

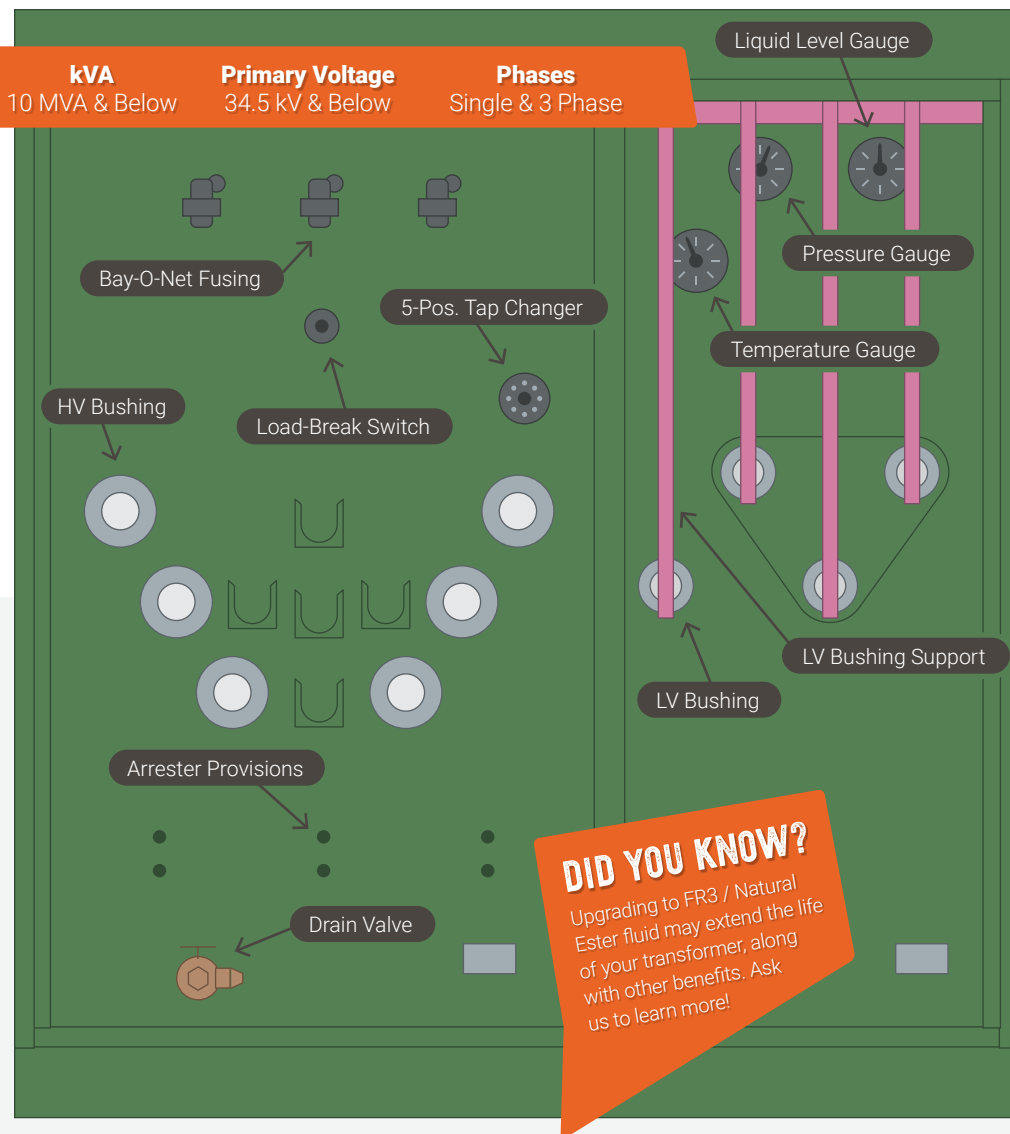
# JCLEENERGY

**WE ARE ⚡ TRANSFORMERS**



## We have the Padmounts for your next Project or Crypto Mining site!

As your go-to resource for **New** and **Reconditioned** Padmounts, we operate with **fast, friendly, effective** and **efficient** service!



### Standard Features

- Live Front / Dead Front
- Loop / Radial Feed
- Liquid Level / Temp Gauges
- Pressure Vacuum Gauge
- Drain Valve and Sampler
- Non-PCB Type II Mineral Oil
- Upper Filter Press Connection
- Pressure Relief Valve
- NEMA Two-Hole Ground Pad
- External Clamped HV / LV Bushings
- Welded Cover with Handhole
- Tamper Proof Enclosure
- Secondary Spade Connectors
- Reinforced Steel Plate Tank
- Stainless Steel Nameplate

### Optional Features

- 50 Hz Frequency
- 55/65° Temperature Rise
- High FP Natural Ester
- Stainless Steel Enclosure
- Dead Front Connection Parts
- Bayonet And Current Limiting Fuses
- Loadbreak Oil Sectionalizing Switches
- Secondary Mold-Case Breakers
- Lighting Arresters
- Metering Package
- CT's, PT's, Contacts ...and much more!

Many ready-to-ship options are available, meeting all NESA, ANSI C.57, DOE and IEEE standards!

\*UL Listings Available!

### Reconditioning Process

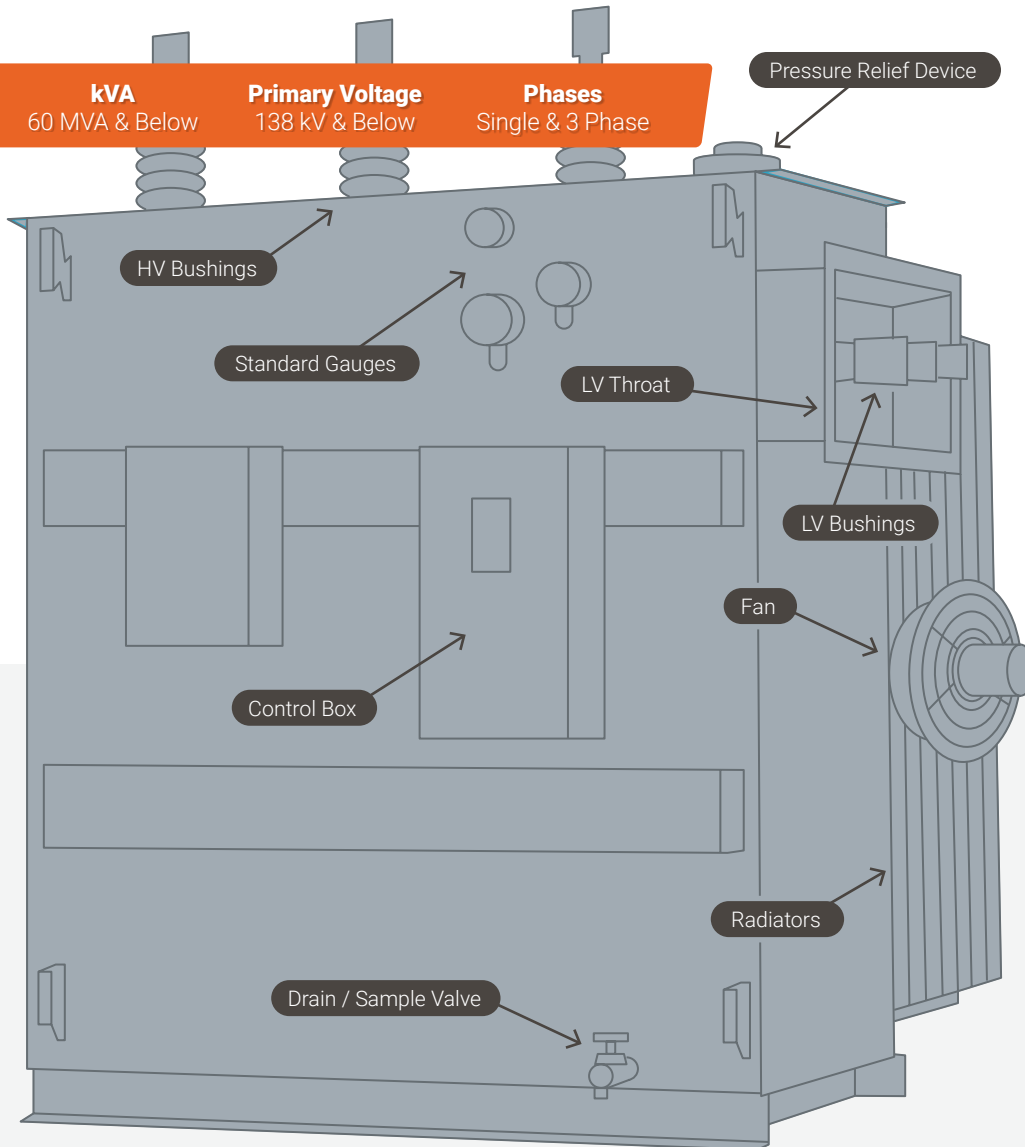
We ensure that all of our Reconditioned Padmounts are methodically tested and restored - backed by our 3-Year Warranty.

Our process includes, but not limited to:

- TTR and Megger Testing
- HV / LV Winding Resistance Testing
- Phase Polarity Testing
- Impedance Testing
- No Load and Load Loss Testing
- Oil Dielectric Sampling
- Pressure Testing
- DOBLE Testing (upon request)
- Gasket Inspection / Replacement
- Pipe fittings are resealed
- All components are inspected, tested and replaced, if needed
- Fluids tested / processed or replaced
- Finished with a high-quality industrial paint. Custom colors **are** available
- QC Department performs final testing before unit is deployed into the field

## Our Substations are ideal for your commercial or industrial projects!

As your go-to for **New** and **Reconditioned** Substations, customers know **JCL Energy** provides the highest-quality equipment.



### Standard Features

- Dial-Type Thermometer
- Liquid Level Gauge
- Secondary Spade Connectors
- Pressure Relief Valve (smaller kVA's)
- Reinforced Steel Plate Tank
- High-Grade Silicone-Steel Core
- Non-PCB Insulating Fluid
- NEMA Two-Hole Ground Pad
- Base Suitable for Rolling or Skidding
- Provision for Jacking or Lifting
- Welded Cover with Handhole
- No-Load Tap Changer (when required)
- Type II Mineral Oil
- Fan Cooling
- Custom Terminal Boxes
- Pressure Relief Device

### Supplying To

- Electrical Contractors
- Industrial Applications
- Renewable Energy
- Data Centers / Cryptocurrency Mining
- ... and **more!**

Customers trust **JCL Energy** to provide the highest-quality Substation Transformers. We operate with fast, friendly, effective and efficient service!

**New / Reconditioned** Substations **in-stock**, meeting all NESA, ANSI C.57, DOE and IEEE standards!

 \*UL Listings Available!

### Reconditioning Process

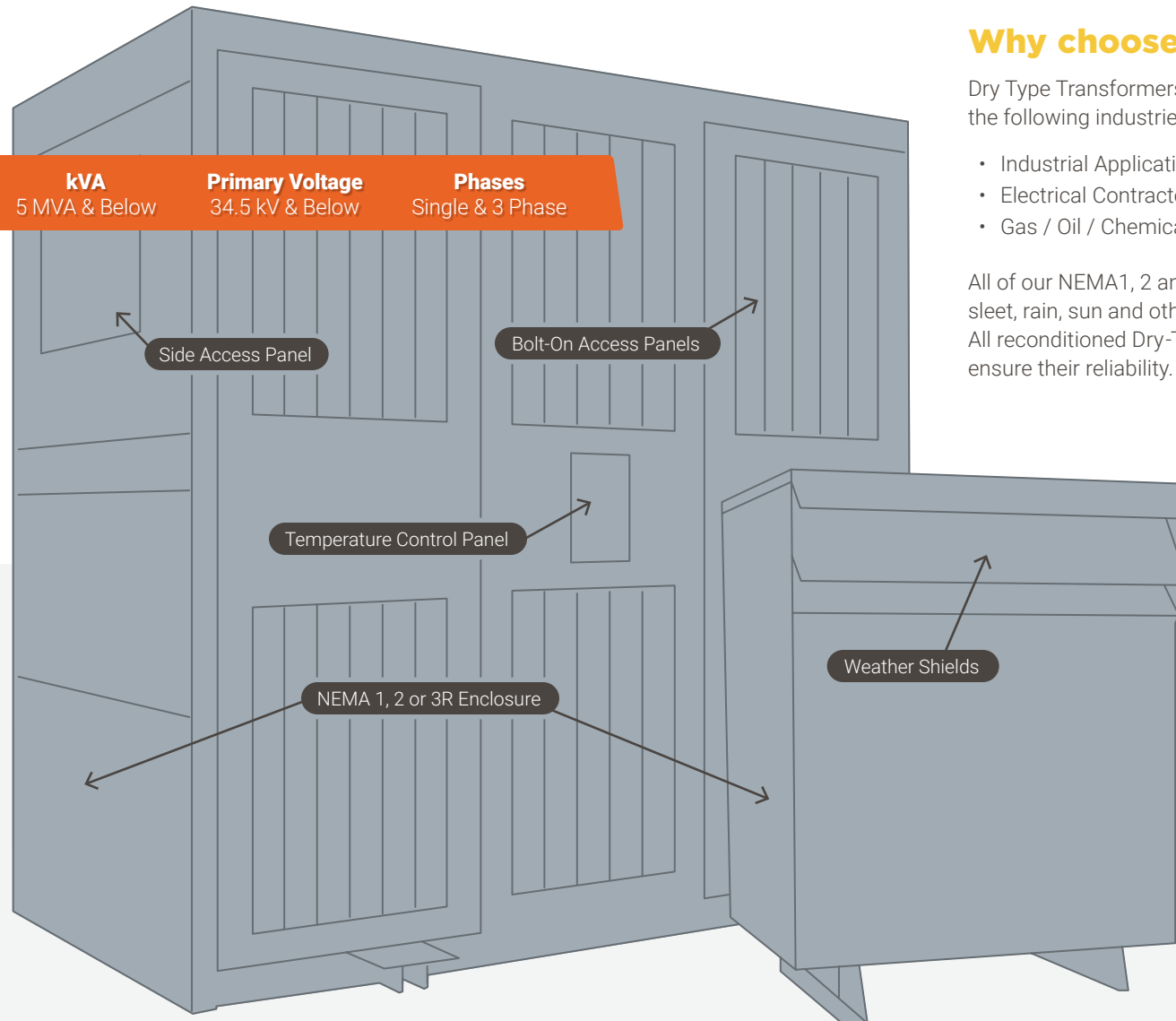
We ensure that all of our Reconditioned Substations are methodically tested and restored - backed by our 3-Year Warranty.

Our process includes, but not limited to:

- TTR and Megger Testing
- HV / LV Winding Resistance Testing
- Phase Polarity Testing
- Impedance Testing
- No Load and Load Loss Testing
- Oil Dielectric Sampling
- Pressure Testing
- DOBLE Testing (upon request)
- Gasket Inspection / Replacement
- Pipe fittings are resealed
- All components are inspected, tested and replaced, if needed
- Fluids tested / processed or replaced
- Finished with a high-quality industrial paint. Custom colors **are** available
- QC performs final test before deployment

## Our Dry-Type Transformers are ready for your application!

As your go-to for **New** and **Reconditioned** Dry Types, our quick leads times will get your project up and running in no-time!



### Why choose Dry-Type Transformers?

Dry Type Transformers are excellent alternatives to oil filled transformers! We cater to the following industries, **and** more:

- Industrial Applications
- Electrical Contractors
- Gas / Oil / Chemical Industries
- Fire Hazard Areas
- Fragile Environmental Locations

All of our NEMA1, 2 and 3 units are stored inside our warehouse - away from snow, sleet, rain, sun and other conditions. Looking for reconditioned, instead of buying new? All reconditioned Dry-Types go through our industry leading reconditioning process to ensure their reliability.

**New and Reconditioned** Dry-Types **in-stock** and **ready to ship**, meeting all NESA, ANSI C.57, DOE and IEEE standards!

 \*UL Listings Available!

### Reconditioning Process

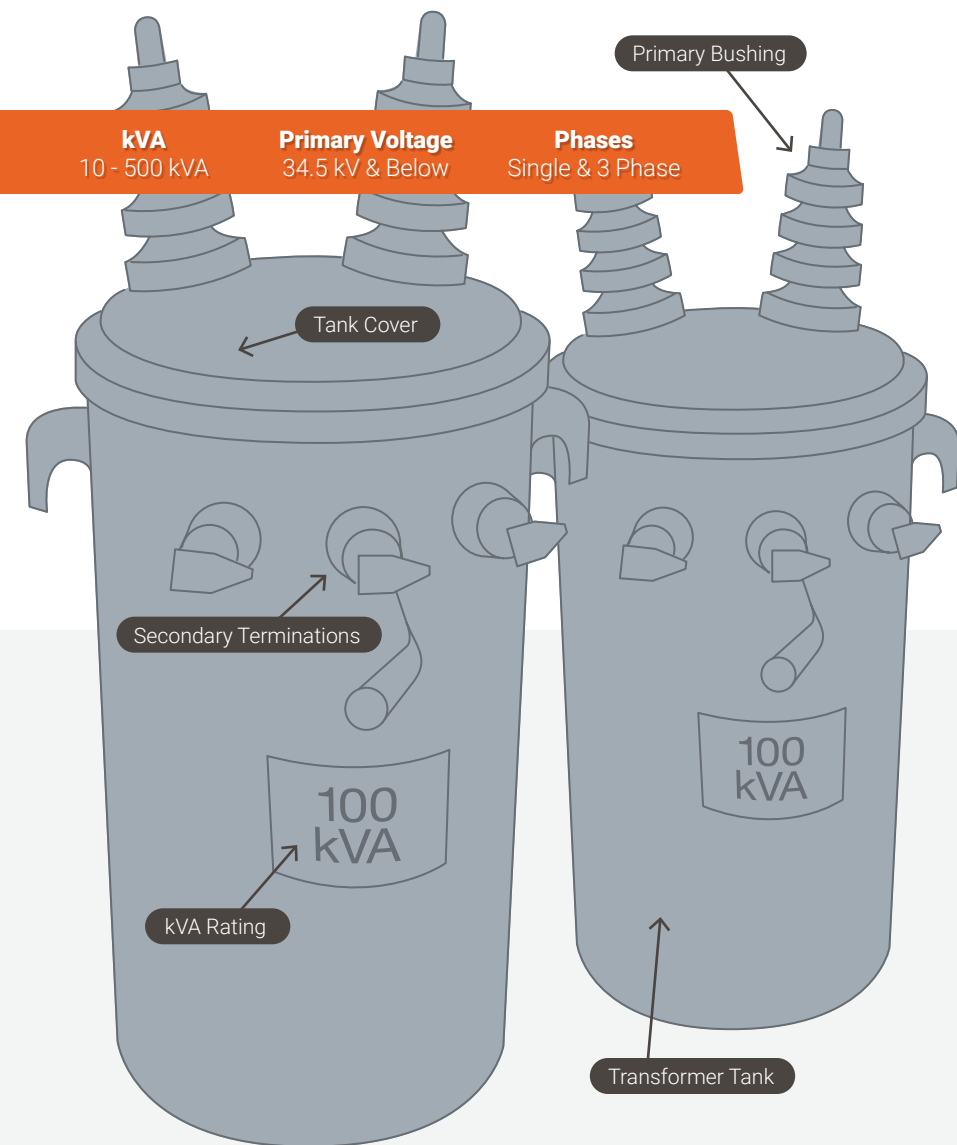
We ensure that all of our Reconditioned Dry-Types are methodically tested and restored - backed by our 1-Year Warranty.

Our reconditioning process includes, but is **not** limited to:

- TTR and Megger Testing
- HV / LV Winding Resistance Testing
- Phase Polarity and Impedance Testing
- No Load and Load Loss Testing
- QC Department performs final testing before deployed in the field

## Our Polemounts are guaranteed for optimal performance!

Need a bank, with matching impedances, or a single Polemount for your project? JCL Energy is a great place to start searching!



### Standard Features

- Lifting Lugs
- ANSI Support Lugs
- Arrester Mounting Pads
- Polyester Insulated Cover
- Tank Ground Pad
- High-Voltage Porcelain Bushing(s) w/ Eyebolt Terminals
- Low-Voltage Bushings
- Low-Voltage Neutral Grounding Strap
- Oil Fill Plug w/ Cover Ground Strap
- Low-Voltage Leads
- Self-Venting / Resealing Cover
- Corrosion-Resistant 15 kV Dielectric Insulation on Cover
- Durable, Corrosive-Resistant Paint

### Optional Features

- Primary Protective Link
- Surge Arrester
- Secondary Circuit Breaker
- Secondary Breaker Operating Handle w/ Emergency Overload Reset
- Overload Signal Light, if desired

We have thousands of Polemount Transformers **in-stock** for your residential or commercial application, **ready to ship!** Whatever your need, you will get exactly what you need! And, **fast!**

**New and Reconditioned Polemounts in-stock!** Ready to ship options available!

 \*UL Listings Available!

### Reconditioning Process

We ensure that all of our Reconditioned Polemounts are methodically tested and restored - backed by our 3-Year Warranty.

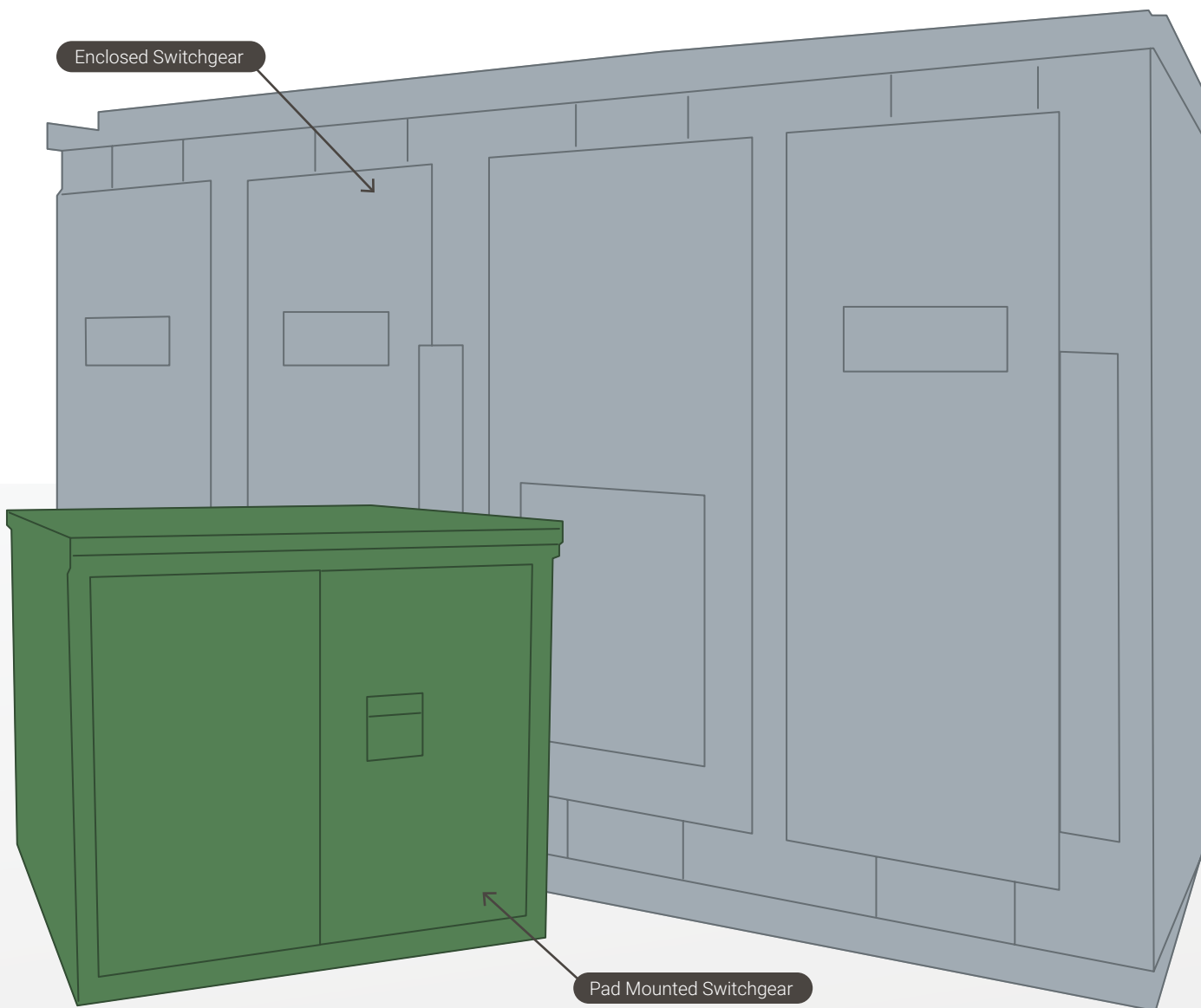
Our process includes, but **not** limited to:

- TTR and Megger Testing
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- No Load and Load Loss Testing
- Oil Dielectric Sampling
- Pressure Testing
- Gasket Inspection / Replacement
- Pipe fittings are resealed
- All components are inspected, tested and replaced, if needed
- Fluids tested / processed or replaced
- Finished with a high-quality industrial paint. Custom colors **are** available
- QC Department performs final testing before unit is deployed into the field



## We have Switchgear suited to all of your needs!

We can assist with your project and depending on your facility's specifications, you can incorporate different product features.



### Switchgear Offerings

- Breakers
- High-Voltage Fuses
- High-Voltage Outdoor Power Circuit Breakers and Switches
- Low / Medium-Voltage Power Circuit Breakers
- Medium-Voltage Load Interrupter Switches
- Pad-Mounted Switching Equipment
- Power Switchgear Assemblies
- Reclosers and Sectionalizers

**New** and **Reconditioned** options available on most Switchgear product offerings!

 \*UL Listings Available!

### Switchgear Applications

- Utility Distribution Circuits
- Utility and Industrial Substations
- Micro-grids
- Distributed Energy Resources
- Renewable Energy Systems
- Buildings with Medium-Voltage Circuit Breakers for Distribution Circuits
- For Industrial Applications, a Transformer and Switchgear may be combined in one housing



# JCL ENERGY | WE ARE ⚡ SERVICE/REPAIR

## Your First Responders for Electrical Needs and Live-Time Problem Solving!

With JCL Energy's "boots on the ground" mentality, our tight-knit group of highly trained professionals offer **fast, friendly** and **reliable** service.



### DID YOU KNOW?

For retro-fit / replacement units, we will visit your project site to ensure **exact** measurements and fit.



### Our Services Include

- Component Replacements
  - Bushings, Gauges, Valves
- Megger / TTR / Resistance Testing
- Oil Sampling / Analysis
  - DGA, Moisture, PCB, Oil Screen
- Rewinds / Pulling Turns
- Remote Sample Device Installations
- Oil Processing
- Fluid Top Off
- Internal Inspections
- Field Dress / Test
- Component / Gasket Leak Repairs
  - Bushings, Gauges, Valves
  - Radiators
  - Small Weld Leaks

Our Technicians will inspect, test and repair your transformer to ensure it returns to you at ANSI Standard!

### Emergency Response

- Ready to Ship Units in Stock
- Immediate Delivery
- 24/7 – 365 Day Responsive Service
- Unit Replacement for:
  - Disaster Relief
  - Temporary Power
  - Explosion and Fire Damage

Expanded

**Our Field Service team is on-hand, and ready to go 24/7!**

Count on us for **fast, reliable, and expert problem-solving** for all your transformer field service and repair needs.

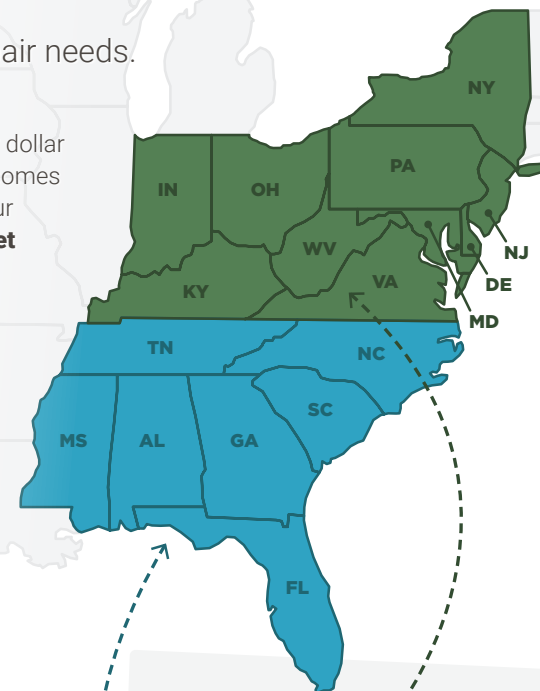


When every second counts, and every dollar matters, don't take a chance when it comes to the service and maintenance of your transformer units. **Call the best and let JCL Energy lead the charge on all of your Field Service needs!**

We are **always** focused on providing expert problem-solving and solutions to keep you up and running.

## Our Services Include

- Component Replacements
  - Bushings
  - Gauges
  - Valves
- Megger / TTR / Resistance Testing
- Shutdowns / Outages
  - **Emergency** Responses
- Oil Sample Analysis Testing
  - DGA, Moisture, PCB, Oil Screen
  - ... and More
- Remote Sample Device Installations
- Oil Processing
- Fluid Top Off
- Internal Inspections
- Field Dress and Test
- Component / Gasket Leak Repairs
  - Bushings, Gauges, Valves
  - Radiators
  - Small Weld Leaks



## Northeast

Including...

PA / OH / IN / WV / VA / NY / NJ

**Chad Wilkinson**

**Cell** ..... 330.506.6238

**Email** ..... CWilkinson@JCL.Energy

**Phone**..... 724.983.1300

## Southeast

Including...

SC / NC / TN / MS / AL / GA / FL

**Tyler Berryhill**

**Cell** ..... 864.360.4767

**Email** ..... TBerryhill@JCL.Energy

**Toll Free** .. 866.983.1300



## Need a Temporary Power Solution? We have you covered!

No matter what your temporary power needs are, **JCL Energy** gets you up and running with a custom solution that fits perfectly!



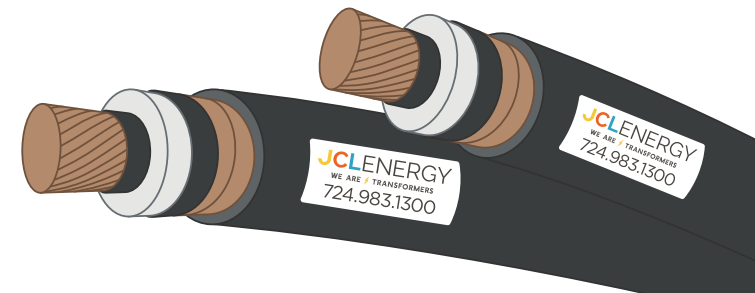
If you need temporary power, have a short-term project or if you're waiting for delayed or repaired equipment to arrive – call **JCL Energy** today!

Whether you're seeking high or low voltage options, we will work with you to customize a rental option that fits the demands of your project.

**All** of our rental Transformer and Cable options are guaranteed to meet all respective industry standards!

### Rental Options

- **Padmount Transformers**  
5MVA & Below / 34.5kV & Below / Single & Three Phase
- **Substation Transformers**  
60MVA & Below / 138 kV & Below
- **Dry-Type Transformers**  
5MVA & Below / 34.5kV & Below / Single & Three Phase
- **Rental Power Cables**  
50' and 100' length Medium Voltage Cables available



## Easy Transactions. Satisfaction Guaranteed!

JCL Energy purchases new and used equipment every day - and makes the entire process easy!



Sell us your surplus, and help us to decrease our environmental impact one reconditioned transformer at a time.



Jim Landino, Founder

We buy surplus,  
like **drunk monkeys!**



(or him)

## Sell Us Your Surplus!

It may sound a little silly, but the "Drunk Monkey" mentality is our fun approach to a process we take **very** seriously! We want to buy your excess equipment, whether it's:

- Transformers
- Switchgear
- Components / Fuses / Fluids
- ...and more!

When you call, or request, our **JCL Energy** Purchasing Manager, you can expect:

- Fast and Friendly Negotiations
- Knowledgeable Conversations
- Logistical Convenience [ We Handle Transport ]
- A Guaranteed FMO [ Fair Market Offer ]



**Matt Clune**  
Purchasing Manager

Email ..... MClune@JCL.Energy

Phone..... 724.983.1300



We do need a couple of things before we can lend our FMO [Fair Market Offer] for your Surplus! Please provide a few **photos** of your equipment, along with the **nameplate**, **test reports** and **oil analysis**. Thank you!





## Thousands of Transformer Components at your finger-tips!

JCL Energy stocks a large number of components – ranging from gaskets, elbows, arrestors and more!

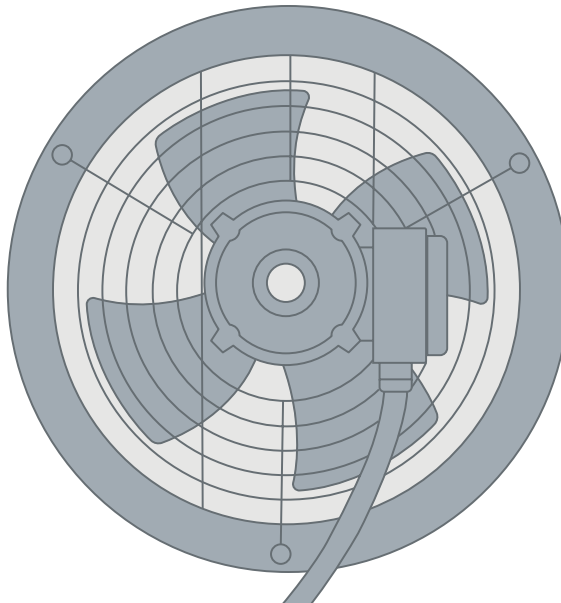
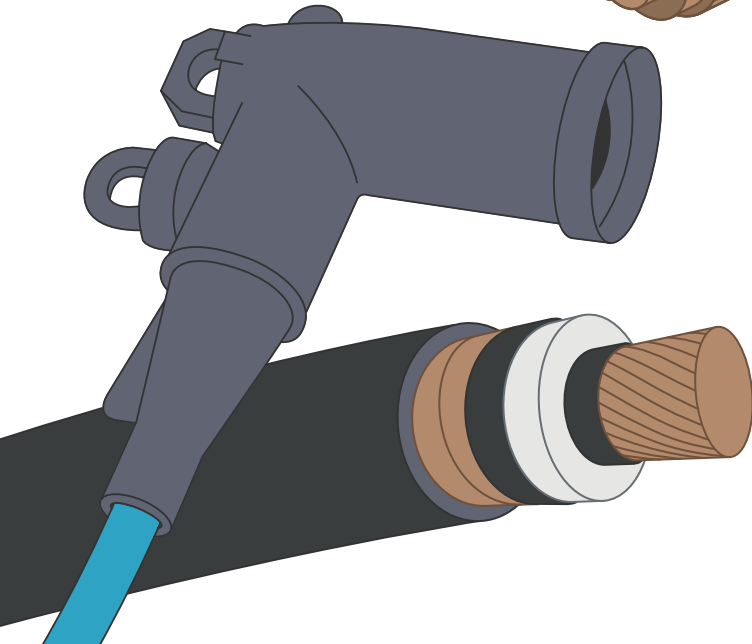
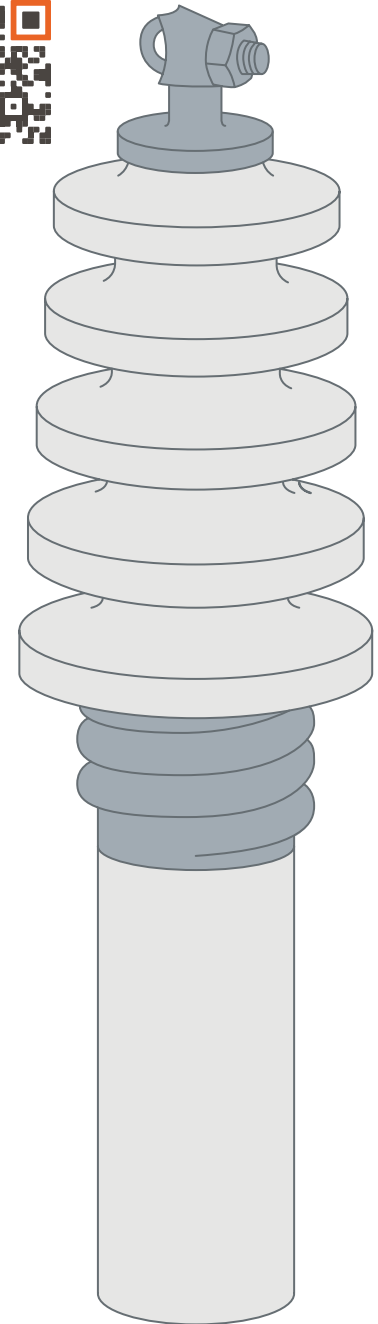
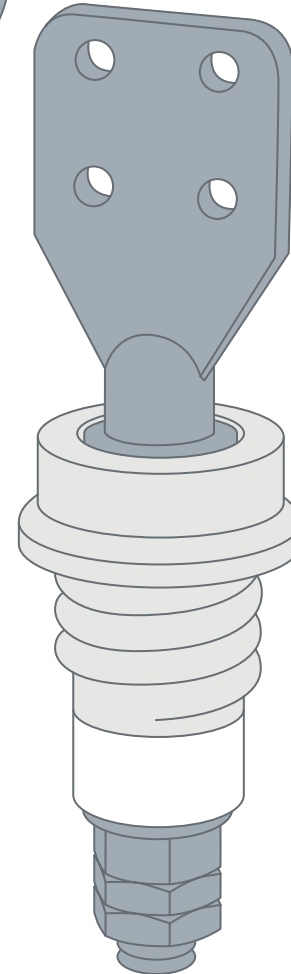
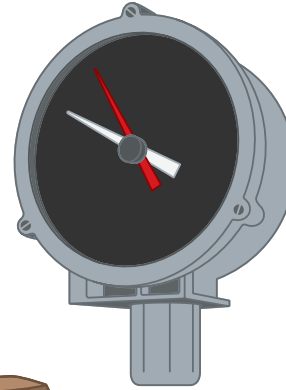
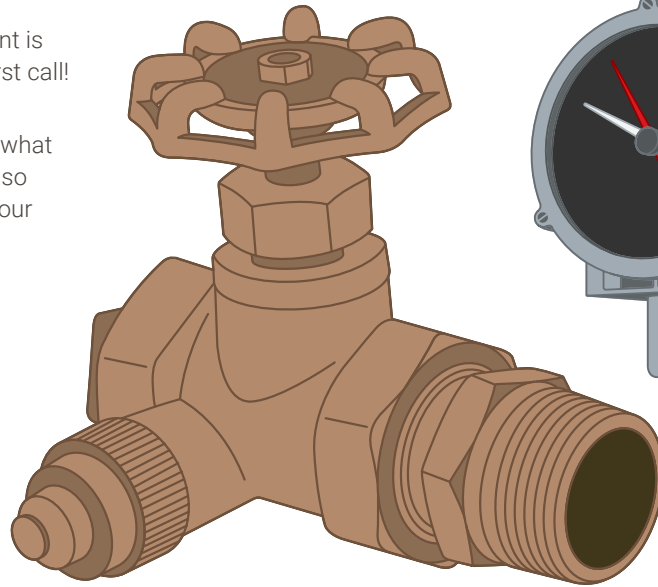


When time is of the essence or when a component is needed off of the shelf, make **JCL Energy** your first call!

We work hard in studying market trends to know what to have readily available for our customers. We also stock one-off rarities, that could be worked into your project in a pinch!

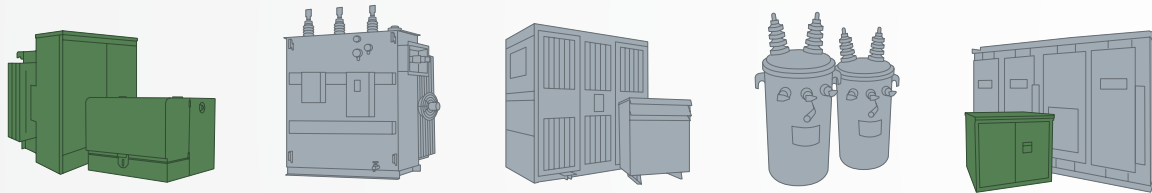
### Components Including

- Gaskets
- Elbows
- Arresters
- Fusing
- Gauges
- Bushings
- Fan Packages
- Spades
- ... and **more!**



# JCL ENERGY

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**866.983.1300**

**Sales@JCL.Energy**

**www.JCL.Energy**



**YOUR INDUSTRIAL TRANSFORMER EXPERTS**

