

# EU TECHNICAL SERVICES

Energy & Utility Solutions for Textile Industries

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Driving Efficiency. Reducing Costs. Creating Sustainable Textile Futures.



# Who We Are

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- ★ Startup founded by industry veterans with 20+ years of experience
- 🏭 Focused exclusively on the energy needs of textile manufacturers
- 🤝 Trusted by 3 major textile clients in Surat textile hub
- 🔧 Equipped with modern assessment technology for actionable insights



# Challenges in Today's Textile Industry

-  High energy costs – **15-20%** of total production cost in textile manufacturing
-  Inefficient steam and thermal systems with **up to 50%** energy loss across production lines
-  Excessive water consumption and wastewater treatment demands increasing operational costs
-  Growing pressure to reduce carbon footprint – textile sector contributes **6-8%** of global CO<sub>2</sub> emissions
-  Equipment reliability issues leading to unplanned downtime and productivity losses

**16.68 TWh**

Annual electricity consumption by textile sector in India

5th largest industrial energy consumer



**20%**

Global clean water pollution



**4B tons**

Annual CO<sub>2</sub> emissions

Industry sustainability challenges requiring immediate solutions

# Our Core Services: Steam & Thermic Fluid Systems

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- 👤 Steam system assessment: Generation, distribution, utilization, and condensate recovery
- 🌡️ Thermic fluid system evaluation and optimization
- 📈 Advanced diagnostics and performance benchmarking
- 🎯 Targeted strategies for improved reliability and savings



# Efficiency & Environmental Solutions

- 📈 KPI monitoring for operations and energy use with real-time dashboards
- 💧 Fuel efficiency enhancement – reducing consumption by up to 25%
- 💧 Water consumption reduction strategies – conserve up to 30% of current usage
- 🌿 CO2 emissions and environmental impact minimization for sustainability compliance

Typical Fuel Savings

15-25%

Water Conservation

20-30%

CO2 Reduction

10-20%



# Operational Excellence

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-  **ETP Load Reduction**  
Minimize wastewater treatment requirements and costs through process optimization
-  **Equipment Uptime Enhancement**  
Increase machinery availability by 15-25% through targeted maintenance and monitoring
-  **Overall Productivity Maximization**  
Streamline operations to achieve measurable output increases with existing resources
-  **Proactive, Data-Driven Solutions**  
Prevent costly downtime through predictive analytics and real-time monitoring



# Why Choose EU Technical Services?

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- ✔ Over 20 years' proven expertise in textile energy management
- 🏆 Early success with 3 major Surat textile clients improving operational KPIs
- ⚙️ Advanced assessment equipment for precise diagnostics and solutions
- ⚙️ Solutions tailored specifically to textile sector's unique challenges



# Clear Benefits & ROI – Let's Connect

-  Reduce OPEX by 15-25% and enhance market competitiveness
-  Achieve sustainability targets and regulatory compliance
-  Improve equipment uptime by up to 30% and maximize productivity

## Contact Us Today

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## Success Stories

- 25%** fuel efficiency improvement
- 30%** water consumption reduction
- 20%** CO<sub>2</sub> emissions reduction

Let's build a smarter, cleaner, more profitable textile industry together!