



Press Release

May 22, 2026

7DCHEM: Provides Critical Chems for Ukraine's 1.3 GW Energy Project

Ukraine's Ministry of Energy has officially launched the second phase of a major tender to build 1,322 MW of flexible power generation facilities across high-need regions. As Ukraine accelerates efforts to stabilize its energy grid and restore power security, 7DCHEM (Shanghai Dingwu Jin Chemical Co., Ltd.) , a leading Chinese specialty chemical supplier with deep European market expertise, is poised to support the project with a full portfolio of high-quality, EU-compliant chemical products.

Ukraine's 1.3 GW Power Project: Key Details & Strategic Focus

Approved by the Ukrainian Cabinet on May 22, 2026, the multi-billion-dollar tender targets five regions most affected by power shortages, with a clear goal to boost grid resilience and reduce transmission bottlenecks:

Region	Planned Capacity (MW)
Sumy, Kharkiv, Poltava	872
Kyiv, Cherkasy	250
Dnipropetrovsk Oblast	100
Odesa	100
Total	1,322

The second-phase tender introduces stricter technical requirements and attractive incentives for investors:

- Minimum project size: 10 MW guaranteed capacity
- Safety standards: Mandatory Level 2 protection systems

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- Construction start: November 2026
- Full commissioning: By end of 2027
- Financial support: Up to €0.2792 per kWh compensation for five years post-launch, plus peak-hour price guarantees under a market premium mechanism

7DCHEM: Your Trusted Chemical Partner for Ukraine's Energy

Infrastructure

While the tender focuses on power plant construction, specialty chemicals are the unsung backbone of reliable, long-term operation. With years of experience supplying chemicals to European energy, power, and industrial sectors, 7DCHEM offers a comprehensive product lineup tailored to Ukraine's 1.3 GW project needs:

Power Generation & Substation Chemicals

- Lubricants & insulating oils – For gas turbine generators and transformers, meeting IEC 60296 standards
- Sulfur hexafluoride (SF₆) – High-purity grade for switchgear and circuit breakers, compliant with EU F-Gas regulations (Regulation (EU) No 517/2014)
- Battery chemicals – Sulfuric acid and lithium salts for backup power systems

Water Treatment & Plant Maintenance

- Ion exchange resins – For boiler feedwater and cooling water purification
- Corrosion inhibitors & biocides – Protect pipelines, heat exchangers, and cooling towers
- Cleaning chemicals – Oxalic acid, hydrochloric acid, acetone, and ethanol for equipment maintenance

Construction & Protection Materials

- Epoxy & polyurethane coatings – High-performance anti-corrosion solutions for plant infrastructure
- Flame retardants & firestop materials – For cables, control rooms, and critical equipment

Emission Control & Environmental Compliance



- Ammonia (NH₃) & urea – For SCR (Selective Catalytic Reduction) denitrification systems to meet EU NO_x emission limits

Why 7DCHEM Stands Out for European Energy Projects

- EU Regulatory Compliance: All products meet REACH, CE, and relevant Ukrainian technical standards (DSTU), with complete Safety Data Sheets (SDS) and certification documentation
- Proven European Track Record: Long-term supply to power plants, utilities, and industrial clients across Central and Eastern Europe (CEE)
- Reliable Supply Chain: Strategic inventory and flexible logistics ensure on-time delivery to Ukraine, even amid regional challenges
- Technical Expertise: Multilingual team provides end-to-end support, from product selection to on-site application guidance

Ukraine's Energy Recovery: A Shared Vision for Sustainable Growth

Ukraine's 1.3 GW tender marks a critical step toward energy independence and economic recovery. As a responsible global chemical supplier, 7DCHEM is proud to contribute to this mission, delivering high-quality products that underpin the reliability, safety, and sustainability of Ukraine's new power infrastructure.