

Airport Ground Support Equipment



Did You Know?

Airport ground support equipment (GSE) – such as ground power units, pushbacks, tug/tow tractors and belt loaders – can be well-suited for electrification because it benefits from low-end torque and has frequent start/stops, idle time and short required ranges.

GSE Makes Sense

- Electric charging stations can be safely placed in more locations throughout an airport than diesel refueling stations, reducing GSE traffic and nonproductive travel.
- GSE reduces emissions and fuel costs, decreasing exposure to volatile gasoline prices.
- Operation of GSE is quieter, cleaner and healthier.

Benefits of Electric Equipment

- Reduced life cycle costs – Electric-powered equipment features 90% fewer moving parts than internal combustion-powered engines and has no engine fluids or hoses. This helps reduce maintenance costs and allows you to shift time and labor to production instead.

- Lower fuel consumption – Making the switch can help you reduce fuel costs by up to 70% and decrease exposure to more volatile fuel prices.
- Less noise and increased safety – The quiet operation of electric-powered equipment means that workers can hear better and pay more attention to the activities around them. Overall, electric equipment helps create a safer work environment.
- Cleaner and healthier work environment – Electrotechnology produces zero site emissions. Equipment does not produce harmful particulates, hydrocarbons or carbon monoxide so workers can breathe easy.

Electric Equipment Includes:

- Pushbacks/Tugs
- Tow/Baggage loaders
- Belt loaders
- Ground power units
- Preconditioned air units

Free Consultation

As an Ameren Missouri customer, you can get a free consultation to help you discover how making the switch to electric can enhance your business. When you schedule a consultation, you will meet with an Energy Solutions account member to:

- Review existing GSE characteristics, operational habits and available infrastructure
- Discuss the benefits and advancements of GSE
- Receive full cost-benefit and emission-reduction analysis
- Develop a customized recommendation report

Application Process

The application can be completed by the customer or the dealer.

Questions?

For more information, call us toll-free at 1.314.335.1240 or email us at energysolutions@ameren.com.

