



Powering reliable solutions for you

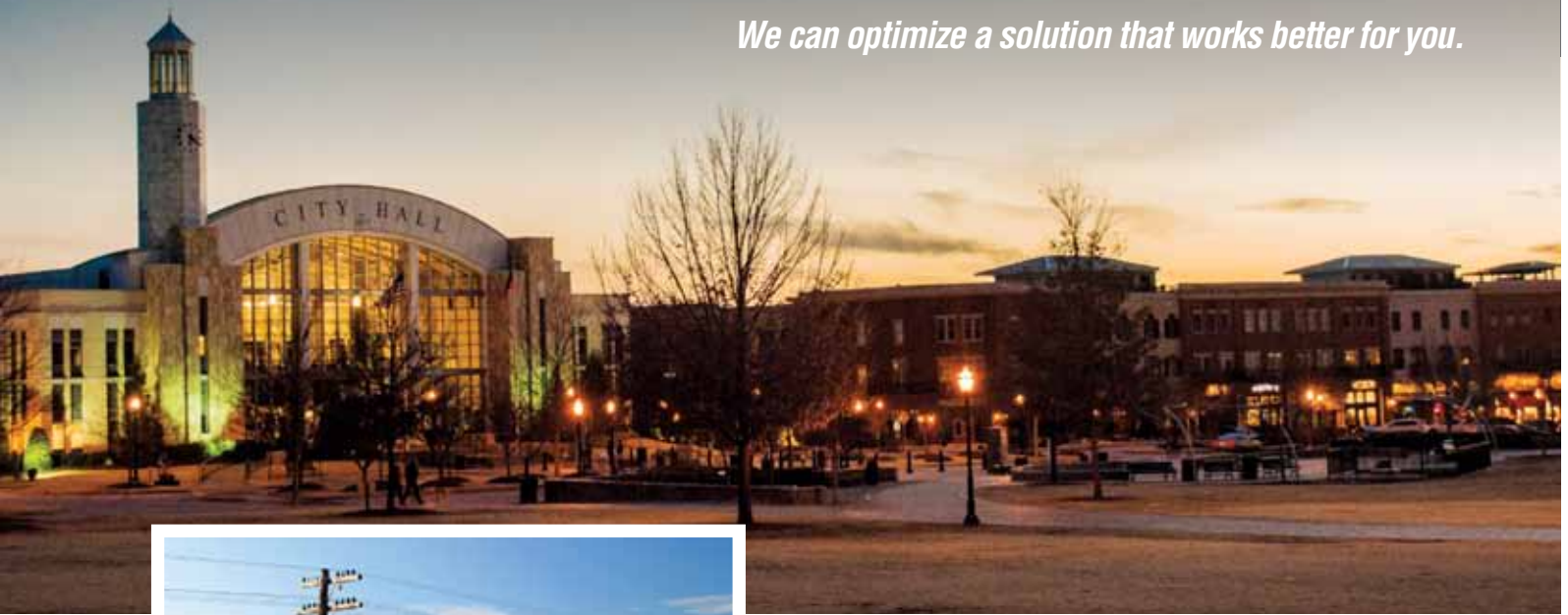
FLEXIBLE INTEGRATED TRANSFORMER SOLUTION

At **Prolec GE** we are committed to building optimized and reliable solutions for your specific needs, along with comprehensive services that fits your project's budget.



Accessible | Reliable | Responsive
Client Tailored | Complete and Integrated Solutions

We can optimize a solution that works better for you.



Understanding your business needs

We work hard to build lasting relationships with our customers, offering not just high quality products but a strong consultative approach to understand and overcome your unique challenges. With a dedicated project management team assigned to support all aspects of your power transformer project, you can be confident **Prolec GE** will provide you with a customized project solution.

Broad technology experience

With the very latest advances in Transformer's Technology, state-of-the-art design tools and leading-edge testing, we incorporate performance and reliability systems into every transformer with proven short-circuit endurance.

Experience and resources for your power project

With more than 40 years of experience, **Prolec GE** knows how to support you during your power project - designing, building, testing, delivering and installing a reliable transformer that outperforms your expectations for a lifetime.

With more than 5,000 transformers installed in North America, plus 40 years of experience and with a North American location near you, **Prolec GE** has the vision, engineering and manufacturing expertise to design, build, optimize and deliver solutions that do precisely what you need.





FIT Solution has a variety of product configurations and comprehensive services that include:

- Substation Medium Power Transformer
- Transportation
- Unloading
- Assembly and Installation
- 24/7 Service

Additional services are also available such as:

- Technical Support
- Field Testing
- Spare Parts
- Training

Substation Medium Power Transformer

Used in a wide range of public utilities, industrial and commercial applications, our transformers consistently meet our clients' expectations. Our designs and manufacturing systems use state-of-the-art technology that when combined with high quality materials and components deliver decades of reliable performance and service.

Using our Substation Medium Power Transformer, we can offer our clients a variety of customized solutions including:

- Primary Substation type
- From 10MVA up to 40MVA base capacity
- High voltage up to 161 kV and BIL 750kV
- Low voltage from 4kV up to 34.5 kV
- With or without Load Tap Changer (OLTC)
- De-Energized Tap Changer (DETC) in the High Voltage Side
- Sealed Tank or conservator design for oil preservation
- Dual Voltages either on Low or High Voltage side

Core and Coil

Our cores are constructed with the highest quality grain oriented silicon steel laminations. Our circular coil design allows for more resistance from short circuit forces.

Excellent Short-Circuit Endurance and Insulation System Design

Using systematic and comprehensive calculation methods supported by our high-tech design tools, our transformers will operate even through severe electrical distribution system disturbances.





“Rigorous quality control - from design and manufacturing, to testing and installation - keeps a close eye on every step in the process. Our internal standards exceed our ISO 9000 certification requirements. We know you can’t afford product failure, so neither can we”.

Technical Support

A dedicated and experienced technical team supports your project from development to completion. Application engineers assist you from early stages of your project, providing recommendations for the proper application, its design, and any unique specifications you need.

Transportation

Moving a transformer that weighs several tons is not an easy task, Our experienced transportation team can deliver your transformer anywhere by train, road, sea or air. We guarantee your transformer will be expertly handled from the time it leaves our facility until it arrives at yours. In addition, **Prolec GE** has a continuous impact monitor systems to verify the handling of your equipment. We also offer optional online GPS and impact monitor systems for clients by request.

Offloading

The offloading process is as important as the transportation process. Your **Prolec GE** team has the knowledge and experience to handle the critical aspects of offloading and placing your transformer into its base or final location.

Assembly and Installation

Due to route restrictions, power transformers are usually transported disassembled, with all detachable accessories removed. **Prolec GE**'s assembly services team provides prompt and complete field assembly of all transformer components.



Field testing

Comprehensive electrical tests are performed on every transformer to verify its integrity. These are executed according to **Prolec GE's** Installation, Operation and Maintenance Manual as well as any additional customer requests. Examples of additional test requests include frequency response, vibration and transients.

24/7 service

After sales support is ready to assist you 24/7 every single day of the year to overcome any operation challenges and keep your units running smoothly. Our Service Centers offer you top level customer service and are supported by our design and technology departments to you get all the assistance you need.

Spare parts

Prolec GE stocks a wide range of spare parts for immediate delivery. If a part is not immediately available, we can generally provide our clients parts with very competitive delivery time. We also offer installation of these specialized parts to reduce down time of your transformers.

Training

Prolec GE offers training courses taught by our experts, which cover the most important aspects of the transformers and operation details. These courses include solid technical references such as international norms, technical literature, industrial practices and our own research and developmental findings.



FLEXIBLE... *configurable to your specific needs*
INTEGRATED... *under a unique project management scope*
TRANSFORMER... *our legacy quality to back you up*

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