ENGIE Group

Accelerating the transition toward a carbon-neutral economy

Working alongside 171,100 employees in 70 countries, ENGIE centers its operations on three key business priorities: low-carbon electricity production, particularly from natural gas and renewable energy; energy infrastructure; and customer solutions. Leveraging these strengths, the Group stands at the forefront of the zero-carbon transition, offering solutions that blend technological and digital capabilities with financing to reduce energy consumption and support a better future for everyone through harmonious progress.

Our Purpose

ENGIE’s purpose is to act to accelerate the transition toward a carbon-neutral economy, through reduced energy consumption and more environmentally-friendly solutions. The purpose brings together the company, its employees, its clients, and its shareholders, and reconciles economic performance with a positive impact on people and the planet. ENGIE’s actions are assessed in their entirety and over time.

Low-Carbon Electricity Production

96.8 GW installed
~92% Low carbon
28% Renewables

Sustainability

-55% Decrease in Scope 1 CO₂ emissions since 2016
Science Based Target 2°C Certification Achieved
$10.8 Billion in green bonds issued since 2014

Customer Solutions

Global leader in energy solutions for cities
+250 District and heating networks worldwide
No. 1 Energy efficiency services provider in the world

Our Customers

CITIES AND TERRITORIES
COMMERCIAL AND INDUSTRIES
BUILDINGS AND PROPERTIES
RESIDENTS

Group Sustainability Ratings

ROBECOSAM: 82/100
SUSTAINALYTICS: 73/100
VIGEO EIRIS: 66/100
ECOVADIS: 68/100
MSCI: A
CDP CLIMATE: A
CDP WATER: B

1 As of 12/31/2019 2 As of 12/31/2019, at 100% 3 Green bonds are investments issued and earmarked specifically to support climate and environmental projects.
Group Strategy

Making the zero-carbon transition possible

Three years ago, ENGIE put the energy transition at the heart of its business strategy. In that time, the Group reviewed its portfolio of businesses, halved its CO₂ emissions between 2012 and 2018, and returned to growth. The company has now entered the second wave of the energy transition, driven by companies and local authorities, with an ambition to become the world leader in the zero-carbon transition.

Reconciling the planet, people, and profit for a positive impact

At ENGIE, we are convinced that the common good is good for business. Our role as a leader in the zero-carbon transition is to show that focusing on the planet and people creates long-term value, and combining performance and profitability with the common good is possible.

This belief – that social and ecological performance are just as important as traditional financial performance – is at the core of our strategy to pioneer the zero-carbon transition. The three Ps – planet, people, and profit – are the fundamental ways in which we illustrate that commitment.

For the planet, we consider the climate change emergency in all business activities.

For people, we take into account the well-being of our employees and the impact on companies, suppliers, communities, and society as a whole into the company’s choices.

For profit, we aim to be the world leader in the zero-carbon energy transition, helping both our company and our customers become more profitable through greater efficiency and lower costs.
# Act
With ENGIE

Executive Summary

## Planet | 2030 Group Objectives

### Strengthening our commitments to the environment

Energy is at the heart of human progress. Aware of our impact on the environment, ENGIE puts the planet at the foundation of its business strategy, harmonizing growth with critical priorities to benefit the common good and create long-term value that can be shared by all.

**62%**

**REDUCTION OF GROUP GHG EMISSIONS FROM POWER, HEAT, AND COLD GENERATION BY 2030**

In line with SBT\(^1\) trajectory
Compared to 2017 baseline emissions

**DECARBONIZATION OF OUR ACTIVITIES**

**34%**

**REDUCTION OF GROUP GHG EMISSIONS FROM GAS AND OTHER COMMODITY SALES BY 2030**

In line with SBT trajectory
Compared to 2017 baseline emissions

**DECARBONIZATION OF SUPPLIERS**

**58%**

**GROUP SHARE OF RENEWABLE ENERGY IN THE ELECTRIC CAPACITY MIX BY 2030**

In line with SBT trajectory
2017 share of renewables - 23%

**100%**

of our preferred suppliers (except energy purchase) certified SBT by 2030

We also monitor the following indicators to track our performance, develop strategies for improvement, and establish baselines for target setting:

- Share of activities, projects, and dismantling sites with an environmental plan
- Share of industrial sites with an ecological management plan
- Water consumption from industrial activities

\(^1\) Science-Based Target \(^2\) Zero emissions after compensation, with compensation below 200,000 metric tons CO\(_2\)
People | 2030 Group Objectives

Improving performance for everyone

Thinking about the planet also means thinking about people. That’s why ENGIE strives to be more inclusive and works to shape a sustainable future where everyone benefits from strategies that reduce energy consumption and speed the zero-carbon transition.

We also monitor the following indicators to track our performance, develop strategies for improvement, and establish baselines for target setting:

- Training of the staff most exposed to the risk of corruption
- Share of activities, projects, and dismantling sites with a societal plan
- Responsible purchasing index score¹

¹ Occupation accidents and fatalities resulting in one day or more of lost time, per 1 million work hours
² Number of (high-potential) near-miss incidents, divided by the total number of occupational accidents and (high-potential) near-miss incidents
³ Calculated based off gender wage gap and measures taken to reduce wage inequality
⁴ Index includes CSR evaluation, payment delays, and inclusive purchasing
ENGIE North America

Inviting our communities, customers, suppliers, and employees to #ActWithENGIE

Part of ENGIE Group, ENGIE North America is a power generator, energy services company, and retail electricity supplier committed to shaping a more sustainable future throughout the United States and Canada. Our mission is to connect society and companies to clean, affordable, innovative, and resilient energy and the infrastructure that supports it. Together with our customers and our employees, we aim to make a positive impact that can be replicated on a grand scale, creating a better planet tomorrow that starts today.

Engaging Customers in Energy as a Service™

To support the zero-carbon transition, ENGIE is working to accelerate the adoption of Energy as a Service™ solutions in North America to simplify energy strategies with guaranteed outcomes. These programs give customers the ability to focus resources on core business priorities, achieving capital flexibility with minimal balance sheet impact while reaching infrastructure, efficiency, renewable, and sustainable objectives with greater predictability in energy costs.

Our Customers

CITIES AND COMMUNITIES
COMMERCIAL AND INDUSTRIES
PROPERTIES

Main Office Locations

Houston, TX (Headquarters)
Oakland, CA
Santa Barbara, CA
Santa Clara, CA
Chicago, IL

Detroit, MI
Allentown, PA
New York, NY
Boston, MA
Toronto, ON
Montreal, QC

NEARLY 100% LOW-CARBON OR CARBON-FREE GENERATION
NO. 1 DISTRIBUTED ENERGY STORAGE COMPANY IN THE U.S.

POWERING HALF OF THE FORTUNE 500 AS THE 3RD LARGEST ELECTRICITY SUPPLIER IN THE U.S.
55,000+ ENERGY SERVICES PROJECTS COMPLETED

WIND POWER¹
1,165 MW in operation
9,400 MW in development

SOLAR POWER¹
315 MW in operation
3,900 MW in development

NATURAL GAS AND BIOMASS¹
2,390 MW in operation

¹ As of 12/31/2019, at 100%  ² Includes utility scale solar (70 MW) and distributed solar (245 MW)
Energy Generation and Supply

Increasing clean energy resources

As part of our commitment to helping society meet the growing demands for energy today without compromising the resources available to future generations tomorrow, ENGIE North America has heightened its focus on adding new zero-carbon generation. ENGIE operates renewable, biomass, and natural gas assets to deliver reliable electricity supply to customers. We also provide commercial, industrial, and residential consumers with a range of natural gas options.

In 2019, the company set an ambitious objective to add 2.5 GW of wind and solar capacity to the North American generation mix by 2021. In the first year of this three-year commitment, ENGIE built 500 MW of zero-carbon resources – a move that has put the company well on its way to achieving its goal within, or potentially before, the allotted time frame.
Our Customers

Organizing for customer centricity

In 2019, ENGIE North America launched a plan to strengthen the alignment of business operations with organizational priorities. The aim: to transform the organization in a way that broadens cross-functionality and improves collaboration to better address the needs of customers and deliver energy as a service. Today, a new profile has emerged with customer-centricity at the forefront, intently focused on building innovative solutions to manage energy more responsibly and sustainably.

<table>
<thead>
<tr>
<th>CITIES AND COMMUNITIES</th>
<th>COMMERCIAL AND INDUSTRIES</th>
<th>PROPERTIES</th>
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CAPABILITIES

- TECHNICAL & DATA SERVICES
- ENERGY SUPPLY
- ENERGY SERVICES
- FACILITY MANAGEMENT

INTEGRATED SOLUTIONS TO ENABLE CUSTOMERS TO MEET SPECIFIC OBJECTIVES IN THE ENERGY-AS-A-SERVICE TRANSITION TO A MORE DECARBONIZED, DECENTRALIZED, AND DIGITIZED WORLD

**GENERATION IN OPERATION: 3.87 GW**

- WIND: 1,165 MW
- SOLAR: 315 MW
- NATURAL GAS: 2,275 MW
- BIOMASS: 115 MW
- ENERGY STORAGE: 57.9 MWH

**GENERATION IN DEVELOPMENT: OVER 13 GW**

- WIND: 9,400 MW
- SOLAR: 3,900 MW

1 Includes utility scale solar (70 MW) and distributed solar (245 MW)
Our Customers

ENGIE North America helps cities and communities, commercial and industrial customers, and properties balance operational priorities and fiscal objectives with tailored energy strategies that leverage innovative opportunities to support greater efficiency and a low-carbon future.

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**ENGIE × University of Iowa**

**ONE SIGNIFICANT PARTNERSHIP. THREE KEY OBJECTIVES.**

ENGIE North America and Meridiam, a global investor and asset manager, entered into a 50-year, $1 billion public-private partnership in 2019 with the University of Iowa to manage energy and water utilities and help the 1,700-acre campus achieve three distinct energy transition goals.

1. Make energy production on campus coal-free by January 1, 2025, if not sooner
2. Prepare the campus for resilient and sustainable energy use by exploring generation sources – such as renewable energy, microgrids, energy storage, and other innovative technologies – as well as services and solutions to reduce energy use
3. Build and deliver innovative engagement opportunities to the campus and community – such as internships, global learning programs, and collaborative initiatives where students, faculty, and staff can engage in sustainability efforts alongside the ENGIE team

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**ENGIE × Walmart**

**CONTINUING PROGRESS TO POWER 50 PERCENT OF OPERATIONS WITH RENEWABLE ENERGY BY 2025**

On the heels of its agreement with ENGIE North America to procure 150 MW from the Triple H Wind Project in South Dakota, the global retail giant announced more plans to help people live better by purchasing an additional 366 MW from ENGIE. The agreement includes 166 MW sourced from ENGIE’s Prairie Hill Wind Project in Texas as well as 200 MW from ENGIE’s King Plains Wind Project in Oklahoma. The 2019 deal – combined with the existing Triple H agreement – brings the collaboration between Walmart and ENGIE to more than 500 MW of wind power in the U.S. market.

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**ENGIE × One Vanderbilt**

**LIGHTING EFFICIENCY FOR AN ICONIC DEVELOPMENT**

With 1.75 million square feet of space, the 67-floor One Vanderbilt is the largest building in Midtown Manhattan. Scheduled to open in 2020, the building was designed with sustainability as a top priority and will garner LEED, WELL, and Wired Construction certifications. Unity International Group, an ENGIE North America company, was selected to install the building’s LED lighting fixtures and daylight harvesting technology, which involved the installation of thousands of lighting fixtures throughout the facility. The daylight harvesting system reads the amount of daylight at any given time and adjusts lighting fixtures to balance the lumens necessary to light each space, leading to greater efficiency than traditional lighting systems.
2019 Planet Performance

Measuring our environmental impact

Never before has the global issue of climate change been so pressing. Creating a clean, prosperous, low-carbon future requires bold commitments from leading companies and communities worldwide. ENGIE is proud to stand together with our customers and other industry leaders to champion environmentally responsible business models and bring innovative sustainability strategies to the market.

<table>
<thead>
<tr>
<th>PLANET: 2019 ENVIRONMENTAL IMPACT DATA</th>
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<tbody>
<tr>
<td><strong>37%</strong></td>
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<tr>
<td>SHARE OF RENEWABLE ENERGY CAPACITY IN GENERATION PORTFOLIO</td>
</tr>
<tr>
<td><strong>3,313 GWh</strong></td>
</tr>
<tr>
<td>GENERATION FROM RENEWABLE ASSETS IN PORTFOLIO</td>
</tr>
<tr>
<td><strong>920,585 MT CO₂e</strong></td>
</tr>
<tr>
<td>AVOIDED EMISSIONS FROM RENEWABLE ENERGY ASSETS</td>
</tr>
<tr>
<td><strong>28,620 MT CO₂e</strong></td>
</tr>
<tr>
<td>AVOIDED EMISSIONS FROM EFFICIENCY SERVICES (WITH PERFORMANCE CONTRACTS)</td>
</tr>
<tr>
<td><strong>2,141,479 MT CO₂e</strong></td>
</tr>
<tr>
<td>EMISSIONS FROM NATURAL GAS AND BIOMASS ASSETS (ADJUSTED FOR OWNERSHIP)</td>
</tr>
<tr>
<td><strong>358.9 kg CO₂e per MWh</strong></td>
</tr>
<tr>
<td>EMISSIONS RATIO FROM NATURAL GAS AND BIOMASS ASSETS</td>
</tr>
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2019 People Performance

Measuring our social impact

Employees and society are two of our most important stakeholder groups. ENGIE North America brings these critical sectors together to forge a path for the common good and amplify our strategic position. United for harmonious progress, we collaborate and innovate to support initiatives that have a positive impact on the world on a grand scale.

<table>
<thead>
<tr>
<th>PEOPLE: 2019 SOCIAL IMPACT DATA</th>
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<tbody>
<tr>
<td><strong>6,500</strong> EMPLOYEES</td>
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<tr>
<td><strong>26,685</strong> DIRECT AND INDIRECT JOBS SUPPORTED IN NORTH AMERICA</td>
</tr>
<tr>
<td><strong>$2.8 billion</strong> GROSS DOMESTIC PRODUCT GENERATED IN NORTH AMERICA</td>
</tr>
<tr>
<td><strong>111</strong> SUPPLIERS SELF-IDENTIFIED WITHIN A DIVERSITY CATEGORY</td>
</tr>
<tr>
<td><strong>$10.1 million</strong> SPEND ON SUPPLIERS VERIFIED WITHIN A DIVERSITY CATEGORY</td>
</tr>
<tr>
<td><strong>$28.9 million</strong> GROSS ENERGY SAVINGS FOR K-12 INSTITUTIONS</td>
</tr>
<tr>
<td><strong>$7.1 million</strong> GROSS ENERGY SAVINGS FOR COLLEGES AND UNIVERSITIES</td>
</tr>
<tr>
<td><strong>2.36</strong> LOST TIME ACCIDENT FREQUENCY RATE</td>
</tr>
<tr>
<td><strong>6.45</strong> MEDICAL TREATMENT FREQUENCY RATE</td>
</tr>
<tr>
<td><strong>2,003</strong> FULL-TIME EMPLOYEES TRAINED</td>
</tr>
<tr>
<td><strong>61,769</strong> TRAINING HOURS</td>
</tr>
<tr>
<td><strong>22.9%</strong> WOMEN IN THE WORKFORCE</td>
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<tr>
<td><strong>22.3%</strong> WOMEN IN MANAGEMENT POSITIONS</td>
</tr>
<tr>
<td><strong>38%</strong> WOMEN IN ENGIE NORTH AMERICA EXECUTIVE COMMITTEE</td>
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