M2K Power Grid Newsletter | Q4 2026 Edition

Navigating the Doble-Megger Era: M2K Unveils the Unified Cyber-Secure Grid Asset Management Ecosystem

---

A Message from Our Leadership Team

Dear Valued Partners and Grid Pioneers,

The global power sector is entering a new era of intelligence and integration. Following the official completion of the global merger between **Doble Engineering and Megger Group under ESCO Technologies Inc.** on **October 2, 2026**, the industry landscape has shifted fundamentally toward data-driven, comprehensive asset lifecycle management.

As the long-term, trusted representative of **Doble Engineering** and **Phenix Technologies** (both proud members of the ESCO Utility Solutions Group) in Bangladesh, **M2K Technology & Trading Co.** is exceptionally positioned to guide our local utilities through this transition.

We are not just observers of this merger, we have proactively spent years building the **ultimate multi-sensory, cyber-secure Grid Asset Management framework** capable of magnifying the strengths of this combined global entity.

Beyond the Merger: The M2K Unified Substation Command Center

Modern grids demand full-stack solutions, not isolated hardware components. While the Doble-Megger integration bridges global testing portfolios, M2K has already deployed an unassailable ecosystem that wraps around the entire utility grid lifecycle.

When you partner with M2K, you gain access to an interconnected grid architecture driven by six world-class engineering pillars:

- 🧠 **The Brain | Doble Engineering:** Delivering enterprise software analytics and continuous online condition-monitoring to establish live transformer health indices.
- 🦾 **The Muscle | Phenix Technologies:** Commanding factory acceptance testing (FAT) and site commissioning validation with heavy high-voltage resonant test systems.
- 🌿 **The Lungs | Redragon Corporation (Canada):** Breaking third-party gas monopolies by providing automated, zero-emission SF6 recovery and modern eco-gas alternative processing for Gas-Insulated Substations (GIS).
- 👁️ **The Vision | Ofil Systems & InfraTec GmbH:** Providing multi-sensory visual diagnostics through solar-blind daytime UV corona imaging (arcing detection) paired with German high-resolution thermal hotspots mapping.
- 🛡️ **The Shield | Doble Engineering & BNX Networks Inc.:** Protecting the entire physical architecture with hardened OT/IT cybersecurity frameworks, secure local data lakes, and automated cloud backups.

Proven Execution: $20 Million in Real-World Grid Success

Our capability to manage high-value asset ecosystems is backed by a massive **$20 Million footprint of successfully executed grid projects** across Bangladesh's power generation, transmission, and distribution sectors:

- **In Transmission (PGCB):** Our active deployment of **Doble advanced diagnostic instrumentation** and **Ofil UV Camera** serves as the foundation for our current life, combining Doble-Redragon automated GIS bids now under technical review.
- **In Generation (BPDB, EGCB, BIFPCL, APSCL):** We have commissioned heavy-duty **Phenix test systems and Doble Analytics Instrumentation** to guarantee continuous generation safety.
- **In Distribution (BREB, DPDC, DESCO, WZPDCL, NESCO):** We have commissioned **Doble Analytic Instrumentation, Phenix test systems** and our visual scanning arrays (**Ofil UV and InfraTec IR**) actively protect

distribution nodes from un-scheduled blackouts by intercepting localized component failure early.

Looking Ahead: The Strategic Verdict

As ESCO Technologies unites Doble and Megger into a global ecosystem, M2K stands as Bangladesh’s definitive systems integrator. We bridge electrical testing, environmental compliance, and cybersecurity—scaling our utility pipeline toward a projected $10.3M peak valuation by 2030.We look forward to collaborating with your engineering teams this quarter to deploy these unified, secure asset frameworks across your substations.

Empowering the Grid. Securing the Future.

The Team at M2K Technology & Trading Co.
