



Company Profile



Leader in Infrastructure Project Delivery

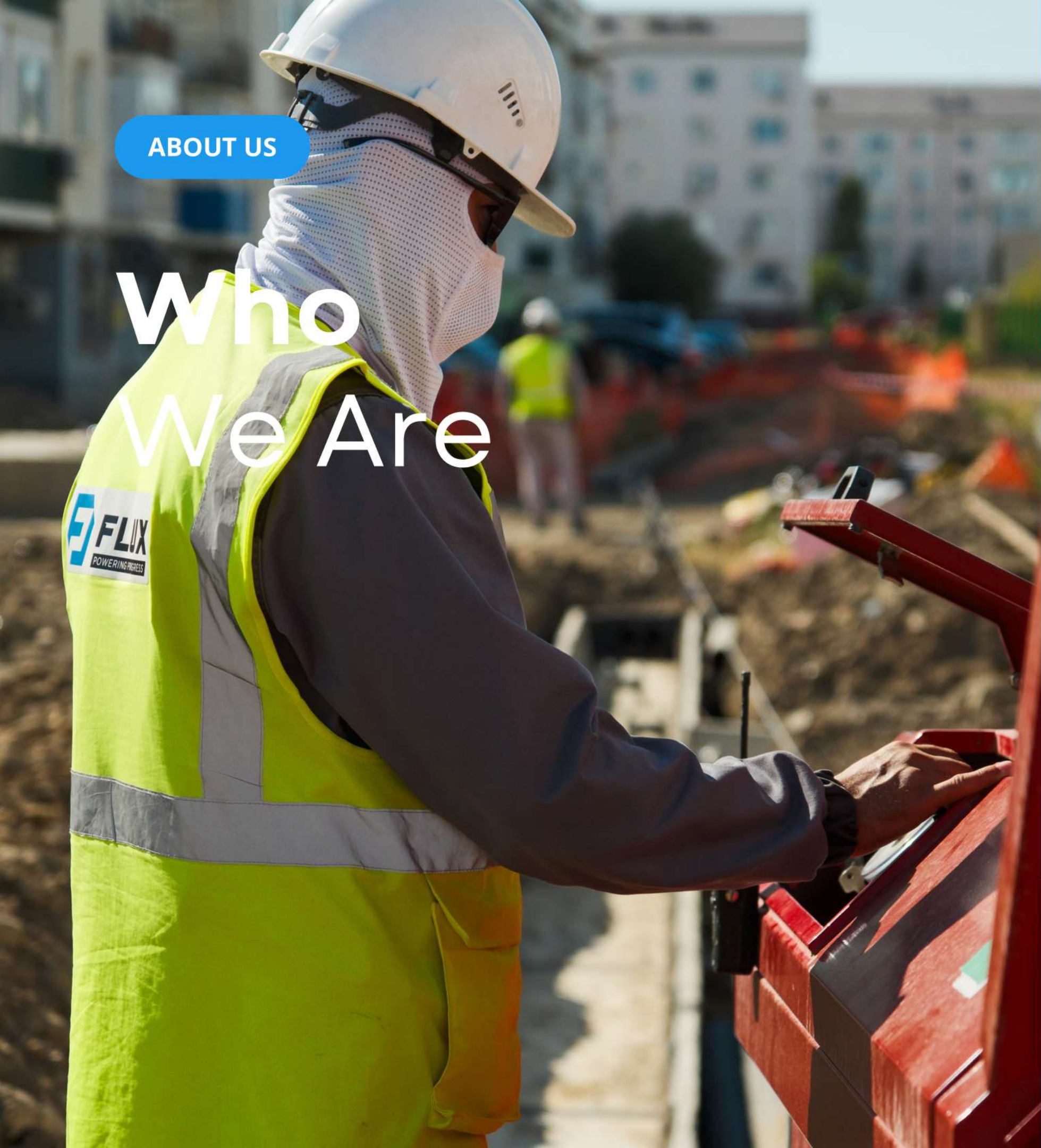
WWW.FLUX.KZ

A person wearing white work pants and white sneakers with orange accents is climbing a metal staircase. The background is a blurred outdoor setting with a chain-link fence and some vegetation.

INTRO

The offering more than
just services.





ABOUT US

Who We Are

Powering Nations with Reliable Infrastructure.

At FLUX, we specialize in delivering reliable infrastructure solutions in power engineering and utility networks.

Our expertise covers high-voltage transmission lines, substations, cable systems, and external utility networks — the backbone of modern infrastructure.

As a trusted partner for governments and businesses across Central Asia, we ensure safety, quality, and efficiency in every project



ABOUT US

Our Value

At Flux, our values are built on responsibility and trust.

Integrity — we work transparently and keep our commitments.

Reliability — every project is delivered with safety and quality as the highest priorities.

Expertise — our knowledge and experience set the standard in infrastructure and power engineering.

Collaboration — we build long-term partnerships with governments, businesses, and communities.

Sustainability — we contribute to the long-term development of Kazakhstan and Central Asia.



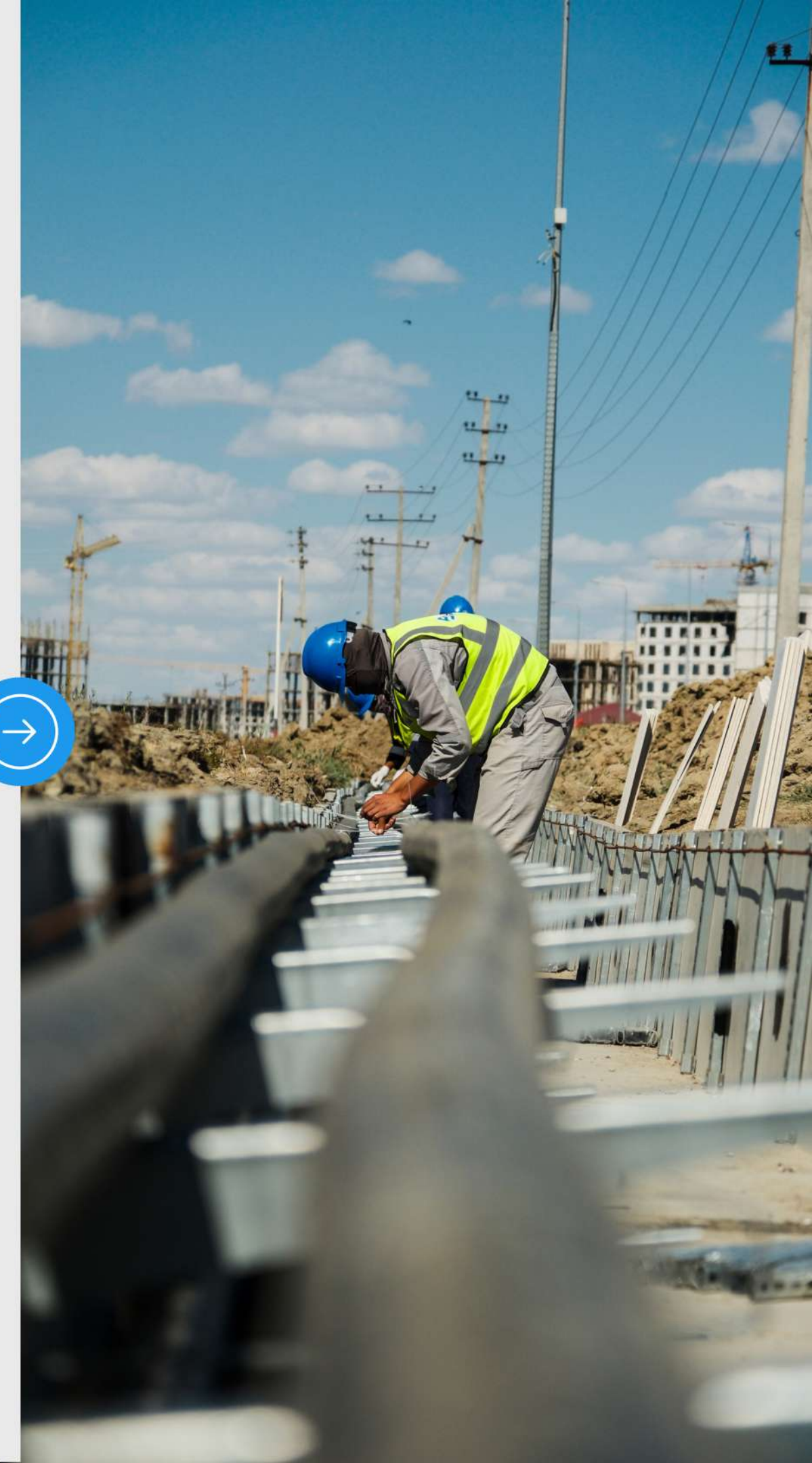
Vision

To be the trusted leader in infrastructure and power engineering across Central Asia, shaping reliable networks that enable national growth and community development.



Mission

Delivering safe, reliable, and efficient infrastructure projects - from power lines to substations and utility networks - creating the backbone for sustainable progress.





ABOUT US

What We Do

Flux provides reliable solutions in power and utility networks — the systems that keep cities, industries, and communities connected.

We design and deliver:

- High-voltage transmission lines
- Substations
- Cable systems
- External utility networks



Objective

Our objective is clear: to provide infrastructure solutions that ensure energy security, reduce risks, and support national growth.



Solutions

From engineering and design to construction and commissioning, Flux offers end-to-end solutions with proven expertise, modern technology, and measurable results

Milestones

130 +

Successfully completed projects,
including **70 transformer**
substations commissioned

100 000

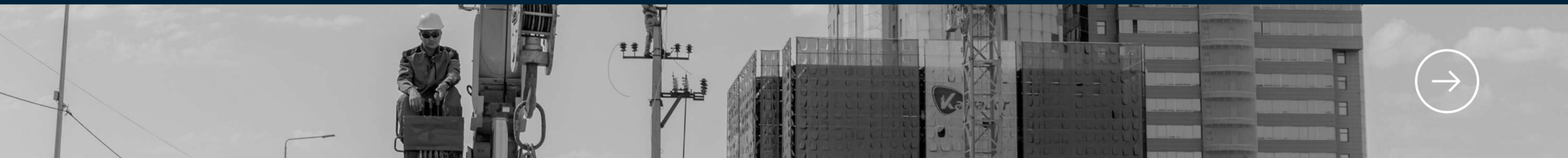
linear meters of underground
power lines installed

100 000

linear meters of overhead
transmission lines constructed

5 000

linear meters of overhead
transmission lines constructed



KEY PROJECTS

Project 01

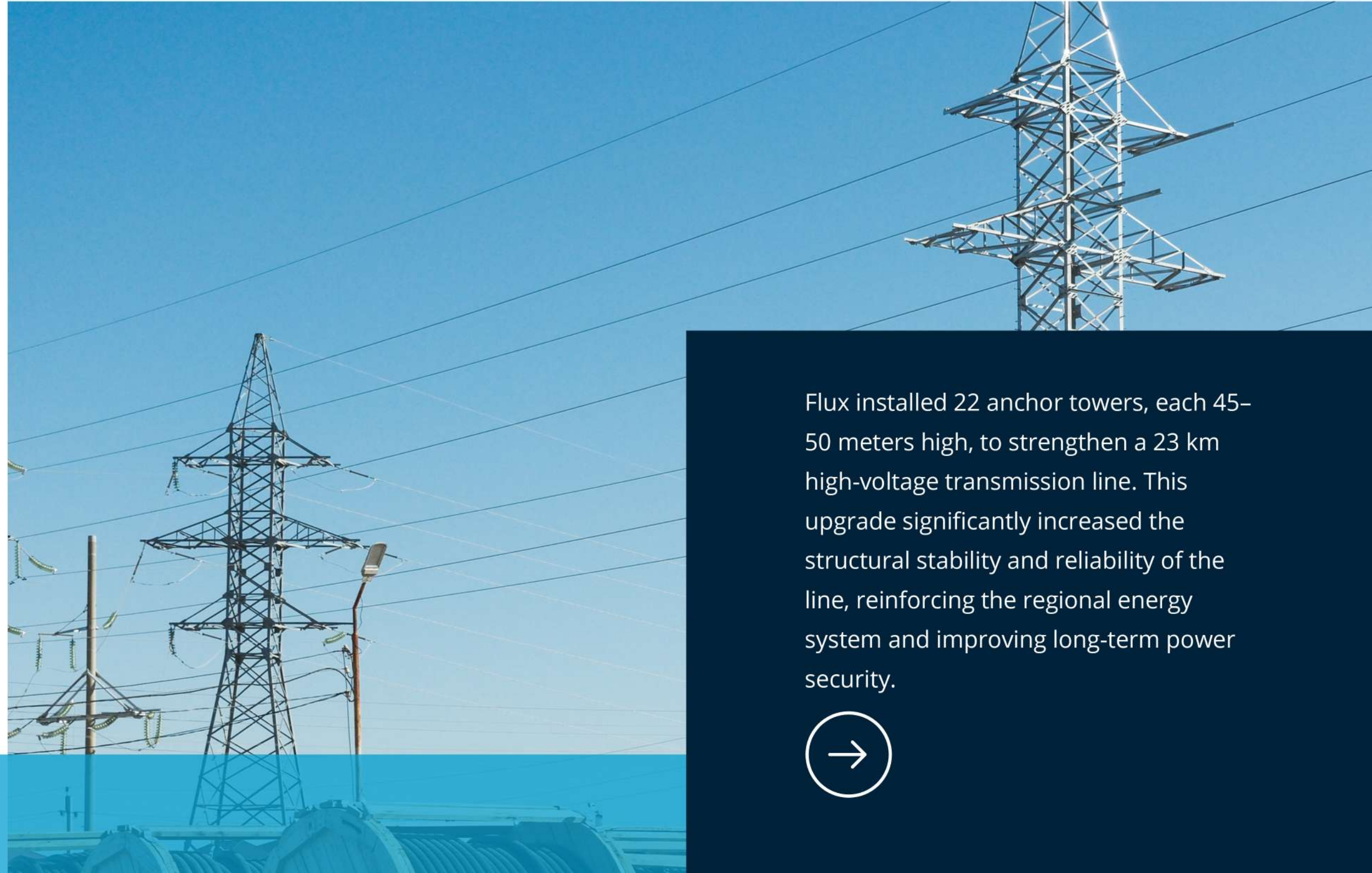
Anchor Towers for 23 km Transmission Line

Year:

2023

Service:

**High-Voltage
Networks**



Flux installed 22 anchor towers, each 45–50 meters high, to strengthen a 23 km high-voltage transmission line. This upgrade significantly increased the structural stability and reliability of the line, reinforcing the regional energy system and improving long-term power security.



PROJECT PORTFOLIO

Project 02

Power Supply for a Neighborhood in Atyrau
City

Year:

2021

Role:

**Construction and
Installation**

Our company laid 6 cables with a voltage of 110 kV, totaling 4500 meters. The cables were installed under several roads and a pipeline. Additionally, various construction and installation works were carried out, including soil excavation and pit cleaning with the creation of neat slopes.



PROJECT PORTFOLIO

Project 03

Construction of Utilities for Three Schools in
Atyrau Region: Aksai, Saryozek, Kurmangazy
(Akkol)

Year:

2024-2025

Service:

**Engineering
Networks**



Flux delivered over **12 km of utility networks**, including water, sewer, gas, and power systems, plus modern telecom infrastructure. The project also included access roads to schools, parking areas, 3,000+ m² of sidewalks with curbs, and construction of a sewage pumping station, providing safe and modern conditions for **3,000+ students**.

PROJECT PORTFOLIO

Project 04

35/10 kV Substation and 35 kV Transmission
Line in Almaly

Year:

2024

Role:

**Construction and
Installation**

Our company laid 6 cables with a **voltage of 110 kV**, totaling **4500 meters**. The cables were installed under several roads and a pipeline. Additionally, various construction and installation works were carried out, including soil excavation and pit cleaning with the creation of neat slopes.



PROJECT PORTFOLIO

Project 05

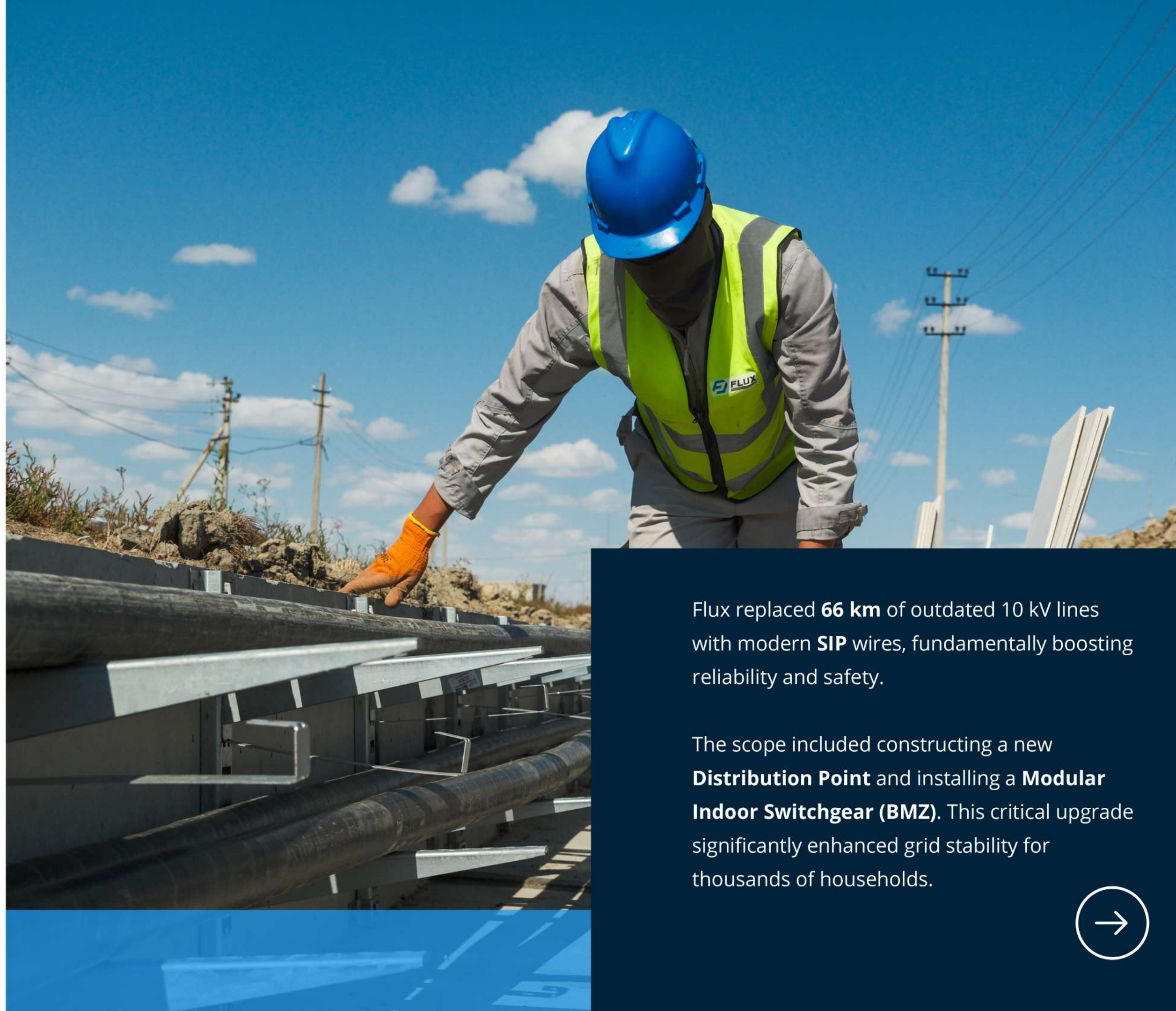
Network Modernization in Nursaya, Atyrau

Year:

2024-2025

Service:

**Network Modernization
& Construction**



Flux replaced **66 km** of outdated 10 kV lines with modern **SIP** wires, fundamentally boosting reliability and safety.

The scope included constructing a new **Distribution Point** and installing a **Modular Indoor Switchgear (BMZ)**. This critical upgrade significantly enhanced grid stability for thousands of households.





How We Work

Our operational model is defined by a non-negotiable commitment to quality, responsibility, and client success:

Safety & Risk Mitigation

Our Zero Accidents culture is our foundational promise. We embed the "Safety First" principle into every plan, ensuring rigorous risk mitigation and active accountability at every organizational level.

Technical Authority & Quality

We ensure technical leadership on every site. Our specialized engineers utilize proven, modern technologies and strict ISO-based quality control to deliver superior efficiency, measured by enhanced grid stability and minimized TCO (Total Cost of Ownership).

Integrated Partnership & Scale

We manage complex projects end-to-end with open dialogue and transparent reporting. We prioritize solving the client's total challenge — from minimizing grid disturbances and optimizing civil infrastructure to meeting the scale and compliance requirements of major industrial partners.



Our Process

The process ensures discipline, accountability, and predictable outcomes at every stage.

Step by step



Planning

Project objectives are defined, risks assessed, and resources allocated to ensure alignment with scope, budget, and schedule.



Design

Engineering solutions are developed in line with industry standards and client requirements, forming detailed execution plans.



Construction

Activities are carried out under strict quality control, continuous monitoring, and full compliance with HSE standards.



Application

Facilities are commissioned, tested, and handed over with complete documentation and post-project support.

Our Service

Our service delivery is supported by a project management approach focused on quality, safety, and on-time execution.



EPC & Site Construction

We deliver comprehensive EPC services for energy infrastructure, managing the deployment of substations, distribution networks, and transformer stations, fully integrating all utility and civil works (KNS, access roads) for a complete, operational solution.



Testing, Diagnostics & Commissioning (ETL)

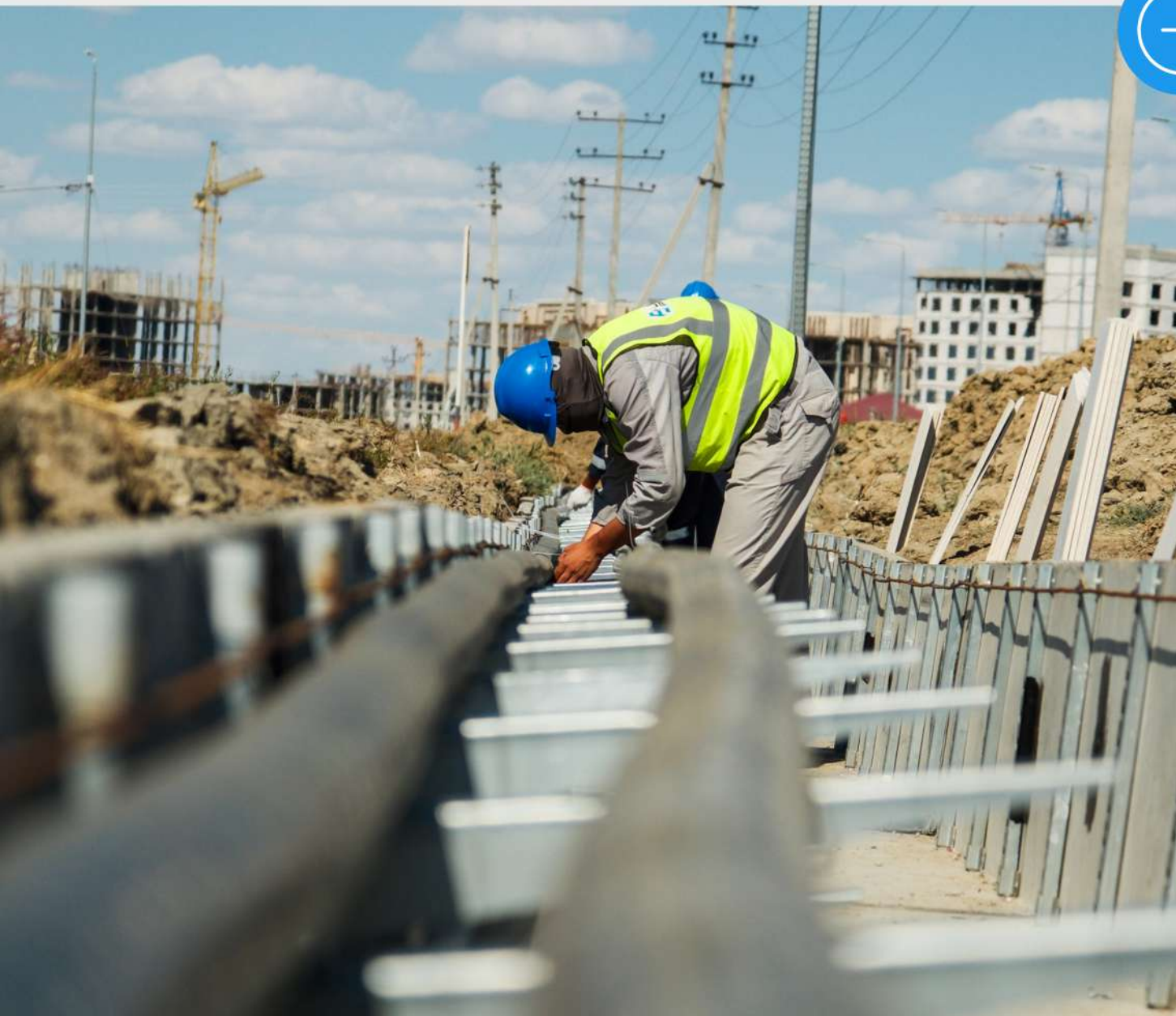
Our ETL services provide critical engineering validation for optimal performance, including comprehensive testing of high-voltage equipment and relay protection systems, plus final commissioning and certification of all new assets.



Asset Lifecycle Management

We maximize asset life and minimize unscheduled downtime through proactive scheduled servicing and technical upgrades, ensuring continuous operational security with 24/7 emergency response to protect your revenue stream.

WHY Choose us?



Operational Resilience

We build systems designed not just to function, but to endure. Our projects maximize grid stability and utilize proven, modern technologies to eliminate unexpected failures, guaranteeing uninterrupted business continuity.

Financial Predictability

Our rigorous approach to quality and project management eliminates cost overruns and delays. We provide schedule certainty and asset reliability that directly minimizes your operating costs and protects your long-term capital investments.

Regulatory Confidence

We function as a full-compliance partner. Our expertise ensures that all deployment and maintenance work strictly adheres to the complex **scale, safety, and regulatory requirements** of major industrial and government operations.

Technical Command

Every project is led by specialized engineers providing technical leadership on site. We focus on engineering solutions that are optimized for your unique challenges, ensuring a level of precision and expertise unmatched in the local market.



Stay in touch



**Feel free to
contact us.**



+7 778 970 58 54



INFO@FLUX.KZ



WWW.FLUX.KZ

