

# TALENT SHORTAGE IN THE ENERGY STORAGE INDUSTRY



Are energy and materials companies facing a talent shortage? Since 2016, out of all the employees who left their roles in energy and materials companies, 42 percent moved to a different industry. <sup>9</sup> This underlines the very competitive nature of attracting and retaining talent within the sector. Companies that lack a clear talent strategy could face a talent shortage in years to come.



Why is hiring talent a problem in the energy sector? Hiring talent to backfill critical roles and fill new roles presents a unique set of obstacles in the energy sector. Experienced workers are retiring, mid-tenure employees have new opportunities in adjacent industries, and data indicates that fewer new employees are entering this workforce.



Are energy and materials companies attracting and retaining talent? Competition for employees is also heating up. Since 2016, out of all the employees who left their roles in energy and materials companies, 42 percent moved to a different industry. <sup>9</sup> This underlines the very competitive nature of attracting and retaining talent within the sector.



What is talent acquisition & why is it important? This form of talent acquisition could become a more common phenomenon, especially for companies looking for very specific technical capabilities, such as energy technicians for renewables operations and maintenance, or for specialized talents in a particular environment, such as developers in a country with an immature renewables industry.



Price says that this shortage is set to have serious ramifications for the region's energy industry. TQ works with a number of education and training providers in Saudi Arabia and is responsible for operating the Saudi Petroleum Services Polytechnic (SPSP) which was founded to provide training solutions specifically for the oil and gas industry.

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Europe's solar industry must address the talent shortage, supply chain challenges and permitting hurdles, according to PV industry experts. Energy Storage Awards 2024. Solar Media Events



d??? Are you challenged with the Talent Shortage in Energy Storage? Let's connect! d??? In a rapidly evolving industry where innovation is key, having the right team is essential and crucial for



Today we are in a worker's market. There are more open jobs than before the pandemic, and fewer people in the labor force. According to our 2021 Talent Shortage Survey, global talent shortages are at a 15-year high and more than 1 in 3 of U.S. employers report difficulty filling jobs. The reasons for this shortage are complex, with child care, health and well a?|



As the energy transition gathers pace, there is an increasing need for energy talent. The global demand for oil and gas is projected to remain roughly stable, while indicators point to substantial growth in supply from new energy sources by 2035. 1 Global Energy Perspective 2023, McKinsey, October 18, 2023. The energy industry is therefore facing two a?|



The renewable energy sector, projected to provide 42 million jobs by 2050, is poised for transformative growth, with energy storage playing a pivotal role in meeting the global power demand. As energy storage hiring intensifies in anticipation of a future where 30% of the world's energy will be renewable by 2024, the sector seeks talent equipped with innovative a?|

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Lysan advises that the shortage of qualified project managers available due to the talent gap that Brexit has created must be addressed. " It is therefore important that employers upskill their existing workforce by investing in training programmes that are tailored to the specific challenges of their sector," she says.



The clean energy industry has made an impressive recovery, reclaiming over 75 percent of the jobs lost during the COVID-19 pandemic. This resurgence signals a return to rapid growth, with the clean tech sector experiencing a remarkable job growth rate of over 5 percent in 2021.. The Inflation Reduction Act, enacted into law last year, is set to make a substantial a?|



The energy transition has created a swathe of job vacancies across multiple markets, but there is still a major skills shortage. A panel of six industry experts discussed why this shortage has happened and solutions for attracting talent



The Talent Shortage in the Renewable Energy Industry The lack of qualified talent is a critical issue. According to the 2023 Global Energy Talent Index, 48% of companies in the sector believe



The world is experiencing a 15-year low point in an ongoing talent shortage. According to the 2021 Q3 ManpowerGroup Talent Shortage and Employment Outlook Survey, 69% of companies globally reported talent shortages in 2021. That's up from just 35% in 2013. And based on a new report from Korn Ferry, the problem is only going to get worse.

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Energy industry's talent shortage. North Dakota Public Service Commission rejects Summit's permit application for CO2 pipeline. Summit intended to store up to 18 million tons of CO2 annually in a North Dakota storage site and had secured easement agreements with 375 landowners for 70% of its pipeline route.



Global Talent Shortage by Industry Vertical 75% Industrials & Materials 73% Communication Services 72% Financials & Real Estate 71% Energy & Utilities 77% Health Care & Life Sciences 76% Information Technology 76% Consumer Goods & Services 76% Transport, Logistics & Automotive 71% 76% 76% 76% 77% 74%



UK Innovation Halted by Infrastructure Limitations, Talent Shortages, and Rising Energy Costs. Pure Storage (NYSE: PSTG) delivers the industry's most advanced data storage platform to store, manage, and protect the world's data at any scale. With Pure Storage, organisations have ultimate simplicity and flexibility, saving time, money



1 . The renewable energy industry has, for a long time, had to face several challenges related to talent acquisition, retention, and development. As the industry continues to grow, it is becoming increasingly evident that expertise around solar engineering, grid connection and energy storage, etc. is lacking to allow governments to hit their



As of 2022, the energy sector has recovered 71% of the jobs lost in 2020.<sup>3</sup> The energy sector has added back 596,000 of the 840,000 jobs lost during the first year of the pandemic, but the distribution of these jobs has shifted across technologies. For example, the number of jobs in battery storage was 11%

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In Europe, some of these blue-collar professions needed for renewable energy expansion, such as electricians, are in the shortest supply. 5 Report on labour shortages and surpluses, European Labour Authority, November 2021. Making matters worse, time to hire in the energy industry is long.



The Energy Industry's Growing Appetite for Talent . The first question that comes to mind is, why is there such a high demand for skilled workers in the energy sector? The skills shortage in the energy industry is a complex issue with some significant implications. However, by investing in education, training, and workforce development, as



Talent shortages are beginning to stall progress in more established industries like battery storage and EVs. These shortages not only slow down company growth but also cause unsustainable staff workloads. "A lack of battery engineers is cited by 38% of respondents as the top reason for inefficiencies in existing battery processes."



Adopting more inclusive hiring practices and leading technologies will help energy firms tackle the burgeoning problem of digital skill gap. FREMONT, CA: Skilled workforce is a critical factor that sets successful companies apart from their competitors, and this trend is no different for energy companies. As the energy industry is going through a massive a?|



The talent shortage may already be slowing growth and expansion. By some estimates, there will be 3 million energy sector jobs by 2020. In the utilities subsectora??where half of the workforce is

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The global talent shortage is resulting in high numbers of job opportunities available within renewable energy, with the limited talent available to fulfill roles. This distinct shortage of candidates is posing challenges for businesses set on growth and expansion plans, while also combatting the supply and demand of business activity.



Addressing battery-industry workforce shortages and significant skills gaps becomes even more critical considering the anticipated six-fold increase in domestic battery workforce demand by 2030, the report says. "One thing that became apparent is how we can attract more talent for the battery industry and convince them how exciting it is



Talent Shortage Over Time The annual Talent Shortage Survey was not conducted in 2017 and 2020. 70% of employers report difficulty in filling roles. U.S. 2024 Talent Shortage 70% of employers are struggling to find the talent they need IT & Data skills are the most challenging to find, regardless of industry and geography Employers in the



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For the US battery energy storage sector alone, the 2022 National Renewable Energy Lab report estimated that a minimum of 130,000 additional workers (compared to 2020 estimates) would be

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As the world pivots from fossil fuels towards renewable energy sources such as solar, wind, battery storage, hydrogen and other forms of clean power, the role of Artificial Intelligence (AI) in this transition becomes increasingly critical. While AI helps to facilitate this shift, it also means that the energy sector requires new and innovative leaders who bring advanced a?|