

Solar

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Leaders

ENERGIES

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COMING
2022
SPRING

SOLAR

IN THE HOT SEAT: SOLAR'S ABBY HOPPER

Abigail (Abby) Ross Hopper's career has spanned the energy spectrum from wind to fossil fuels and now to solar, as president and CEO of the Solar Energy Industries Association (SEIA), since January 2017. She talks to OILWOMAN about the current state of the solar industry as it deals with the COVID-19 pandemic and why she believes solar will help lead the energy transition...



PUTTING THE "WE" INTO COMMUNITY SOLAR

Working in politics introduced Kristal Hansley to a career in solar energy. She saw the laws designed to encourage increased usage of solar energy. She became familiar with the financial incentives made available through changing legislation and regulations. She also knew that members of the BIPOC community and low to moderate-income earners were being left behind.



"I saw how the incentives were geared to higher earners," she says. "They were mainly targeted toward those who had the..."

WIND

WINDS OF CHANGE ARE BLOWING ACROSS RHODE ISLAND

"[It] created a deep and lasting impression on me," Dany St. Pierre says, as she recalls seeing her first offshore wind park in Denmark in 2005. St. Pierre, who heads up Women of Renewable Industries and Sustainable Energy (WRISE), a 501(c)3 charitable organization that promotes the advancement of women in renewable energy, says, "These very large and powerful wind turbines are part of the solution to climate change, and this experience convinced me to pursue my career in the renewable energy sector, since it is here to stay..."



VIRGINIA IS FOR (WIND) LOVERS

Standing more than 600 feet above the water line, 27 miles off the coast of Virginia Beach, Virginia, are two wind turbines, the first in Dominion Energy's Coastal Virginia Offshore Wind (CVOW) pilot project, currently the largest offshore wind project under development in the United States...



LEADERS

REACHING FOR THE STARS

If Dr. Angela Wilkinson had her way, it is quite possible she would change the name of the World Energy Council ("the Council") to the World Energy Community. The word "council" sounds official, slightly intimidating and possibly refers to some sort of closed society, limited to scientists and academics. While Wilkinson is an Oxford scholar and a physicist, she is quick to set the record straight...



JOURNEY TOWARD THE SUN: ANN DAVIES, COO LIGHTSOURCE BP

The stars have aligned. Like Icarus of Greek mythology, Ann Davies has always wanted to get closer to the sun, the star nearest the earth, ever since she was a child studying the skies in northern Wales with a basic telescope. But, unlike Icarus, Davies won't burn her wings. In fact, with her recent appointment as chief operating officer of Lightsource bp, a joint venture between the two companies, she continues to fly ever higher up the ranks at bp...



HYDRO

THE POWER OF WATER

Water makes up 71 percent of the Earth's surface and 60 percent of the human body. It creates and sustains life. It's abundant and powerful enough to destroy whole cities. It's no surprise that we've found a way to harness the force of this mighty, readily available resource. Hydropower uses rapidly moving water to generate renewable, inexpensive, reliable and adaptable electricity.

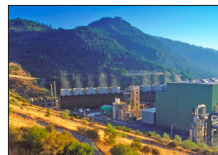


The Greeks began using descending water more than 2,000 years ago to turn wheels that would mill wheat into flour. Mechanical hydropower was used to pump and mill regularly in the 1700s. In the past, hydroelectric power accounted for a much larger percentage of electricity used in the United States than it does currently. About 40 percent of the power that we used in the early 1900s came from hydropower...

GEOHERMAL

POWER SURGE: WOMEN IN GEOTHERMAL ENERGY

Headlines over the past few years have shown that we are far behind when it comes to taking definitive action to save our environment. Activists around the world have pleaded with governments to use more sustainable resources in order to reverse climate change. All the while, geothermal scientists and industry professionals have been working behind the scenes to develop sustainable solutions that will bring geothermal energy to the masses. This untapped gem of the earth is also providing women with enriching career opportunities and a chance to enact powerful legislation that will positively alter the course of environmental regulations...



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