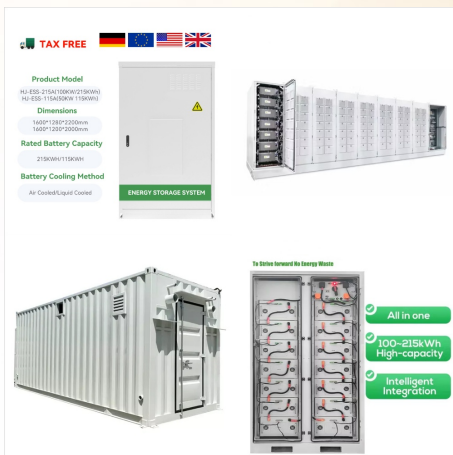




bp today agreed to acquire a 40.5% equity stake in and to become operator of the Asian Renewable Energy Hub (AREH), which has the potential to be one of the largest renewables and green hydrogen hubs in the world. AREH could provide significant net renewable generating capacity for bp as well as making a material contribution to its



New report looks at possible developments in global energy to 2050:??? As the world moves towards lower carbon, the global energy system fundamentally ???restructures, becoming more diverse, driven by customer needs, with increased ???competition between fuels.; Energy consumption shifts away from fossil fuels, and renewables grow rapidly as the ???world continues ???



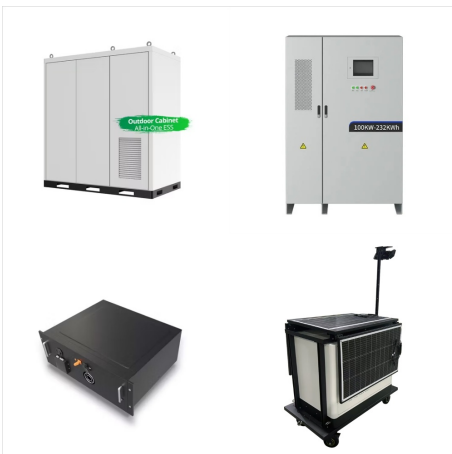
bp today announced that it plans to sell its existing US onshore wind energy business, bp Wind Energy, and aims to bring together the development of onshore renewable power projects through Lightsource bp. bp Wind Energy has interests in ten operating onshore wind energy assets across seven US states, operating nine of them.



Aker BP's core business of delivering energy to our customers and the way we operate contribute directly to and support several of the United Nations Sustainable Development Goals (SDG). Some of our main contributions are outlined in our sustainability report and illustrated below. Total energy consumption from non-renewable fuels and



Ron has covered since 2014 the world's top oil and gas companies, focusing on their efforts to shift into renewables and low carbon energy and the sector's turmoil during the COVID-19 pandemic



Discover bp's net zero goals For more, see our progress report and US Impact Report. ???? What is meant by net zero emissions? Renewable energy is the world's fastest growing energy source and essential to getting the world to net zero. According to the US Energy Information Agency renewables will be the "primary source for new



Approximately one-seventh of the world's primary energy is now sourced from renewable technologies. Note that this is based on renewable energy's share in the energy mix. Energy consumption represents the sum of electricity, transport, and heating. We look at the electricity mix later in this article.



This year's bp Energy Outlook explores the key trends and uncertainties surrounding the energy transition out to 2050. The three main scenarios considered in the Outlook ??? Net Zero, Accelerated, and New Momentum ??? have been updated to take account of two major developments over the past year: the Russia-Ukraine war and the passing of the Inflation ???



bp solar. In addition to the Lightsource bp joint venture projects, bp is advancing solar energy projects across the US. bp's Arche Solar project in Fulton County, Ohio, began delivering power to its customer in the first quarter of 2024. bp secured a power purchase agreement with Meta for the 134 megawatt (MW) solar farm, which has potential to generate enough low carbon energy ???



At the time, BP Wind Energy had interests in ten operating onshore wind energy assets across seven U.S. states, operating nine of them. Their combined gross generating capacity came in at 1.7GW.



bp operates nine onshore wind farms across six states and owns an interest in a tenth wind asset in Hawaii. bp's current gross US onshore wind capacity is 1.7 gigawatts (1.3 GW net capacity). Together, bp's US wind farms generate enough renewable electricity to potentially power more than 540,000 homes a year.



bp's vision for the Kwinana Energy Hub builds on our decades of refining experience and our commitment to the energy transition. We are planning to: Kwinana Renewable Fuels: producing sustainable aviation fuel (SAF) and Hydrogenated Vegetable Oil (HVO), also known as renewable diesel, from a new biorefinery.





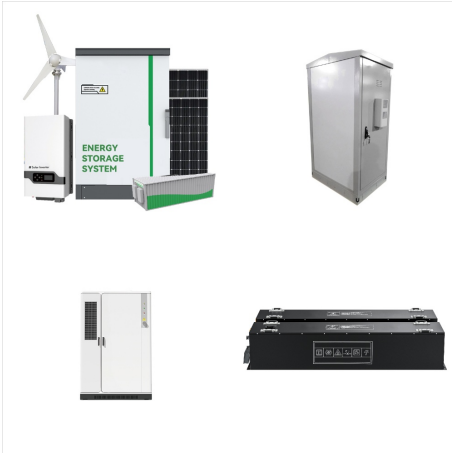
In bp's Energy Outlook 2024, the use of modern bioenergy ??? modern solid biomass, biofuels and biomethane ??? increases significantly over the outlook, providing a source of low carbon energy to help decarbonize sectors and processes that are hard to electrify



In this report, we examine how the energy world is rapidly changing, set out our low carbon ambitions solar and biofuels. We invested billions of dollars to make renewable energy a genuine alternative. Some of our investments worked out ??? others did not. We were early, but I don't think we were BP Advancing the energy transition 1



bp reached an agreement today to purchase 9GW of solar development projects in the US from independent US solar developer 7X Energy. The acquisition represents a significant step towards bp's target of growing its net developed renewable generating capacity to 20GW by 2025 and aim to increase this to 50GW by 2030.



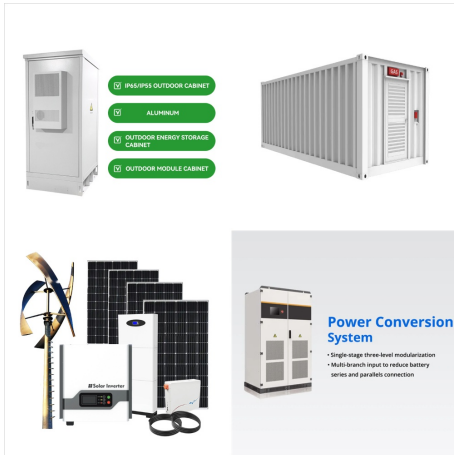
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Twenty-nine jurisdictions, representing around half of US electricity retail sales, have mandatory renewable portfolio standards (figure 7); 24 jurisdictions, including two new states in 2023, have zero greenhouse gas (GHG) emissions or 100% renewable energy goals spanning 2030 through 2050. 12 Renewable portfolio standards and clean energy



Join bp; Worldwide. Search. Search. Suggestions. View all results GBp () USD fossil fuel consumption falls and renewable energy consumption rises. US US emissions fall sharply across the scenarios from 2022, by 10-20% by 2030 and by 60-100% by 2050 due to the decarbonization of the power and transport sectors



BP logo seen outside a petrol station in London, U.K. (Photo: Leon Neal) Getty Images. When the news arrived that BP (LON: BP) was scaling down its renewable energy ambitions, it didn't hold much



bp today released the 70th annual edition of the bp Statistical Review of World Energy (bp Stats Review) Press release pdf Renewable energy (including biofuels but excluding hydro) rose by 9.7%, slower than the 10-year average (13.4% p.a.) but the absolute increment in energy terms (2.9 EJ) was similar to increases seen in 2017, 2018 and



In February 2020 we set out our ambition to be a net zero company by 2050 or sooner and to help the world get to net zero. This ambition is supported by 10 aims: five to help us become a net zero company, and five to help the world get to net zero. We ???



bp today introduces a new strategy that will reshape its business as it pivots from being an international oil company focused on producing resources to an integrated energy company focused on delivering solutions for customers.. Within 10 years, bp aims to have increased its annual low investment 10-fold to around \$5 billion a year, building out an ???



In that context, this year's edition of bp's Statistical Review of World Energy provides a timely reminder of global energy trends prior to the crisis. Some aspects are encouraging ??? particularly the continuing strong growth of renewable energy. ???



The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide. Renewable energy statistics 2023 provides datasets on power-generation capacity for 2013-2022, actual power generation for 2013-2021 and renewable energy balances for over 150 countries and areas for 2020-2021.





The plan to move away from oil and gas was unveiled in 2020 and included moves to rapidly increase renewable energy production by 2030. The sources said bp is now looking at new investments in the



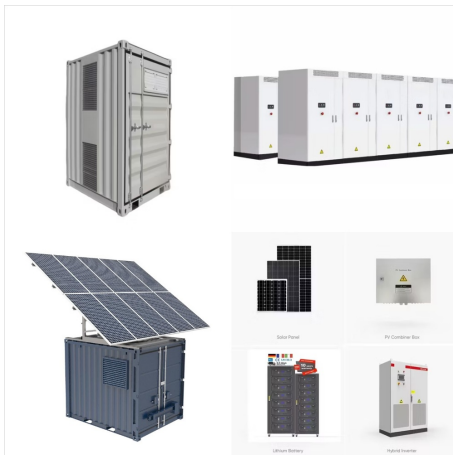
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among many when considering the prospects for global energy markets and bp considers a wide range of other external scenarios, analysis and information when forming its long-term strategy. Energy Outlook 2024 deployed in renewable power, with wind and solar power generation almost doubling between 2019 and 2023. This growth has been



The International Renewable Energy Agency (IRENA) produces comprehensive, reliable datasets on renewable energy capacity and use worldwide. Renewable energy statistics 2024 provides datasets on power-generation capacity for ???



That's why bp supports the direct federal regulation of methane emissions from new and existing sources across the value chain. Natural gas ??? increasingly decarbonized over time ??? has a pivotal role to play in getting to net zero. And tackling methane emissions is vital if gas is to play its fullest role in the energy transition.