



# Alaska airlines renewable energy

Through the first-of-its-kind agreement, Twelve, Alaska, and Microsoft will work to advance production and use of Twelve's E-Jet™, a low carbon jet fuel produced by a power-to ...

Alaska Airlines today operated the first commercial flights using a 20 percent blend of renewable alcohol-to-jet biofuel produced by Gevo, a renewable chemical and biofuel company. The two flights originated in Seattle with destinations of San Francisco and Washington D.C. Alcohol-to-jet biofuel was just approved for use by ASTM International in March 2016 and is...

Since its founding by San Diego International Airport in 2015, The Good Traveler helped removed 230 million pounds of CO2 from the air by funding projects like tree planting, habitat protection, waste composting and renewable energy.

In our 2022 report, we share where we've made strides and lessons learned. We are also aware of where we face challenges--such as closing the significant gap to enable and scale technologies like SAF which are not currently available at the scope, scale or cost needed to reach our own or our industry's long-term goals. We're proud of our progress, which is driven ...

Their new report, " Feasibility Study for Renewable Energy Technologies in Alaska Offshore Waters," was conducted for the Bureau of Ocean Energy Management (BOEM) to evaluate the feasibility of ocean energy projects in federal waters, including wind, wave, and tidal resources. The study area also included state waters outside of BOEM's ...

Finnish oil refiner Neste has signed an initial agreement with US carrier Alaska Airlines in an ongoing effort to expand the use of renewable jet fuel. ... Those laws will deliver a combined \$1 trillion or more in federal funding and tax credits for renewable energy, batteries, electric transmission, clean energy manufacturing, EVs and other ...

US biofuels company Gevo Inc (NASDAQ:GEVO) this week announced new sustainable aviation fuel (SAF) supply deals that could generate revenues of USD 3.6 billion (EUR 3.25bn), plus commitments for even more contracts.

goals: achieving 50% renewable electricity generation and an increase of 15% in energy efficiency per capita by 2025.4 To further promote renewable energy and energy efficiency development, the Alaskan Renewable Energy Grant Program intends to provide \$50 million annually for renewable energy installations and research through

An Alaska Airlines jet approaches Ted Stevens Anchorage International Airport on May 12, 2024. ... These initiatives include a Solar Panel Pilot Program to harness renewable energy and reduce the ...



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With a fuel-efficient fleet and use of modern technology in the flight deck, Alaska Airlines has reduced its intensity target of greenhouse gas emissions by 16% since 2012.

SEATTLE -Alaska Airlines is taking the next step in advancing sustainable aviation fuels (SAF) as part of Alaska's Ever Green program for improvements in environmental sustainability. Today, Alaska launched a program to engage its corporate customers in the decarbonization journey through purchase of SAF credits and continued efforts to ...

Renewable Energy Alaska Project: Wind. Renewable Energy Alaska Project is a coalition of large and small Alaska utilities; businesses; conservation and consumer groups; Alaska Native organizations; and municipal, state, and federal entities with an interest in developing Alaska's vast renewable energy resources.

It's one of few states that haven't passed a renewable energy standard, a mandate that a specific percentage of its power must come from renewable resources by a specific date. ... In May 2008, Alaska enacted legislation authorizing the creation of the Alaska Renewable Energy Fund, a grant fund administered by the Alaska Energy Authority ...

SEATTLE, June 7, 2016 /PRNewswire/ -- The skies are a little greener today after two Alaska Airlines jets departed the Emerald City fueled by the first alcohol-to-jet fuel (ATJ) made from sustainable U.S. corn. The two Alaska Airlines (NYSE: ALK) flights departed today with Gevo, Inc. (NASDAQ: GEVO) fuel and flew from Seattle to San Francisco International Airport and ...

EERE Success Stories feature the positive impact of its work with businesses, industry partners, universities, research labs, and other entities to increase the use and effectiveness of affordable renewable energy and energy efficiency technologies.

In 2018, Neste joined SFO, Alaska Airlines, American Airlines, other airlines and fuel producers in a groundbreaking agreement to increase the use of sustainable aviation fuel. Today, Neste and these partner airlines are delivering on that promise.

Lori Townsend is joined by Chris Rose, executive director of Renewable Energy Alaska Project, and Dustin Madden, Manager for ANTHC's Rural Energy Program. Aired: 01/13/23 Rating: NR ...

Alaska Airlines The aviation industry is essential to the global economy. ... as well as water and renewable energy. By capturing CO2 and converting it, PtL fuels have the potential to reduce ...

Joel Groves, P.E., provided the civil engineering for the Juniper Creek project. He works for Polarconsult Alaska, Inc.; is a member of Fishhook Renewable Energy LLC, which is developing a small ...

Alaska Airlines has finalized an agreement with biofuel company Gevo Inc., to purchase its most significant sustainable aviation fuel (SAF) offtake commitment to date - 185 million gallons of SAF over five years



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starting in 2026. This agreement was developed alongside others in the Oneworld &#174; Alliance.

HONOLULU, July 24, 2013 /PRNewswire/ -- Alaska Airlines and Hawai`i BioEnergy LLC announced today they have signed an agreement for the carrier to purchase sustainable biofuel for its aircraft. Founded in 2006, Hawai`i BioEnergy is a consortium of three of Hawaii's largest landowners and three venture capital companies who plan to use locally grown feedstocks to ...

Oct. 18, 2021. /PRNewswire/ -- Today, Alaska Airlines announced the formation of a new LLC, Alaska Star Ventures, to advance emerging technology that will accelerate the airline's ...

(National Renewable Energy Laboratory), and Joshua Heyne (University of Dayton) and is a compilation of ... Administration), Carol Sim (retired Alaska Airlines, Washington State University), and Jim Hileman (Federal Aviation Administration) for their poignant, challenging, and critical review of concepts in the report.

Commercial-scale E-Jet fuel production facility in Moses Lake, WA, to supply deals with Shopify, Alaska Airlines, and Microsoft. ... Twelve's sustainable aviation fuel (SAF) made from CO<sub>2</sub> and renewable energy, with a commercial-scale production facility in Moses Lake, WA. The announcement was made during a press conference held at the ...

It just announced a collaboration with Alaska Airlines and Microsoft to advance production and use of Twelve's E-Jet, a lower-carbon jet fuel. "Our process takes CO<sub>2</sub>, water ...

Alaska is facing an "acute gas supply crisis" amidst a looming shortage while its Governor considers two large new coal plants to power mining operations and its electricity prices are amongst the highest in the United States.. It's time for the state to get with the times on renewable energy. A report released Wednesday by the Alaska Environment Research and ...

Minimize greenhouse gas emissions across Alaska; Provide renewable energy access to low-income and disadvantaged communities Recent Milestones for AHFC: August 2022 The Inflation Reduction Act authorized \$8.8 billion into home energy efficiency and ...

SEATTLE and REDMOND, Wash. -- Oct. 22, 2020 -- Microsoft Corp. employees who fly between their global headquarters in Redmond, Washington, and California on Alaska ...

Today we announced a new partnership with Microsoft & Twelve with the goal of advancing sustainable aviation fuel using Twelve's E-Jet&#174;--a low carbon jet fuel produced from recaptured CO<sub>2</sub>, water & renewable energy.

Alaska Airlines is allowing frequent fliers to purchase sustainable aviation fuel (SAF) to earn status. Passengers can also choose to support nature-based climate projects to count towards their ...



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An unexpected discovery is the use of renewable, environmentally-friendly energy in this rural Alaskan outpost. Recently Alaska... Nome brings to mind a lot of things - the end of the iconic Iditarod dog sled race, long days in summer, short ones in winter, excellent crabbing and berry picking, bitter cold for much of the year.

Alaska Hydrogen Opportunities Report Erin Whitney<sup>1</sup>, Mariya Koleva<sup>2</sup>, Levi Kilcher<sup>1,2</sup>, and Jeff Raun<sup>3</sup>  
<sup>1</sup>U.S. Department of Energy, Arctic Energy Office <sup>2</sup>National Renewable Energy Laboratory <sup>3</sup>EXP With contributions from the Alaska Hydrogen Working Group, facilitated by the Alaska Center for Energy and Power at the University of Alaska Fairbanks.

In Alaska, however, says Piper Foster Wilder, deputy director of the Renewable Energy Alaska Project, or REAP, "Economics, not the environment, are driving the shift to renewables." On ...

PARIS AIR SHOW, LE BOURGET, FRANCE; June 19, 2023 -- Carbon transformation company Twelve and Washington Governor Jay Inslee today announced plans to scale the production of E-Jet <sup>®</sup> fuel, Twelve's sustainable aviation fuel (SAF) made from CO<sub>2</sub> and renewable energy, with a commercial-scale production facility in Moses Lake, WA. The ...

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