

# CLIMATE ACTION 2030 / 2050

Vistra's goal is to achieve a greater than 50% reduction in CO<sub>2</sub> equivalent emissions by 2030 with a long-term objective to achieve a greater than 80% reduction in CO<sub>2</sub> equivalent emissions by 2050, each as compared to a 2010 baseline. Vistra has aspirations of reaching net-zero carbon emissions by 2050, assuming necessary advancements in technology and supportive market constructs and public policy.

Vistra understands the impact its business has on the environment and the responsibility our company has to reduce its carbon footprint. The company has already taken measurable strides in reducing its emissions and is now taking another step forward to combat climate change by establishing long-term emissions reduction targets.

**31%**  
DECREASE  
IN EMISSIONS



Vistra Energy has already achieved a meaningful emissions reduction — a 31% decrease from 2010 to 2018 in CO<sub>2</sub> equivalent emissions.



**180 MW**  
TEXAS SOLAR  
FACILITY

The company owns and operates a 180 MW solar facility and 10 MW battery storage system, one of the largest in Texas.

**13,000 MW**  
RETIRED COAL AND GAS

Vistra Energy has retired or announced plans to retire ~13,000 MW of coal and gas plants since 2010, including:

- Tradinghouse (Gas; 2010)
- Valley (Gas; 2010)
- Vermilion (Coal; 2011)
- Morro Bay (Gas; 2013)
- Wood River (Coal; 2016)
- Brayton Point (Coal; 2017)
- Monticello (Coal; 2018)
- Sandow (Coal; 2018)
- Big Brown (Coal; 2018)
- Killen (Coal; 2018)
- Stuart (Coal; 2018)
- Northeastern (Coal; 2018)
- Duck Creek (Coal; 2019)
- Coffeen (Coal; 2019)
- Havana (Coal; 2019)
- Hennepin (Coal; 2019)
- Edwards (Coal; 2022E)



**808 GWh**  
WIND POWER  
PURCHASES

In 2018 alone, Vistra purchased 808 GWh of wind power for our customers, the energy equivalent of more than 158,000 metric tons of carbon.

**1,500 MW**



ADDITIONAL  
SOLAR POTENTIAL

Our vision for the future includes abundant solar generation potential, which is why we're evaluating more than 1,500 MW of solar projects for future development.

**300 MW/  
1,200 MWh**

BATTERY STORAGE



Our Moss Landing project in California is expected to come online in 2020, helping the state meet its renewable energy goals. In addition, Vistra expects to develop a 20 MW / 80 MWh battery storage project in Oakland.



**80,000**

ACRES OF  
RECLAIMED LAND

80,000 acres of our former mining sites (roughly the size of Rhode Island) have been reclaimed, much of it with tree planting.

**40+** RENEWABLE  
ELECTRICITY PLANS



TXU Energy offers over 40 renewable electricity plans to Texas residential customers, giving consumers a personal stake in clean energy.

**\$1.5 MILLION**

IN EFFICIENCY INCENTIVES

To date, \$1.5 million has been reimbursed to business customers for energy efficiency projects, with a total savings of 27,000 MWh.