



# Plug Into the Benefits.

## Electric Forklifts

### Did You Know?

Entergy customers can replace internal combustion-powered forklifts with electric forklifts to reduce maintenance and fuel costs, improve safety and reduce air and noise pollution; and we're making it easier with **incentives of up to \$500 per forklift.**

### Electric Forklifts Make Sense

- Reduced ownership, maintenance and fuel costs
- Healthier, safer, cleaner and quieter work environments
- Better environmental profile

### Do I Qualify?

- To participate, customers must purchase or lease a class 1, 2 or 3 electric forklift.
- Electric forklifts must:
  - Replace an internal combustion unit, or
  - Be a first-time forklift purchase, or
  - Be an expansion to an existing fleet.
- Electric equipment replacing existing electric equipment does not qualify.
- Submit incentive application and documentation within 180 days of delivery or invoicing.

- Leased electric forklifts are eligible for the full incentive.
- Applicants must install electric forklift charging infrastructure at a facility that has electric service billed under an Entergy electric rate.

### Incentives

- Class 1 and 2 forklifts: up to **\$500** per forklift
- Class 3 forklifts: up to **\$250** per forklift

### How to Get Started?

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

Call us or visit [entergyetech.com/electric-forklifts](http://entergyetech.com/electric-forklifts)

### Questions?

Contact us today to learn more.

Email: [etech@entergy.com](mailto:etech@entergy.com)

Call: **1-833-44etech (1-833-443-8324)**

Visit: [entergyetech.com](http://entergyetech.com)



Electric Technology Program

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WE POWER LIFE<sup>SM</sup>

## Annual Fuel Cost Estimates\*

INTERNAL COMBUSTION FORKLIFT	
Fuel Cost per Gallon	\$2
Gallons Used per Shift	8 Gallons
Tanks per Shift (assuming two-shift operation)	2 Tanks
Total Cost per Gallons Used per Forklift (assuming two shifts)	\$32
Total Annual Fuel Cost	\$8,320

	ELECTRIC FORKLIFT	
	RAPID CHARGE	CONVENTIONAL
Cost per kWh	\$0.08	\$0.08
Unit Demand	17.1 kW	7.1 kW
Hours Plugged in per Week	30.5 Hours	85 Hours
Annual Kilowatt Hours	27,120 kWh	31,382 kWh
Total Annual Electric Cost	\$2,170	\$2,510

\*For illustrative purposes only. Assuming fuel cost of \$2 per gallon, electric rate of \$0.08 per kWh and 260 shifts annually.

### ► Cost

#### How long does it take to recoup the costs of electric forklifts?

It varies, but on average it is around two years or less.

#### Why do electric forklifts cost more up-front?

The initial cost is higher due to the battery and charger. You are paying up-front for your fuel, which is the battery. The cost for charging equipment varies depending on the charger you install.

#### Why do electric forklifts cost less to fuel and maintain?

Electricity is cheaper than conventional fuel. Electric forklifts also have 90 percent fewer parts than their internal combustion counterparts, so maintenance is easier and repair costs are lower.

### ► Batteries

#### What battery charging and storage options are available?

Opportunity-charged batteries are charged for one to two hours several times a day to remain 20 to 80 percent charged, with an eight-hour equalization charge required each week. This charging method is ideal for one-, two- or light-use three-shift operations. Conventionally charged batteries are ideal for one-shift operations in which the battery

runs for eight hours, charges for eight hours and cools for eight hours before it is used again. Conventional charging can be used in two- and three-shift operations, but additional batteries and a charging room will be required.

#### How long do batteries typically last?

Manufacturer warranties are typically five years, as long as the batteries are maintained properly. Most dealers will work with their battery suppliers to find the right battery and charger combination.

### ► Operations

#### Will the electric forklifts allow me to store more products?

Yes. Electric forklifts can operate in very narrow aisles compared to internal combustion counterparts, allowing you to configure your facility with narrower aisles to store and move more products.

#### Can electric forklifts operate outside or in inclement weather?

Yes. Most forklift manufacturers offer electric, pneumatic-tire forklifts, which can operate in rain, snow or mud. The battery compartments are sealed and/or contained.

#### What are the lifting capabilities of electric forklifts?

With lifting capacities up to 40,000 pounds, most electric forklifts lift as much as conventional forklifts.

#### Do electric forklifts perform as well as internal combustion-powered forklifts?

Electric forklifts are more responsive and the lifting power is instantaneous. In many cases, once an operator tries an electric forklift, he or she usually prefers them over conventional forklifts.

### ► Environment

#### How do electric forklifts keep a workplace cleaner?

Electric forklifts produce zero site emissions and need less tire maintenance and replacement. A typical conversion to an electric forklift can reduce CO<sub>2</sub> site emissions by 50 tons each year, contributing to a cleaner and healthier work environment for employees.

#### What about noise?

Electric forklifts are much quieter than conventional forklifts, which means greater operator awareness and reduced accidents.

#### Are electric forklifts safer?

Yes. You're not using combustible fuel, and your employees are not exposed to exhaust. Opportunity charging forklifts can reduce accidents by up to 20 percent because the charger can be strategically located.

## Ready to Get Started?

Contact us today to learn more.

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Visit: [enteryetech.com](http://enteryetech.com)



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