



we are  **ICF**



Greater Houston Area Beneficial Electrification Programs

Bridgette Wellendorf

ICF Account Manager

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Introduction to ICF



More than
5,000 People

55% Female Leaders and Gender Pay Equity

\$1.2B In annual revenue

1 Providing More Electrification Services to Utilities than any other Consultancy

9  **Global Sectors**

Energy, Transportation, Government, Environment, Health, Education, Retail, Consumer, and Hospitality Sectors

Electrification Services

- Strategic Planning
- Technology Screening
- Market Assessment
- System/Locational Impact Analysis
- Environmental Impact Analysis
- Cost-Effectiveness Evaluation
- Program Design and Delivery
- Program Evaluation
- Marketing & Outreach
- Grant Application Assistance



Electrification Clients

Utilities



Non-Utilities



Mutual Value Propositions

Electric-powered technologies offer several key benefits to end users over their internal-combustion counterparts. Some of the benefits of electric technologies can include:



Reduced Maintenance

Electric motors have 90 percent fewer moving parts with no engine fluids or hoses significantly reducing time and money spent on maintenance.



Lower Fuel Consumption

By reducing the reliance on fuel, exposure to fluctuating gasoline prices decreases.



Safe and Efficient Workplace

Electric equipment allows an optimal layout of facilities leading to a safer, more efficient work atmosphere.



Less Noise

Electric equipment is much quieter than conventional counterparts which means greater operator awareness for reduced fatigue and increased safety.



Clean and Healthy Environment

Electric equipment produces zero site emissions for a cleaner, healthier work environment.

Texas Emission Reduction Plan (TERP)

- Financial incentives to eligible individuals, businesses, or local governments to reduce emissions from polluting vehicles and equipment
- Developed and administered by the Texas Commission on Environmental Quality (TCEQ)
- 11 Grant Programs, 8 have funding available for electrification projects:

Program	Application		Electrification Equipment	
	Status	Period	Off-Road	On-Road
Alternative Fueling Facilities Program (AFFP)	Closed	TBD		■
Seaport and Rail Yard Areas Emissions Reduction (SPRY) Program	Open	2/12/2021	■	■
Emissions Reduction Incentive Grants (ERIG)	Closed	TBD	■	■
Rebate Grants for TERP Small Businesses	Open	TBD	■	■
Texas Clean Fleet Program (TCFP)	Closed	TBD		■
Texas Clean School Bus (TCSB) Program	Open	Due 12/17/20		■
Light-Duty Motor Vehicle Purchase/Lease Incentive Program (LDPLIP)	Open	Due 1/7/21		■
Governmental Alternative Fuel Fleet (GAFF) Grant Program	Closed	TBD		■

We can provide TERP grant application assistance for eligible Entergy and CenterPoint Energy customer electrification projects.



Texas Volkswagen Environmental Mitigation Program (TxVEMP)

-Level 2 Charging Equipment for Light-Duty Zero Emission Vehicles

Who is invited to participate?

Eligible applicants include individuals, corporations, organizations, governments or governmental subdivisions or agencies, business trusts, partnerships, associations, or other legal entities, in the State of Texas.

Eligible Activities

Funds may be used for the purchase and installation of new light-duty electric vehicle Level 2 charging equipment. Funding is available statewide for equipment installed:

- in a public place, workplace, or multi-unit dwelling (i.e. not located at a private residential dwelling that is not a multi-unit dwelling in Texas); and
- at a site without existing light-duty electric charging services or to expand the number of vehicles that may be serviced at an existing site.

Funding Availability

A total of \$10.4 million in grant funding will be available for reimbursements of up to \$2,500 per installation. Grants will be awarded on a first-come, first-served basis and may not exceed the following percentages of eligible costs:

- electric chargers available to the public: 70%
- electric chargers available at a workplace or multi-unit dwelling: 60%

Grants will be awarded on a first-come, first-served basis.

We can provide TERP grant application assistance for eligible Entergy and CenterPoint Energy customer electrification projects.





CenterPoint Energy's Clean Air Technologies Program

Bridgette Wellendorf
ICF Sr. Account Manager



CenterPoint Energy's Clean Air Technologies Program

Contact us for a free electrification consultation. We will help you:

- Understand the benefits of electric equipment, specifically **forklifts** and **truck refrigeration units (TRUs)**.
- Calculate the potential financial and environmental savings from converting your fleet.
- Connect with local dealers and trade allies
- Explore alternative funding opportunities and apply for applicable grants.



2020 Electric-Standby Truck Refrigeration Infrastructure Funding Assistance



UP TO
\$1000
PER BAY

CenterPoint Energy has funding assistance available for customers installing eligible infrastructure to support E/S TRUs.



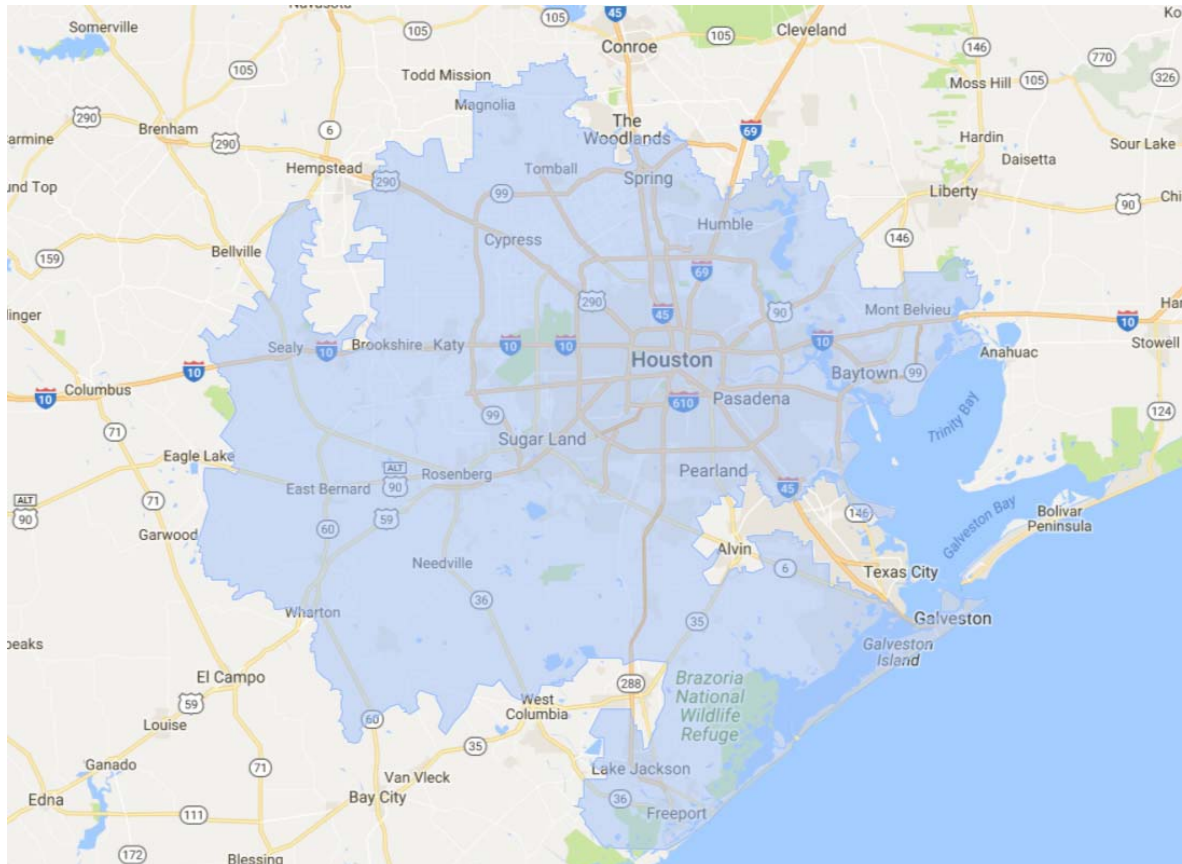
Primary TRU Manufacturers



SafeConnect manufactures an electric standby connection system that mitigates the inherent risk of drivers forgetting to disconnect before driving off.



Clean Air Technologies Program: Service Area



Counties Served

Austin
Brazoria
Chambers
Colorado
Fort Bend
Galveston
Harris
Liberty
Matagorda
Montgomery
Waller
Wharton

ENTERGY ELECTRIC TECHNOLOGY PROGRAM



Plug Into the Benefits

Entergy's eTech program promotes the adoption of electric-powered alternatives to many applications that traditionally require fossil fuels. The program provides customer support by dedicated field representatives and financial incentives to Entergy customers who purchase select electric equipment.

Entergy eTech Cash Incentives

ELECTRIC TECHNOLOGY



ENERGY CASH INCENTIVE*

Forklifts	\$250 - \$500
Digital Billboards	\$1,500 - \$5,000
Man Lift (Scissor Lift or Boom Lift)	\$100
Light Duty Electric Burden Carrier	\$100
Walk-Behind Floor Scrubber	\$100
Riding Floor Scrubber	\$150
Golf Cart	\$150
Level 2 EV Charger (Plug)	\$250

CUSTOM INCENTIVES*

Truck Stop and Fleet Electrification	Rail or Mining Equipment
Material Handling Equipment	Industrial Equipment
Marine and Port Equipment	Industrial Welding
Airport Ground Support Equipment	<i>Many other technologies may qualify!</i>

**Up to \$25,000 per project*

Application Process



Paper Based

OR

Web Based

Electric Forklift Incentive Application

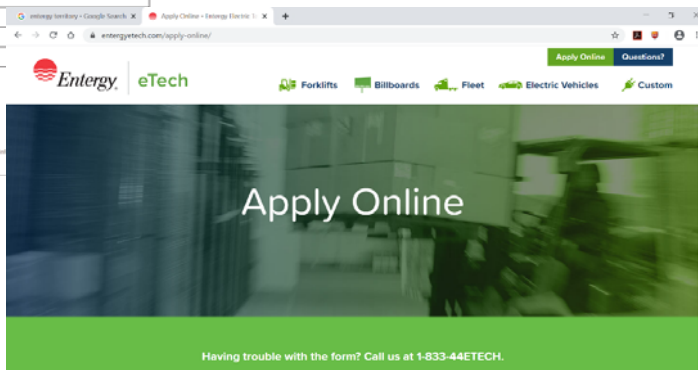
WARNING: This is not application completion and sign. Please read and understand all program and eligibility rules and conditions that apply to this program. Failure to complete this form and provide documentation will result in your application being returned or denied. Conditions will be posted upon approval of incentive, delivery of equipment and processing of application. For the terms and conditions of this incentive program, please see the last page of this form.

To be eligible for this incentive, the customer must:

- Be an Entergy electric customer with an account in good standing.
- Purchase or lease a new 1, 2 or 3 electric forklift between Jan. 1, 2017, and Dec. 31, 2018.
- Electric forklifts must require an internal combustion and QR for a four-stroke forklift purchase OR be an expansion to an existing fleet electric equipment requiring existing electric equipment. Some not qualify for the program.
- Limited electric forklifts are eligible for the full incentive.
- Used electric forklifts are eligible for a reduced incentive based on the age of the forklift. Used forklifts must be 2015 models or newer.
- Provide all valid invoices and receipts that show date of purchase for all forklifts claimed.
- Submit this incentive application within 90 days of equipment delivery and/or invoice date.

Identify Applicant Information

Company Name	Company Address
Company Contact Person for Claims Submission	Company Phone Number
Street Address	
City	
State	
Zip	
Phone	



<http://Entergyetech.com/>

1

Equipment meets eligibility requirements.

2



Dealer submits application and copy of invoice or receipt.

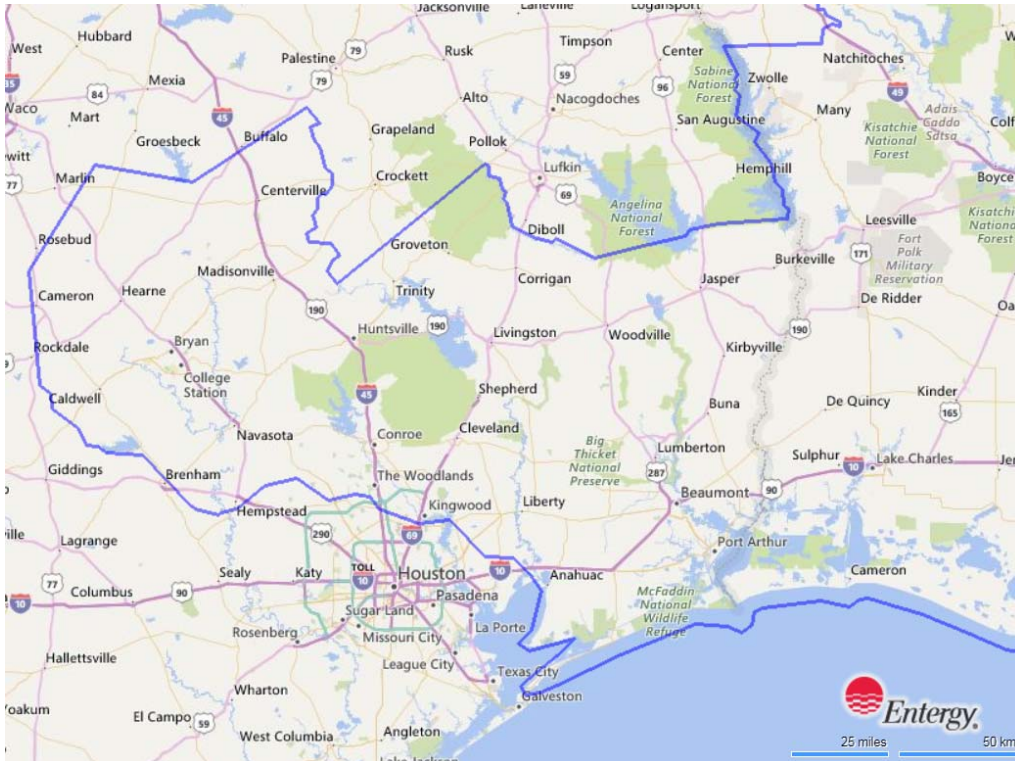
3



Customer signs Terms and Conditions Form

Check will be issued and arrive within 7-10 business days

Entergy Texas Service Area



Counties Served

- | | |
|------------|-------------|
| Brazos | Madison |
| Burleson | Milam |
| Chambers | Montgomery |
| Falls* | Newton |
| Galveston | Orange |
| Grimes | Polk |
| Hardin | Robertson |
| Harris* | San Jacinto |
| Houston* | Trinity |
| Jasper | Tyler |
| Jefferson | Walker |
| Leon | Waller |
| Liberty | Washington |
| Limestone* | |

**Serves limited portions*

Thanks! Any Questions?

Bridgette Wellendorf

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CenterPoint Energy Clean Air Technologies Program | www.CNPelectrification.com

Entergy Electric Technology Program | www.EntergyEtech.com