruction of the Presnovsky group water pipeline in the village of Stanovoye, North Kazakhstan Region	2025	<p>Grundfos Hydro Multi-E 2 CRE 5-5 U2 A-A-A-A-A pressure boosting pump set for domestic and drinking water needs, pump set parameters: Q=6.05 m³/h, H=30 m, P=2*1.5 kW (1 working + 1 spare); Grundfos Hydro FR CM25-3A S2NJ ADLU2 pressure boosting pump set for firefighting needs, pump set parameters: Q=24.6 m³/h, H=40 m, P2 =2*5.5 kW (1 working + 1 spare)</p>
54	Water supply, firefighting	Reconstruction of the Presnovsky group water pipeline in the village of Iskra, North Kazakhstan Region	2025	<p>Grundfos Hydro Multi-E 2 CRE 5-5 U2 A-A-A-A-A pressure boosting pump set for domestic and drinking water needs, pump set parameters: Q=6.05 m³/h; H=30 m; P=2*1.5 kW (1 working + 1 spare); Grundfos Hydro FR CM25-3A S2NJ ADLU2 pressure boosting pump unit for firefighting needs, pump unit parameters: Q=24.6 m³/h; H=40 m: P2 =2*5.5 kW (1 working + 1 spare)</p>

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55	Water supply, firefighting	Reconstruction of the Presnovsky group water pipeline in the village of Mamlyutka, North Kazakhstan Region	2025 Grundfos Hydro MPC-E 3 CRE64-2-2 U2 D-A-A-A pressure boosting pump set for domestic and drinking water needs, pump set parameters: Q=113.62 m ³ /h; H=30 m; P=3*15 kW (2 working + 1 reserve); Grundfos pressure boosting pumps: Single-stage centrifugal NK 100-200/181AA2F2AESBQQESW1, parameters: Q=208 m ³ /h; H=40 m; P2= 37 kW; Included: NK 100-200/181 Control MPC-S 2 x 37.0 kW SD pump control cabinet
56	Water supply, firefighting, sewerage	The Reception House in the Presidential Park on Sh. Kaldayakov Street	2025 Grundfos HYDRO MULTI-E 3 CME 5-4 multi-pump domestic and drinking water supply unit – 1 unit, Q=3.67 l/sec, H=35 m.w.c., P=1.5 kW 3 x 380-415 V (2 working + 1 reserve); Grundfos HYDRO FR CR32-2 S2NJ BDLU2 firefighting pump unit – 1 unit, Q=9.702 l/sec, H=0.249 MPa, P2=4.0 kW, 3 pumps (2 working + 1 reserve); Grundfos Multilift MDG.15.3.2 sewage system, Q=5.2 m ³ /h, H=20.94 m ³ /h, P1=2.3 kW – 1 unit; Grundfos Multilift MDV.65.80.40.2.51D /450.SL sewage system, Q=16.7 m ³ /h, H=22.81 m ³ /h, P1=4.8 kW – 1 unit; Grundfos Hydro EN 80-200 /213 S2JS ASD-U1 automatic fire extinguishing multi-pump unit – 1 unit, Q=227 m ³ /h, H=50.35 m water column, P=2x45 kW (1 working + 1 reserve + 1 jockey 1.5 kW) 3 x 380-415 V
57	Sewerage	Reconstruction and construction of the water supply system in the village of Turgen, Enbekshikazakh district, Almaty region. Phase 2. First and second lifts	2025 First lift: Grundfos SP18-20Q=16 m ³ /h borehole pump, H=161.4 m, N=11 kW – 5 units; Complete with control cabinets Second lift: Complete 5-pump Grundfos Hydro MPC-E 5 CRE45-2-2 unit, station parameters Q=141.08 m ³ /h, H=45 m, N=5x11 kW
58	Sewerage	Overhaul of KNS №№ 1, 2, 3, and 4 in the village of Makat, Makat District, Atyrau Region	2025 Grundfos sewage pump: Model SE1.75.100.150.2.52S.N.51D.A, operating parameters: Q=140 m ³ /h, H=24 m, N - 2 * 15 kW – 8 pcs.

59	Sewerage	Construction of sewerage supply networks, Atyrau, Geolog microdistrict, KNS-1	2025	<p>The complete sewage station consists of two underground tanks, one 'wet' receiving tank (diameter 1500 mm, height 7200 mm) and one 'dry' machine room (diameter 1800 mm; height 7200 mm), capacity: Q=48 m³/h, H=26.08 m; Equipped with:</p> <ol style="list-style-type: none"> 1. Grundfos SEV.80.100.92.2.51D.Q.Z sewage pumps Q=48 m³/h, H=26.08 m. (1 working + 1 spare), N - 2x9.2 kW - 2 pcs. 2. Vogelsang Xripper XRC136-200Q crusher, N - 2.2 kW - 1 pc. 3. Control cabinets
60	Sewerage	Construction of sewerage supply networks, Atyrau, Geolog microdistrict, KNS-2	2025	<p>The complete sewage station consists of two underground tanks, one 'wet' receiving tank (diameter 1500 mm, height 7200 mm) and one 'dry' machine room (diameter 1800 mm; height 7200 mm). Capacity: Q=48 m³/h, H=26.08 m Equipped with:</p> <ol style="list-style-type: none"> 1. Grundfos SEV.80.100.110.2.51D.Q.Z sewage pumps Q=54.08 m³/h, H=26.15 m. (1 working + 1 spare), N - 2x11 kW - 2 pcs. 2. Vogelsang Xripper XRC136-200Q grinder, N - 2.2 kW - 1 pc. 3. Control cabinets
61	Water supply, firefighting	Reconstruction of the airport in Balkhash	2025	<p>GRUNDFOS pressure boosting units Model HYDRO MULTI-E 3 CME 3-3 - 1 unit, pumping station parameters: Q = 5 m³/h, H = 10 m. P = 3*1.1 kW (2 working + 1 reserve) GRUNDFOS fire extinguishing units Model Hydro FR CM25-2A S2NJ ADLU2 - 1 unit, pumping station parameters: Q = 18 m³/h, H = 27 m. P = 2*4 kW (1 working + 1 reserve)</p>
62	Water supply, firefighting	Pumping station for the 2nd lift, booster or recirculating water supply systems with a capacity of 1530 m³/h	2025	<p>Energ NS B5-EM-NB 100-200/219 hybrid pumping station - 1 set. (4 working + 1 spare) Characteristics of each pump: Q=303m³/hour, H=60m, N=75 kW Included: control cabinet with frequency converters for each pump, manifolds, shut-off and control valves, instrumentation sensors Electrolysis unit for preparing and dosing GPHN solution - 1 set. In a block-modular design measuring 6000*2400 mm (made of sandwich panels)</p>

Direction	Project	Completed	Equipment
63	Water supply	Caspian Desalination Plant LLP, Aktau	2025 NKG 125-80-200/204 AAEF2LESBQQESW1 cantilever pump – 2 pcs.; N - 37 kW, IE3Q - 220, m ³ /h, H - 46.2 m
64	Water supply, firefighting	Construction of a group water pipeline in the villages of Krasnaya Polyana, Petrikovka, Arbuzinka, Sandyktau District, Akmola Region	2025 Domestic and drinking water supply pumping station based on ENERGO NS B2 CM 10-5 A-R-A-E-AVBE F-A-A-N Grundfos pumps – 2 sets. Firefighting pumping station based on ENERGO NS F2 NB 32-200/206 AAF2AESBAQEMW1 Grundfos pumps – 2 sets.
65	Water supply	Supply of pumps for KGP «Atyrau Su Arnasy», Atyrau	2025 NBG 300-250-350/330 – 3 pcs. CR95-4 A-F-A-E-HQQE 400D – 4 pcs. NB 50-160/177AAF2AESBAQEOW1 – 3 pcs.
66	Water supply	Supply of pumps for the «Centre for Musical Arts», Astana	2025 SOLOLIFT2 C-3 sewage system MD.24.3.2 3x400V sewage pump system UNILIFT AP12.40.08.A1 drainage pump
67	Sewerage	Construction of intra-microdistrict engineering networks (water supply, sewerage, heat supply) and motorways in microdistrict 16, Aktau	2025 Grundfos sewage pumps for dry horizontal installation SE1.85.100.150.4.52H.Q.N.51D.A.Z – 3 pcs. Grundfos control cabinet for controlling 3 SE1.85 pumps (the cabinet is located in an above-ground building) Control DC 3 ESS 3x400 + OPS, with frequency control for each pump – 1 pc. Monoblock submersible sludge (drainage) pump with built-in float switch UNILIFT AP12.50.11.A3 – 2 pcs. Vogelsang XRipper XRC100-800QD shredder-grinder – 3 pcs. ENERGO NS BMZ ground pavilion, size 12000-15000-6500 mm – 1 set. Cylindrical KNS housing complete with internal piping: diameter 3600 mm; height 8900 mm – 1 set. Grundfos S2.100.200.400.4.62L.C.245.Q.N.D.615.Z sewage pumps – 2 pcs. Grundfos Control DC ESS 3x400 IM + OPS control cabinet with frequency regulator for each pump – 1 pc.

	Direction	Project	Completed	Equipment
68	Water treatment	Isobilnoe village Akmola region	2025	ENERGO SOV-8 block-modular water treatment stations, 160 m ³ /hour (160 m ³ /day) Technology: - disc filtration - backwashable iron removal and mechanical cleaning filters - reverse osmosis unit with preliminary antiscalant dosing - sodium hypochlorite dosing to ensure prolonged disinfection
69	Water treatment	Kornety village Burabai district Akmola region	2025	ENERGO SOV-3 m ³ /hour (60 m ³ /day) modular water treatment stations Technology: - disc filtration - pressure aeration - backwash iron removal filters - reverse osmosis unit with preliminary antiscalant dosing - sodium hypochlorite dosing to ensure prolonged disinfection
70	Water treatment	Construction of water supply networks in new areas in the village of Bozaigyr, Shortandinsky District, Akmola Region	2025	ENERGO SOV-35 m ³ /hour (700 m ³ /day) modular water treatment stations Technology: - disc filtration - backwash iron removal filters - backwash softening filters - reverse osmosis unit with preliminary antiscalant dosing - water mixing unit after reverse osmosis and purification using backwash filters - sodium hypochlorite dosing to ensure prolonged disinfection
71	Pumping equipment	Pump and filter station No. 6, Atyrau	2025	Floating pumping station based on LS pumps with a total capacity of 180,000 m ³ /day

Direction	Project	Completed	Equipment
72	Water treatment	Construction of a water pipeline in the village of Kirsanovo, Baiterek District, West Kazakhstan Region	2025 ENERGO SOV-3 m3/hour (60 m3/day) modular water treatment stations Technology: - disc filtration - backwashable iron removal and mechanical cleaning filters - reverse osmosis unit with preliminary antiscalant dosing - sodium hypochlorite dosing to ensure prolonged disinfection
73	Sewerage	Construction of main storm sewer networks in Petropavlovsk North Kazakhstan Region (Subzones No. 3 and No. 4)	2024 ENERGO KNS 3000/6800-320.4-28.46 with a capacity of Q=320.4 m3/h, H=28.46 m, P2=41 kW, complete with Grundfos S1.100.125.400.4.62M.S.345.G.N.D.511 sewage pump - 2 pcs. ENERGO KNS 3000/6800-316.8-22.29 with a capacity of Q=316.8 m3/h, H=22.29 m, P2=30 kW included Grundfos S1.100.125.400.4.62M.S.345.G.N.D.511 sewage pump - 2 pcs.
74	Heating and ventilation, firefighting	Construction of an administrative building on Turan Avenue in Astana	2025 Circulation pump TPE 100-170/4 A-F-A-BAQE-LWA - 2 pcs. Circulation pump TPE 100-170/4 A-F-A-BQQE-LWA - 4 pcs. Circulation pump TPE 100-200/4 A-F-A-BAQE-MWA - 4 pcs. Circulation pump TPE 100-200/4 A-F-A-BQQE-MWA - 4 pcs. Circulation pump TPE 125-230/4 A-F-A-BAQE-OWA - 2 pcs. Circulation pump TPE 150-170/4 A-F-A-BQQE-OWA - 2 pcs. Circulation pump TPE 80-150/4 A-F-A-BAQE-JWA - 4 pcs. Circulation pump for heating system ALPHA3 25-80 180 - 2 pcs. MAGNA3 65-150 F 340 heating system circulation pump - 2 pcs. Hydro EN 32-200/200 S2JS ADL-U1 automatic fire extinguishing pump unit - 1 pc. HYDRO FR CR45-2 S2 JCR5-8 BDLU2 automatic fire extinguishing pump unit - 1 pc.
75	Water supply	Central Stadium named after Kazymukan Munaitpasov, Astana	2025 Hydro Multi-E 3 CRE 1-4 water supply pumping station - 2 units. Hydro FR CM10-2A S2NJ ADLU2 firefighting pumping station - 2 units. ENERGO NSB 3E CM25-3 stadium irrigation pumping station - 1 unit.

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**Heating and
ventilation,
water supply**

EXPO-2017 Astana

2025

TP 65-210/2 A-F-A-BQQE-JW1 circulation pump – 3 units
 Control MPC-EC 3 x 3.0 kW E control cabinet – 1 unit
 TPE3 50-240 S-A-F-A-BQQE-IYC circulation pump – 6 pcs.
 TPE3 50-240 S-A-F-A-BQQE-IYC circulation pump – 2 pcs.
 TPE3 40-200 S-A-F-A-BQQE-GYC circulation pump – 4 pcs.
 TPE 65-340/2 A-F-A-BQQE-LWB circulation pump – 2 pcs.
 Circulation pump TP 40-240/2 A-F-A-BQQE-IW1 – 4 pcs.
 Circulation pump TP 150-450/4 A-F-A-BQQE-TW3 – 3 pcs.
 Control cabinet Control MPC-EC 3 x 45.0 kW E – 1 pc.
 Circulation pump NB 150-250/275 – 3 pcs.
 Control cabinet Control MPC-EC 3 x 37.0 kW E – 1 pc.
 Circulation pump NK 150-400/343 – 3 pcs.
 Control cabinet Control MPC-EC 3 x 55.0 kW E – 1 pc.
 Circulation pump NB 50-160/167 – 6 pcs.
 Control cabinet Control MPC-EC 3 x 11.0 kW E – 2 pcs.
 Circulation pump NB 50-125/135 – 3 pcs.
 Control cabinet Control MPC-EC 3 x 5.5 kW E – 1 pc.
 Circulation pump NB 65-160/173 – 6 pcs.
 Control cabinet Control MPC-EC 3 x 15.0 kW E – 2 pcs.
 Pressure boosting pump station Hydro Multi-E 3 CRE 15-3 – 1 pc.
 Hydro Multi-E 2 CME 5-4 pressure boosting pump station – 1 pc.
 Hydro Multi-E 3 CME 10-3 pressure boosting pump station – 1 pc.
 Hydro Multi-E 2 CME 10-5 pressure boosting pump station – 1 pc.

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Boiler House

**Construction of a district boiler house
in the south-western residential area
of Taldykorgan**

2025

CRIE3-19 A-FGJ-A-E-HQQE feed water pump – 4 pcs.
 Control MPC-E 2 x 3.0 kW E control cabinet – 2 pcs.
 NK80-400/419 ejector working water pumps – 2 pcs.
 Control cabinet Control MPC-EC 2 x 37.0 kW E – 1 pc.
 Washing water pumps NB 32-125/142 – 2 pcs.
 Control cabinet Control MPC-EC 2 x 3.0 kW E – 1 pc.
 LS 125-100-305F double-entry raw water pumps – 2 pcs.
 Control MPC-EC 2 x 55.0 kW E control cabinet – 1 pc.
 Mains water pumps LS 200-150-475Ax2 – 5 pcs.
 Control cabinet Control MPC Series 2000 – 5 p. – 1 pc.
 Recirculation pump NBGE 100-65-200/190 – 2 pcs.
 Control cabinet Control MPC-EC 2 x 18.5 kW E – 1 pc.
 Pump station Hydro MPC-E 4 CRE95-2-1 – 1 pc.

78	Water supply	Construction of a water pipeline from the Pokrovskoye underground water deposit to the villages of Talapker and Kazhymukan in the Tselinograd district of the Akmola region - Phase 1	2025	SP11-7 Rp2 4" 1.5kW submersible well pump - 2 pcs. SP11-11 Rp2 4" 2.2kW submersible well pump - 1 pc. SP14-6 Rp2 4" submersible well pump 1.5kW - 1 pc. SP14-8 Rp2 4" submersible well pump 2.2kW - 1 pc. SP18-5 Rp2½ 4" submersible well pump 3.0kW - 2 pcs. SP18-6 Rp2½ 4" submersible well pump 4.0kW - 1 pc. SP30-5 Rp3 4" submersible well pump 5.5kW - 3 pcs. SP5A-8 0.75kW submersible well pump - 1 pc. SP5A-12 submersible well pump 1.1kW - 1 pc. SP7- 5 Rp1½ 4" submersible well pump 0.75kW - 2 pcs. SP7- 8 Rp1½ 4" submersible well pump 1.1kW - 3 pcs. SP9-10 Rp2 4" submersible well pump 2.2kW - 1 pc. SP9-8 Rp2 4" submersible well pump 1.5kW - 1 pc. Control cabinet for one pump CUE 3x380-500V IP55 1.1kW - 3 pcs. Control cabinet for one pump CUE 3x380-500V IP55 1.5kW - 4 pcs. CUE 3x380-500V IP55 2.2kW single pump control cabinet - 4 pcs. CUE 3x380-500V IP55 3kW single pump control cabinet - 3 pcs. CUE 3x380-500V IP55 4kW pump control cabinet - 2 pcs. CUE 3x380-500V IP55 5.5kW pump control cabinet - 1 pc. CUE 3x380-500V IP55 7.5kW pump control cabinet - 2 pcs. ENERGO NSB 4E CR45-4-2 pumping station - 1 pc.
79	Firefighting	Renovation of the building of the Pavlodar Region State Revenue Department of the Ministry of Finance of the Republic of Kazakhstan at 57 Astana Street	2025	ENERGO NSF 3K CHLFT12-30 fire extinguishing pump unit, Q=9.36 m ³ /h, H=21.8 m, P2=3x1.8 kW - 1 unit (1 working + 2 spare)
80	Sewerage	Makin Poultry Farm	2025	Sewage pumping station 120 m ³ /hour
81	Water supply	Water supply facilities hub in the Kuigenzhar residential area, Water supply pumping station	2025	Grunfos Hydro MPCE 6 CRIE 202 pressure boosting pump station - 1 unit, Q=125.54 m ³ /h; H=18 m; P=6*4 kW

ENERGOSTAN

Project and engineering



15 Kuyshi Dina Str., NP: 3, Astana, Kazakhstan

☎ 8 (7172) 65 11 43, 65 02 37

📞 +7 771 033 03 83, +7 702 170 46 66

✉ director@energostan.kz

✉ s.vorobyov@energostan.kz

Sales area



15 Kuyshi Dina Str., NP: 3, Astana, Kazakhstan

☎ 8 (7172) 65 11 43, 65 02 37

📞 +7 701 429 09 77

✉ shop@energostan.kz

Service centre



191st Street, Building 55/1, Astana, Kazakhstan

📞 +7 701 029 28 88

✉ v.malikova@energostan.kz