Press release
Embargoed until December 16th at 9:00 PST

G2 Energy and Waga Energy to produce RNG at two Recology landfills in California

Philadelphia (PA), December 16th, 2024 **– G2 Energy and Waga Energy partner to develop two Renewable Natural Gas production projects on Recology landfills in California.**

G2 Energy, a developer and operator of landfill gas projects that prioritize beneficial use of the gas, has selected Waga Energy, a global expert in the production of Renewable Natural Gas (RNG) from landfills, to develop RNG projects on two landfills owned and operated by Recology, an integrated resource recovery company providing materials collection, processing, and outreach and education to customers along the West Coast.

Under this agreement, Waga Energy will finance, build, own and operate two RNG production facilities using its patented WAGABOX® technology on Recology's landfills. The first facility will be located at the Ostrom Road Landfill in Wheatland, CA, and will produce up to 420,000 MMBtu (123 GWh) annually. The second facility will be installed at the Hay Road Landfill in Vacaville, CA, and will produce up to 630,000 MMBtu (185 GWh) annually. Both projects will be interconnected with Pacific Gas & Electric (PG&E) to inject RNG into the local natural gas network.

The two facilities are expected to be commissioned in 2026 and will jointly offset approximately 70,000 tons of CO_2 equivalent emissions each year[1], equivalent to the annual emissions from around 8,500 homes' energy use for one year, or equivalent to the greenhouse gas emissions from almost 15,000 gasoline-powered passenger vehicles driven for one year.

The landfill gas from Recology's two active landfills is currently being used to produce electricity. Upgrading the landfill gas to RNG using the WAGABOX® technology will increase the energy conversion efficiency, and provide a local, renewable alternative to fossil natural gas.

As a result of 15 years of development, Waga Energy's patented WAGABOX® technology revolutionizes landfill gas upgrading by combining membrane filtration with cryogenic distillation. It maximizes the renewable energy production of landfills by ensuring the production of pipeline-quality RNG, regardless of landfill gas variations in flow rate and composition.

"At G2 Energy, we are excited to continue our long-term partnership with Recology to find the highest and best use for this landfill gas. Making the most of this waste gas is part of our adoption of a goal of Zero Waste", said **Peter Wachtell**, one of the founding members of G2.

[1] *Calculations based on the United States Environmental Protection Agency (EPA) data.*

"This partnership is a win for our planet and the communities we serve, showing what's possible when innovation meets purpose. By transforming landfill gas into RNG, we're reducing emissions, creating clean energy, and advancing Recology's mission to build a more sustainable future," said Recology Chief Executive Officer **Salvatore M. Coniglio**. "The completion of these projects will make significant progress towards achieving our goal to use 75% of the landfill gas we collect to generate renewable energy by 2028."

"We are thrilled to partner with G2 Energy and Recology to develop the first two WAGABOX® units in California that reduce greenhouse gas emissions from waste while displacing fossil fuels with a renewable and local source of energy. The RNG produced will directly contribute to California's decarbonization goals and support the state's energy transition. We look forward to further expanding our solution throughout California where landfills represent a significant potential for RNG production by leveraging our WAGABOX® technology," said **Guenael Prince**, CEO of Waga Energy Inc.

About G2 Energy

G2 Energy has developed landfill gas to energy projects in California, Florida, Texas and Idaho. G2 Energy also owns and operates landfill gas to energy plants in California and Florida. G2 Energy works closely with its solid waste partners to ensure that the landfill gas is used for a beneficial purpose and in an environmentally safe manner.

About Recology

Recology is the largest 100% employee-owned company in the waste recovery industry. Based in San Francisco, Recology operates throughout California, Oregon, and Washington. Recology's mission represents a fundamental shift from traditional waste management to resource recovery, seeking to eliminate waste by developing and discovering sustainable resource recovery practices that can be implemented globally. Recology seeks to achieve this by creating a *resource ecosystem* – one that both protects the environment and sustains the local communities the company serves. Recology's focus on sustainable operations and practices makes it possible for the diverse communities Recology serves to achieve high landfill diversion and meet sustainability goals. Visit recology.com to learn more.

About Waga Energy

Waga Energy produces competitively priced Renewable Natural Gas (RNG, also known as "biomethane") by upgrading landfill gas using a patented purification technology called WAGABOX®. The RNG produced is injected directly into the gas distribution networks that supply individuals and businesses, providing a substitute for fossil natural gas. Waga Energy operates 28 RNG production units in France, Spain, Canada and the USA, representing an installed capacity of more than 3,410,000 MMBtu (1 TWh) per year. 17 more are now under construction including 11 in the US. Each project initiated by Waga Energy contributes to the fight against global warming and helps the energy transition. Waga Energy is listed on Euronext Paris (FR0012532810 – EPA : WAGA).

Media contacts

Waga Energy US
Alicia Fanni
Sales and Marketing Analyst
(786) 300-9545
alicia.fanni@waga-energy.com

Waga Energy France
Anne-Gaëlle Fonthieure
Press Officer
+33 611 706 974
media@waga-energy.com

G2 Energy
Peter Wachtell
Manager
+1 (208) 409-8128
p.wachtell@g2energy.com

Recology
Robert Reed
Media Relations Manager
(415) 606-9183
rreed@recology.com