



ELECTRIFICATION SERVICES

- » Sustainability/carbon reduction goals?
- » Production bottlenecks?
- » Interest in electric technology?
- » Don't know where to start?

Evergy offers its commercial and industrial customers a service to help address those needs.

Whether it is support on a specific product of interest, or an entire facility walk-through assessment of how electric technologies may fit into your operation, we can help.

Electric technologies can help customers address environmental goals while considering economic and production requirements.

Often this is accomplished with a lower life-cycle cost, increased throughput, and/or improved quality control.



BENEFITS CAN INCLUDE:

Reduce bottlenecks

- Improves production

Cleaner

- No combustion emissions
- CO2/GHG reductions

Safer

- No open flame
- Better indoor air quality
- No fuel storage required

Quieter

- Reduces ambient noise
- Allows for better communication

Less Maintenance

- Reduces maintenance expense
- Decreases downtime

Savings

- Cycles off when not in use
- Potential lower total cost of ownership

ON THE NEXT PAGE FIND A FEW AREAS WHERE ELECTRIC TECHNOLOGIES MAY HELP



Infrared Space Heating

Infrared heat provides heat to the object without heating the air around it. Think of the sun warming your face on a winter day.

Infrared heating can provide economical and practical solutions to address:

- Spot heating/area heating
- Equipment heating
- Parts warm up
- Drying



Infrared Heating/Curing/Drying

Applications include:

- Pre-heating
- Supplemental heating
- Curing
- Improved quality control

Solutions are flexible and scalable with no on-site carbon emissions.



UV Heating/Curing

Applications include:

- Curing inks, coatings, adhesives
- Polymerization of coatings
- Disinfection



Commercial HVAC

Electric HVAC systems have advanced in performance and efficiency, improving comfort and control.

Potential Solutions:

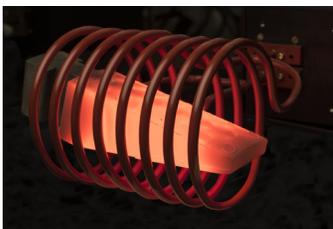
- VRF/VRV
- Heat recovery chillers
- Heat pumps
- Geothermal



Induction Heating

Applications include:

- Quick and highly controllable component heating
- Heat only the area needed



Electric Forklifts

Electric forklifts are quickly gaining market share of indoor/outdoor lifts.

Battery and charging evolution make it possible to operate seamlessly for an entire shift.

Electric forklifts do not impact indoor air quality. They are also quieter than non-electric lifts, allowing for improved communication and safer operation.

Evergy has electric forklifts in many of our operation centers, including a 12,000 pound-rated lift used at our Topeka Operations Center. We would be glad to share our electric forklift experiences with you.



Electric Transport Refrigeration (eTRU) units

Features:

- Eliminates diesel engine operation when connected
- Allows compliance with new idling laws
- Operational savings over burning a fuel

Electric Terminal Trucks

Features:

- Quiet and smooth operation
- Reduced maintenance
- Less downtime
- Significant environmental benefits



Fleet Electrification

Assist customers in the transition to electric fleets

- Grant application assistance
- Infrastructure design
- Rate options

Interested?

Contact your Evergy Customer Solutions Manager, call our Business Center at **1-800-585-4248**, or email electrification@evergy.com to schedule a discussion about your specific needs.