

# ANALYSIS OF BASF S RELATED PROFIT IN ENERGY STORAGE PROJECTS



How does BASF invest in green power? Firstly, BASF is investing in its own renewable power assets, particularly offshore wind farms. Secondly, BASF will purchase green power on the market through long-term supply agreements with plant operators, green power agreements or renewable energy certificates, depending on the region and market regulations.



How many megawatts of solar power does BASF have? In North America, for example, we have secured around 250 megawatts of wind and solar generation capacity through virtual power purchase agreements with Dawn Solar and EDF Energy Services. BASF has also signed a 12-year supply agreement with X-ELIO to supply 48 megawatts of solar power to the Freeport site in Texas.



How will a new plant increase BASF's production capacity? The new plant will increase BASF's annual HMD production capacity to 260,000 metric tons. Production is expected to start in 2024. In the Industrial Solutions segment, we are increasing global production capacity for the antioxidant Irganox(R) 1010 through a project to expand production at the site in Jurong, Singapore.



How much CO<sub>2</sub> does the BASF group emit in 2022? The BASF Group's emissions reported under these targets in 2022 amounted to 18.4 million metric tons of CO<sub>2</sub> equivalents (2021: 20.2 million metric tons).



Who are BASF SE CEOs? From left to right, BASF SE head of global sales Uwe Fuchs, BASF SE managing director Frank Prechtel, Leader Energy executive deputy chairman Dato Sean Heng Chun Hsiang and Leader Energy CEO Gan Boon Hean. Image: Leader Energy

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What will BASF do in 2022? With the completion of the project in 2022, BASF aims to better serve the growing demand from customers in Asia, Europe, the Middle East and Africa. In addition, we increased production capacity for the antioxidant Irganox(R) 1520L by 20% at the site in Pontecchio Marconi, Italy, in the first quarter of 2021.



It's also more than double the 6.5GWh of storage deployments Tesla reported for 2022 's also nearly 10x the 1,651MW of storage deployments recorded by the company in 2019. For context, Germany's total cumulative ???



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Arthur Deakin is Director of AMI's Energy Practice, where he oversees projects in solar, wind, biomass and hydrogen power, as well as energy storage, oil & gas and electric vehicles. Arthur has led close to 50 Latin ???



The global electrical energy storage market is expanding rapidly with over 50 GW expected by 2026 of utility-connected energy storage and distributed energy storage systems. ???

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Investments in new technologies and in the transformation of our energy supply will help to achieve our growth targets and our ambitious climate targets. For the period from 2022 to 2026, we are planning capital ???



BSES is an exclusive global distributor of the sodium-sulfur (NAS) battery technology developed by NGK Insulators, a Japan-based industrial ceramics firm which has developed the technology designed for medium to ???



Spanish Innovative Hybrid Tender for renewable-plus-storage projects. Eligible energy storage systems must be larger than 1MW or 1MWh with a minimum discharge duration of 2 hours. The storage-to-plant capacity ratio ???



Our total energy consumption was 52.9 million MWh in 2022 (2021: 58.8 million Mwh), significantly below the prior-year figure due to the lower production levels. Total energy consumption includes fuel demand in our own ???



In each of these financings, Pacific Green combined best practice from the oil and gas sector - specifically expertise in developing large non-recourse project-financed infrastructure ??? to build ???

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Energy storage technologies are not entirely new. Pumped hydroelectric storage facilities have been used for decades to supplement generating capacity during peak energy demand, and a number of evolving ???



The increasing share of renewable energy plants in the power industry portfolio is causing grid instability issues. Energy storage technologies have the ability to revolutionize the ???



We, the team of BASF Stationary Energy Storage, fully support you in finding the appropriate energy solution for your individual use case. We are selling stationary storage batteries based ???



Malaysian manufacturing firm Leader Energy has tied up with BASF Stationary Energy Storage to develop long-duration energy storage projects in Southeast Asia using the sodium-sulfur battery technology of NGK.



In December, Energy-Storage.News reported that Germany-headquartered multinational chemical company BASF was among investors in a US\$13 million Series B funding round for ESS Inc, which is BASF's latest ???