Texas Emissions Reduction Plan (TERP)

Longview NGV and NG for E&P Workshop• March 12, 2014

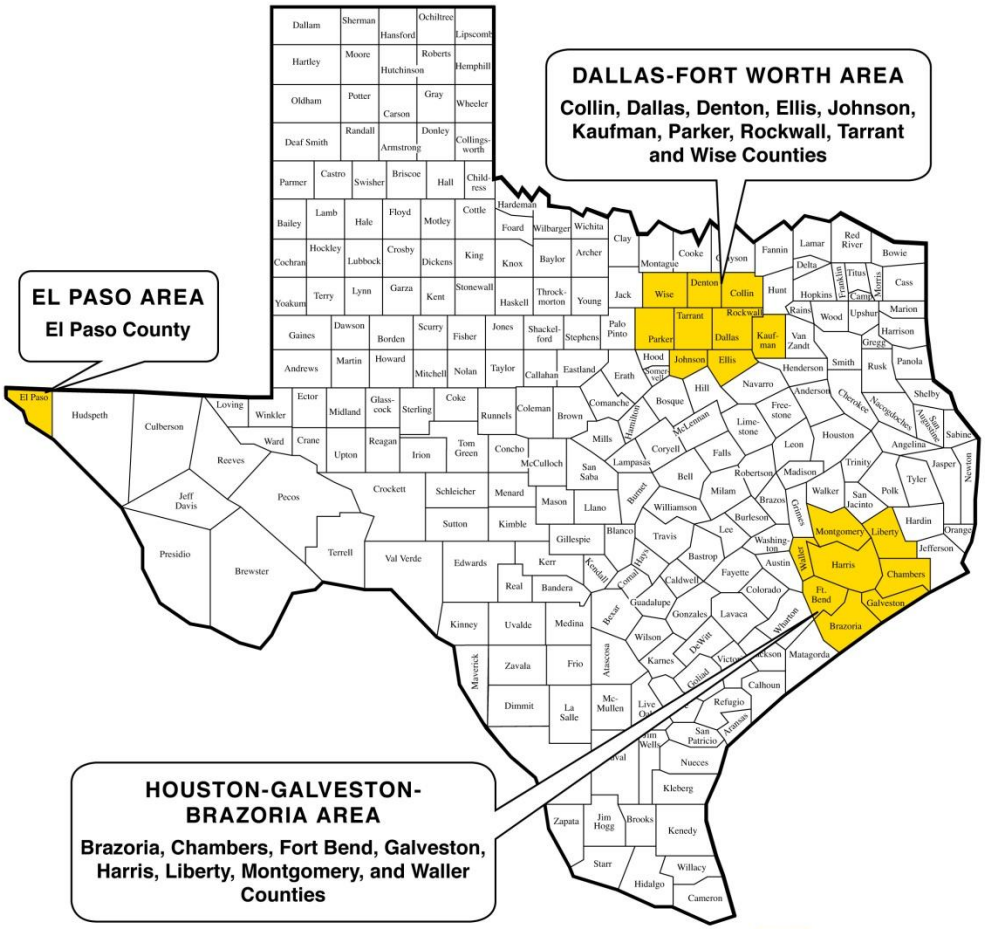
Alternative Fueling Facilities Program (AFFP)

Provides grants for the construction or reconstruction to dispense alternative fuels

- Grant-funded facilities **must be located in the nonattainment areas** of Texas.
- Grant amounts will be for the lesser of 50% of the eligible costs or $600,000.
- A facility must operate for at least three years.
- Eligible fuels include natural gas, liquefied petroleum gas (LPG), biodiesel, hydrogen, methanol (80% by volume), and electricity.

Alternative Fueling Facilities Program

TERP
TEXAS EMISSIONS REDUCTION PLAN
A PROGRAM OF THE TCEQ



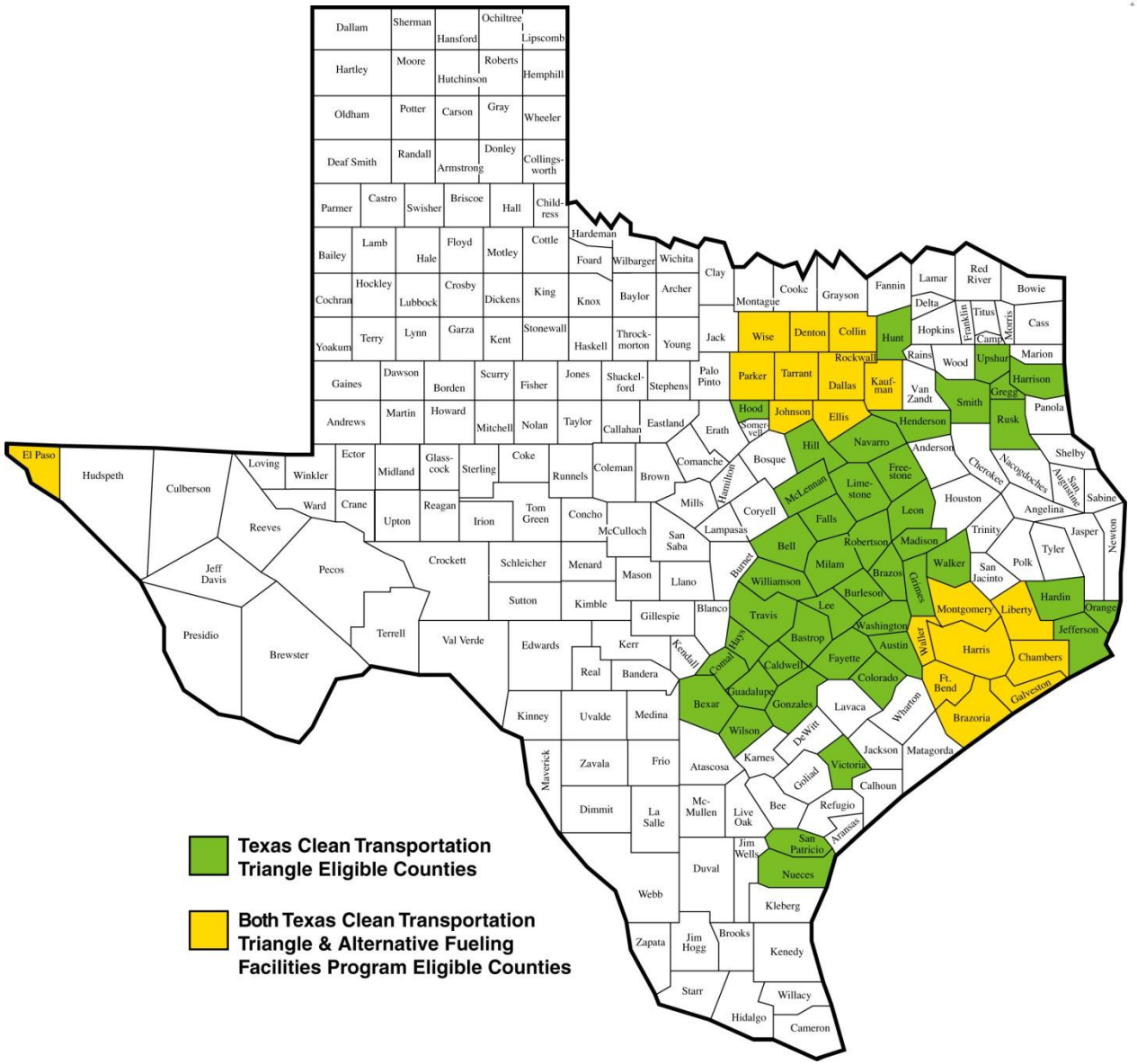
TCEQ TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Clean Transportation Triangle (CTT)

Provides grants for the construction or reconstruction of facilities to dispense natural gas

- Grant-funded fueling stations must be in the nonattainment areas, affected counties, or counties along and between the interstate highways connecting Dallas-Fort Worth, Houston, and San Antonio.
- Grant-funded fueling stations must be made available to the public and must operate for at least three years.
- Grants may not exceed:
  - $400,000 for stations providing compressed natural gas (CNG);
  - $400,000 for stations providing liquefied natural gas (LNG); or
  - $600,000 for stations providing both CNG and LNG.

Texas Clean Transportation Triangle (CTT) and Alternative Fueling Facility Program (AFFP)



Texas Natural Gas Vehicle Grant Program (TNGVGP)

Provides grants for the replacement and repower of heavy-duty and medium-duty vehicles and engines with CNG and LNG heavy-duty and medium-duty vehicles and engines

- Vehicles must operate in counties in the area defined by the Clean Transportation Triangle (CTT).
- Applications are submitted through Participating Dealers and awards are made on a first-come-first-served basis.
- Participating Dealer will determine eligibility, arrange for inspection of the original vehicle to confirm that it is in operating condition, and arrange for disposition.

Texas Natural Gas Vehicle Grant Program (TNGVGP)

- The new vehicle/engine must receive 75% of its power from compressed or liquefied natural gas.
- The project must result in a reduction in NO_x emissions of at least 25% as compared to the original engine.
- Grant awards to cover up to 90% of the incremental cost of the natural gas vehicle or engine.

Texas Natural Gas Vehicle Grant Program

revised (7/13)

TERP
TEXAS EMISSIONS REDUCTION PLAN
A PROGRAM OF THE TCEQ

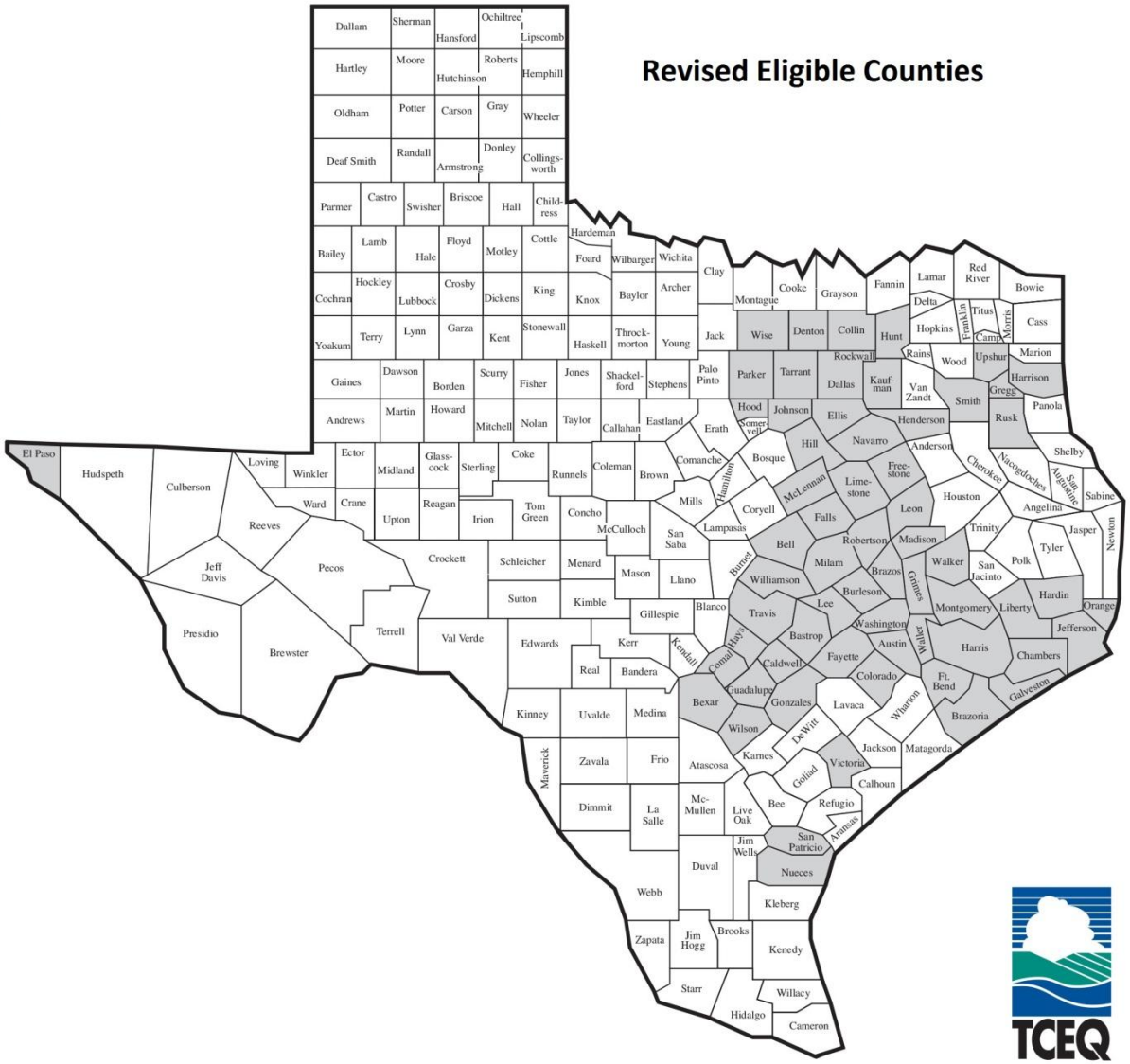
Texas Natural Gas Vehicle Grant Program

Eligible Counties

(highlighted)

Austin
Bastrop
Bell
Bexar
Brazoria
Brazos
Burleson
Caldwell
Chambers
Collin
Colorado
Comal
Dallas
Denton
El Paso
Ellis
Falls
Fayette
Fort Bend
Freestone
Galveston
Gonzales
Gregg
Grimes
Guadalupe
Hardin
Harris
Harrison
Hays
Henderson
Hill
Hood
Hunt
Jefferson
Johnson
Kaufman
Lee
Leon
Liberty
Limestone
Madison
McLennan
Milam
Montgomery
Navarro
Nueces
Orange
Parker
Robertson
Rockwall
Rusk
San Patricio
Smith
Tarrant
Travis
Upshur
Victoria
Walker
Waller
Washington
Williamson
Wilson
Wise

Revised Eligible Counties



TCEQ

Texas Clean Fleet Program

Provides incentives for the replacement of diesel vehicles with alternative fuel and hybrid vehicles

- This program allows for replacement of Light-Duty, Medium-Duty, and Heavy-Duty vehicles.
- Applicants must own at least 75 vehicles and operate those vehicles in Texas.
- Applicants must apply to replace at least 20 vehicles.

Texas Clean Fleet Program
Eligible Counties

TERP
TEXAS EMISSIONS REDUCTION PLAN
A PROGRAM OF THE TCEQ

Austin Area:
Bastrop
Caldwell
Hays
Travis
Williamson

Beaumont-Port Arthur:
Hardin
Jefferson
Orange

Corpus Christi Area:
Nueces
San Patricio

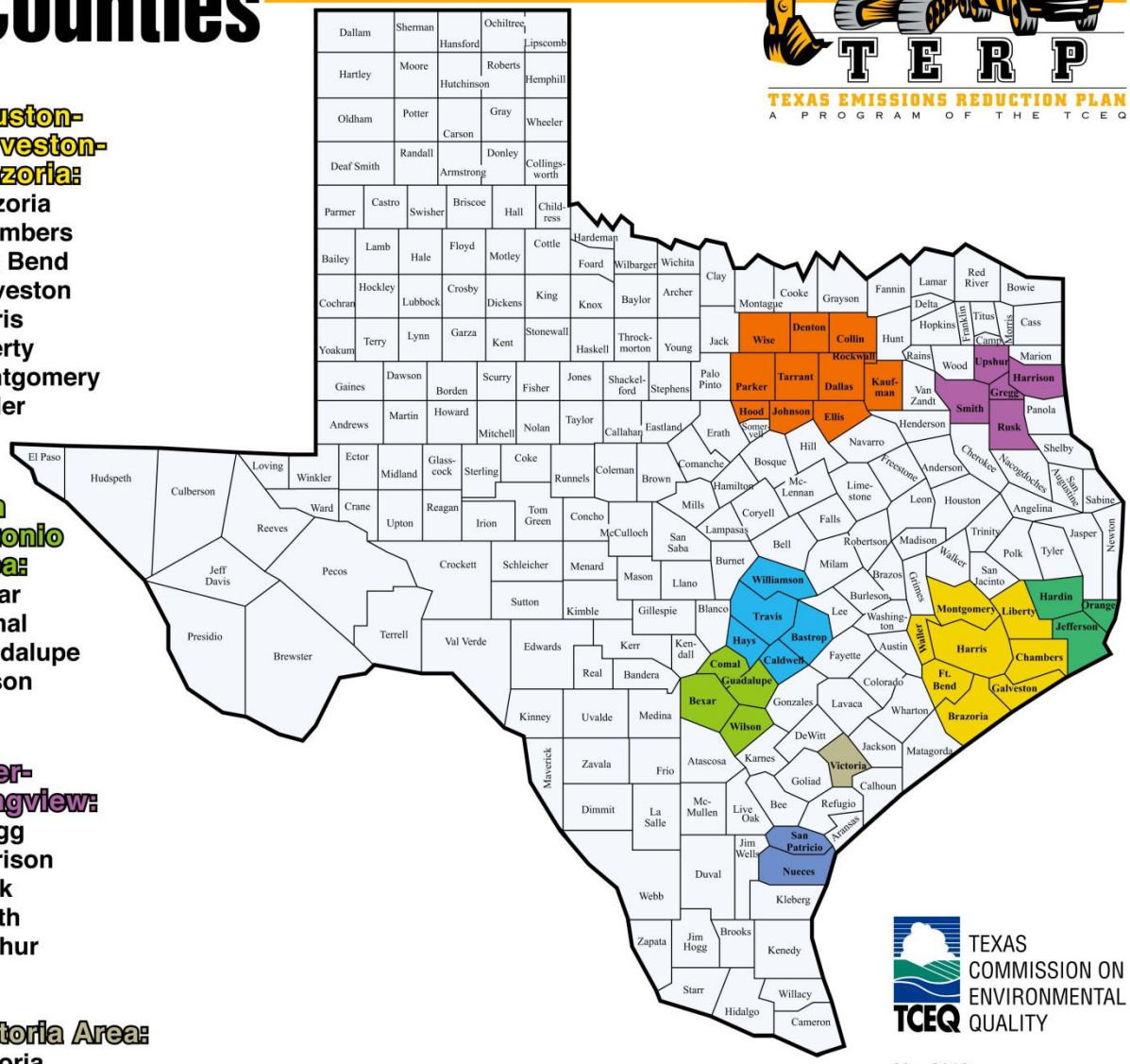
Dallas-Fort Worth:
Collin
Dallas
Denton
Ellis
Hood
Johnson
Kaufman
Parker
Rockwall
Tarrant
Wise

Houston-Galveston-Brazoria:
Brazoria
Chambers
Fort Bend
Galveston
Harris
Liberty
Montgomery
Waller

San Antonio Area:
Bexar
Comal
Guadalupe
Wilson

Tyler-Longview:
Gregg
Harrison
Rusk
Smith
Upshur

Victoria Area:
Victoria



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
TCEQ

May 2012

Emissions Reduction Incentive Grants (ERIG) Program

A competitive grant program that provides incentives to upgrade or replace older heavy-duty vehicles, non-road equipment, locomotives, marine vessels, and stationary equipment

Emission Reduction Incentive Grants (ERIG) Program

- **Eligible vehicles and equipment include:**
  - On-road vehicles that have a gross vehicle weight rating (GVWR) of 8,501 pounds or higher, and
  - Non-road equipment, marine vessels, locomotives, and stationary equipment engines that have a horsepower of 25 or higher.

- **Eligible replacement vehicles and equipment include:**

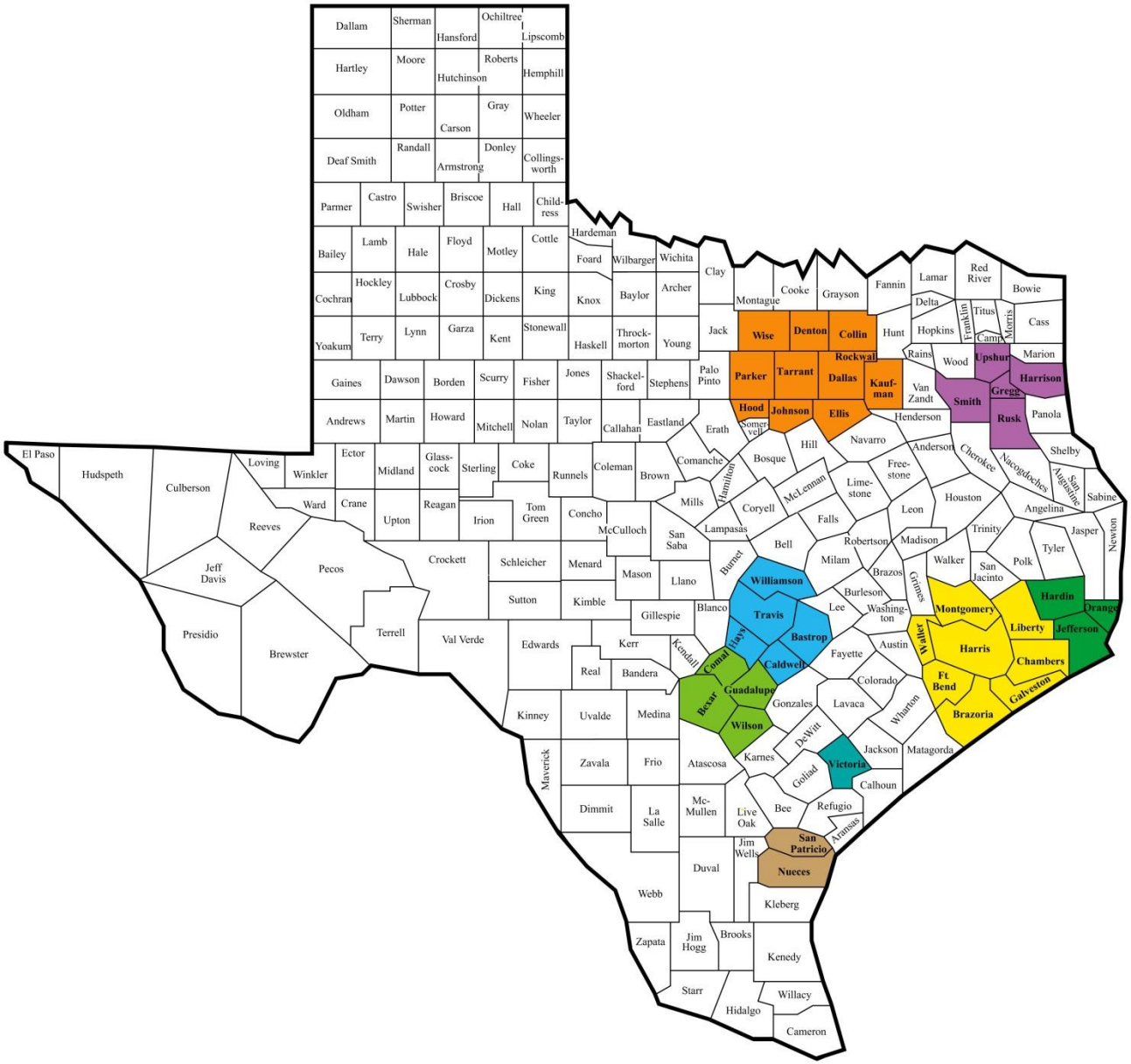
  Diesel Engines; Alternative Fuel Vehicles and Equipment; Hybrid Vehicles and Equipment; Idle Reduction Infrastructure; and Refueling Infrastructure.

Rebate Grants Program

Limited to replacement or repower of on-road diesel vehicles and non-road equipment

- This program offers a faster, simpler process for projects consistent with the ERIG requirements.
- Grants are awarded on first-come-first-served basis.
- On-road diesel vehicles may be replaced with diesel, natural gas, propane, or electric powered vehicles.

Emissions Reduction Incentive Grant (ERIG) and Rebate Grants Program



Light-Duty Motor Vehicle Purchase or Lease Incentive Program

Provides rebates for certain light-duty vehicles

- Up to 2,000 natural gas and propane vehicles and 2,000 electric vehicles may be funded.
- Rebates of up to $2,500 per vehicle will be available.
- The program will maintain a list of qualifying vehicles.
- The new vehicle must be registered and operated in Texas for a period of one year.

- STATEWIDE PROGRAM

TERP FUNDING

TERP FY 2014 – 2015 Funding

PROGRAM	Approximate Funding Amounts per Biennium (FY 2014 – 2015)
Alternative Fueling Facilities Program	$7.7 M
Clean Transportation Triangle	$7.7 M
Texas Natural Gas Vehicle Grant Program	$24.8 M
Texas Clean Fleet Program	$7.6 M
Light-Duty Motor Vehicle Purchase or Lease Incentives	$7.8 M
Emissions Reduction Incentive Grants/ Rebate Grants/Third-Party Grants	$68 M
Drayage Truck Incentive Program	$3 M

TERP Projects Funded to Date for Tyler/Longview Area*

- Number of Projects: 208
- Number of Activities: 333
- Grant Amount: $38,136,794
- Total NO_x Reduced (tons): 6,179
  - Cost per ton: $6,712

*Includes Emission Reduction Incentive Grant (ERIG), Rebate, Third-Party and American Recovery and Reinvestment Act (ARRA) Projects.

Contact Information

- Web site: www.terpgrants.org
- E-mail: terp@tceq.texas.gov
- Toll Free: 800-919-TERP (8377)