

October 20, 2022  
Volume 2, No. 13

## Select Stories

**Electrical Generation** | Suncor selling wind & solar to Canadian Utilities for C\$730MM

**Electrical Generation** | ConEd selling all its green assets to Germany's RWE for \$6.8B

**Electrical Generation** | Complete Solar & Solaria agree to combine, go public

**Fuel & Heating** | Exxon to store 2 mtpa of CO2 as CF builds on blue ammonia plans

**Fuel & Heating** | Syngas-to-gasoline developer and SPAC to form Verde Clean Fuels

**Energy Storage** | Queensland spending A\$62B to be world's green energy capital

**Materials & Services** | Aker Solutions & Siemens to start EPCI for 1.4 GW wind farm |

**ESG** | Aramco & Schlumberger team up to help industry cut the carbon

## BP sprints into U.S. RNG through \$4.1B deal for Archaea Energy

BP accelerated into the U.S. biogas sector, announcing Oct. 17 it had agreed to acquire Archaea Energy Inc., a producer of 36 MMcf/d of renewable natural gas in the U.S., for \$3.3 billion cash as well as around \$800 million of net debt. The acquisition is BP's largest in renewables, expanding the British supermajor's presence in U.S. biogas as part of its energy transition strategy.

Acquiring Archaea progresses BP's goal to reduce the average carbon intensity of the energy products it sells. BP aims to reduce that carbon intensity to net zero by 2050. Archaea operates 50 RNG and landfill gas-to-electricity facilities across the U.S., including the Assai project in Pennsylvania, which at 10.7 MMcf/d was called the highest-capacity operational RNG facility in the world when it started up Dec. 30, 2021. At closing, Archaea's production is expected to provide an immediate 50% increase to BP's biogas volumes. [Read more...](#)

**Will immediately increase BP's biogas supply volumes by 50% upon closing.**

## AEP dedicates \$9B to renewables, but only regulated projects

Columbus, Ohio-based American Electric Power intends to spend \$9 billion from 2023 through 2027 on regulated renewable generation. However, the company plans to continue on the path of selling its portfolio of contracted, unregulated renewable energy assets.

In total, AEP aims to invest \$40 billion in capex over the next five years, up by \$2 billion from the five-year plan announced last November. Upgrading its transmission and distribution operations will take \$26 billion, although that spending is related to renewables as well.

"You can't do the renewables buildout that this country is talking about doing without transmission," CEO Nick Akins said during an Oct. 4 analyst presentation. AEP maintains the nation's largest electricity transmission system and more than 224,000 miles of distribution lines delivering power to 5.5 million regulated customers in 11 states.

Between 2021 and 2030, AEP plans to add 16 GW of new renewable resources. The most recent additions are the 1.48 GW North Central Wind Center in Oklahoma, which became fully operational in March. [Read more...](#)

**Utility will add 16 GW of renewables by 2030 as it pares down coal's role.**

| Section Index                   | PG. |
|---------------------------------|-----|
| Electrical Generation           | 3   |
| Fuel & Heating                  | 14  |
| Energy Storage                  | 20  |
| Materials & Services            | 22  |
| Electric Vehicles               | 22  |
| ESG                             | 26  |
| Recurring Tables & Graphs       | PG. |
| Electricity Pricing             | 10  |
| Proposed Generation             | 10  |
| U.S. Renewable Power Projects   | 13  |
| Renewable Energy Top 40         | 14  |
| Top 10 M&A Deals                | 18  |
| Renewable Stock Movers          | 18  |
| Clean Energy Market Performance | 18  |
| Weekly ISO Lookback             | 23  |

## AEP Expects to Sell Unregulated Projects by 2Q23

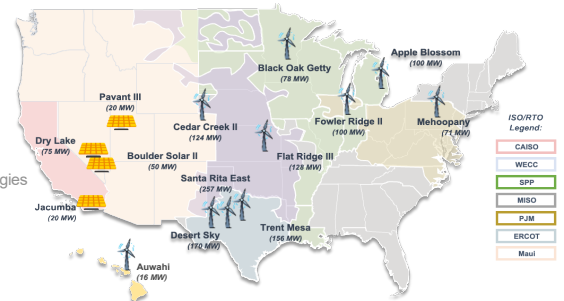
### Unregulated Contracted Renewable Assets

**1,365 MW**  
net capacity (Wind: 1,200 MW; Solar: 165 MW)

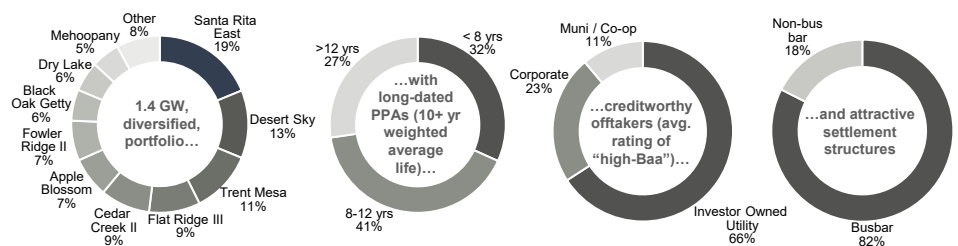
**14 operating assets**  
of relatively new vintage across wind and solar technologies

**11 states / 7 power markets**  
across the U.S.

**10+ year PPA**  
weighted average remaining PPA term



### Portfolio breakdown



Source | American Electric Power 10/04/22 presentation via Enverus docFinder

## Activity Index

| Company                         | Headline   | Location              | PG.       |
|---------------------------------|--|-----------------------|-----------|
| Aker Solutions                  | Aker Solutions & Siemens to start EPCI for 1.4 GW wind farm      | Materials & Services  | <b>24</b> |
| Algonquin Power & Utilities     | Algonquin sells stakes in 726 MW of wind assets to InfraRed      | Electrical Generation | <b>5</b>  |
| Alternus Energy Group           | Solar company Alternus creates development arm Altnua            | Electrical Generation | <b>6</b>  |
| American Electric Power         | AEP dedicates \$9B to renewables, but only regulated projects    | Electrical Generation | <b>1</b>  |
| Aquaterra Energy                | Aquaterra & Seawind to develop historic wind & hydrogen project  | Electrical Generation | <b>10</b> |
| Aukera Energy                   | Aukera picking up Secureenergy's 1 GW solar portfolio in Germany | Electrical Generation | <b>9</b>  |
| BP                              | BP sprints into U.S. RNG through \$4.1B deal for Archaea Energy  | Electrical Generation | <b>1</b>  |
| Brooge Energy                   | Brooge selects German EPC firm for hydrogen study in UAE         | Fuel & Heating        | <b>18</b> |
| Brookfield Renewables           | Brookfield fund to finance up to \$1B of LanzaTech projects      | ESG                   | <b>26</b> |
| Cemvita Factory                 | Cemvita uses microbes to pull hydrogen from depleted oil fields  | Fuel & Heating        | <b>16</b> |
| Chevron                         | Chevron funding new CalBio RNG cluster in California             | Fuel & Heating        | <b>16</b> |
| Complete Solaria                | Complete Solar and Solaria agree to combine, go public           | Electrical Generation | <b>6</b>  |
| Consolidated Edison             | ConEd selling all its green assets to Germany's RWE for \$6.8B   | Electrical Generation | <b>4</b>  |
| Contemporary Amperex Technology | CATL supplying 3 GWh of battery systems to FlexGen               | Energy Storage        | <b>20</b> |
| Corio Generation                | Corio teams with Q-Energy to explore Spanish offshore wind       | Electrical Generation | <b>9</b>  |
| Criterion Energy Partners       | Chesapeake backing Texas geothermal developer Criterion          | Electrical Generation | <b>5</b>  |
| Duke Energy                     | Duke bolsters 10-year capex, reaffirms decarbonization plan      | ESG                   | <b>26</b> |
| Eavor                           | Eavor taps KCA Deutag rigs for f first commercial project        | Materials & Services  | <b>24</b> |
| Enbridge                        | Enbridge buys wind & solar developer Tri Global for \$270MM      | Electrical Generation | <b>3</b>  |
| EnerVenue                       | EnerVenue to help steel and aluminum firm reach 1 GW goal        | Energy Storage        | <b>20</b> |
| Enfinity Global                 | Enfinity enters U.S. renewables sector with 400 MW solar buy     | Electrical Generation | <b>5</b>  |
| Engie                           | Engie ordering up to 188 Vestas turbines for Brazilian project   | Electrical Generation | <b>11</b> |
| Eni Plenitude                   | Eni Plenitude completes 104.5 MW wind farm in Spain              | Electrical Generation | <b>9</b>  |
| Entergy Arkansas                | Entergy Arkansas gets green light for 250 MW Driver solar farm   | Electrical Generation | <b>7</b>  |
| Equinor                         | Equinor completes first solar farm in Poland through Wento       | Electrical Generation | <b>9</b>  |
| European Energy                 | Developer European Energy enters U.S. renewables sector          | Electrical Generation | <b>5</b>  |
| EverGen Infrastructure          | EverGen expects to commission GrowTEC expansion in November      | Fuel & Heating        | <b>17</b> |
| ExxonMobil                      | Exxon to store 2 mtpa of CO2 as CF builds on blue ammonia plans  | Fuel & Heating        | <b>15</b> |
| Free Rein Resources             | Free Rein proposes CCUS hub & hydrogen filling stations          | ESG                   | <b>26</b> |
| Glennmont Partners              | Glennmont completes 211 MW wind farm onshore Finland             | Electrical Generation | <b>9</b>  |
| Global Infrastructure Partners  | GIP enters Latin American renewables sector with Atlas buy       | Electrical Generation | <b>11</b> |
| Great River Hydro               | Hydro-Québec acquiring Great River Hydro for \$2B                | Electrical Generation | <b>6</b>  |
| Innergex Renewable Energy       | Innergex taking full control of 324 MW French wind portfolio     | Electrical Generation | <b>8</b>  |
| KKR                             | KKR agrees to invest in Indian conglomerate Hero's green arm     | Electrical Generation | <b>7</b>  |
| Marathon Petroleum              | Marathon & Neste finalize JV for 48 Martinez biodiesel refinery  | Fuel & Heating        | <b>14</b> |
| Neptune Energy                  | Neptune & RWE award contracts for design work on H2 project      | Fuel & Heating        | <b>19</b> |
| NextEra Energy Resources        | NextEra adds 387 MW of storage capacity in final Blythe phase    | Energy Storage        | <b>21</b> |
| NGP Energy Capital Management   | NGP leads \$40MM investment round for Earth Truss maker Ojjo     | Materials & Services  | <b>22</b> |
| OMV Petrom                      | OMV Petrom & CE Oltenia plan to build 450 MW of solar            | Electrical Generation | <b>11</b> |
| Ørsted                          | Ørsted closes 50% selldown of recently finished Hornsea 2        | Electrical Generation | <b>8</b>  |
| Our Next Energy                 | Battery maker ONE charging up Michigan plant with \$1.6B         | Materials & Services  | <b>22</b> |
| Raven                           | Raven & EFT to combine tech for renewable fuel platform          | Fuel & Heating        | <b>15</b> |
| ReneSola Power                  | ReneSola steps into IPP role in Europe with 50 MW solar buy      | Electrical Generation | <b>8</b>  |
| Schlumberger                    | Schlumberger taps Gradient water tech to extract lithium         | Materials & Services  | <b>25</b> |
| Shell                           | Shell exits Simply Blue-led floating wind projects off Ireland   | Electrical Generation | <b>8</b>  |
| Shell                           | Shell moves into African power with Nigeria's Daystar            | Electrical Generation | <b>11</b> |
| Shell                           | Shell to convert shuttered Convent refinery to biofuels          | Fuel & Heating        | <b>14</b> |
| Suncor Energy                   | Suncor selling wind & solar to Canadian Utilities for C\$730MM   | Electrical Generation | <b>3</b>  |
| Terra-Gen                       | Terra-Gen secures nearly \$1B for California solar plus storage  | Electrical Generation | <b>4</b>  |
| Toledo Solar                    | Toledo Solar expanding plant capacity to 2.8 GW by 2027          | Materials & Services  | <b>24</b> |
| Trive Capital                   | Trive Capital turns 7 acquisitions into an EV-charging OWL       | Electric Vehicles     | <b>22</b> |
| Verde Clean Fuels               | Syngas-to-gasoline developer and SPAC to form Verde Clean Fuels  | Fuel & Heating        | <b>16</b> |
| Wintershall Dea                 | Wintershall Dea invests in novel H2 storage & transport startup  | Fuel & Heating        | <b>17</b> |
| Yellow Door Energy              | New majority shareholder & \$400MM walk through the Yellow Door  | Electrical Generation | <b>5</b>  |

## Electrical Generation

### Suncor selling wind & solar to Canadian Utilities for C\$730MM

Moving ahead on a decision this spring to “fit and focus” its portfolio, Suncor Energy Inc. announced an agreement to sell its wind and solar assets to Canadian Utilities Ltd. for C\$730 million. The divestment enables Suncor to concentrate on its core oil sands operations and on growing its hydrogen and low-carbon fuels businesses.

“Our ESG efforts will continue to advance in other areas that are complementary to our core business such as replacing coke-fired boilers at Base Plant with lower emission cogeneration units, investing in hydrogen and low-carbon fuels and accelerating commercial scale deployment of carbon capture technology,” interim president and CEO Kris Smith said.

The sale includes stakes in the operational Magrath, Chin Chute and Adelaide wind farms and in the 202 MW Forty Mile wind farm, which will soon start up. Also in the package, which went up for sale in April, are development-stage renewable power assets. In all, the assets represent over 1.5 GW of wind and solar assets at various stages of development.

Suncor expects the transaction to close in 1Q23, subject to customary closing conditions including regulatory approvals. The purchase price may also be adjusted at closing.

The sale of these assets ends a 20-year phase for Suncor; it initially partnered with Enbridge in 2002 to build one of the first renewable energy projects in Canada and had since developed eight wind power projects across Saskatchewan, Alberta and Ontario, the company mentioned earlier in the year.

Canadian Utilities is a division of ATCO, which said in a press release that the assets to be acquired put it “on a firm trajectory to become a major renewable player” and will help it achieve its goal of owning, developing or managing more than 1 GW of renewable energy by 2030. ATCO expects the acquisition to be earnings and cash flow accretive in 2023, as the Adelaide wind farm has long-term offtake contracts and the company is discussing contracts for the pending Forty Mile power output.

**Buyer, a subsidiary of ATCO, is now on path to be ‘major renewable player.’**

### Enbridge buys wind and solar developer Tri Global for \$270MM

Enbridge Inc. bought Dallas-based renewable project developer Tri Global Energy LLC for \$270 million in cash and assumed debt, with potential contingent payments of \$50 million, the North American pipeline giant announced Sept. 29. Founded in 2009, TGE is the third-largest onshore wind developer in the U.S. with 7 GW of wind and solar projects in various stages of development. Enbridge will retain the TGE development team.

**TGE the third-largest U.S. onshore wind developer with 7 GW of wind & solar.**

TGE’s portfolio includes 3.9 GW of renewable generation projects that have already been sold to operators but will generate development fees and accretion to distributable cash flow per share in the first year following the acquisition by Enbridge. TGE also has 3 GW of wholly owned late-stage development projects that are expected to be placed into service between 2024 and 2028, Enbridge said.

“TGE will enhance Enbridge’s renewable platform and accelerate our North American growth strategy,” president and CEO Al Monaco said. “TGE’s significant development pipeline, coupled with our renewable capabilities and existing self-power opportunities, make this a truly synergistic investment that further positions us to grow organically at attractive equity returns.”

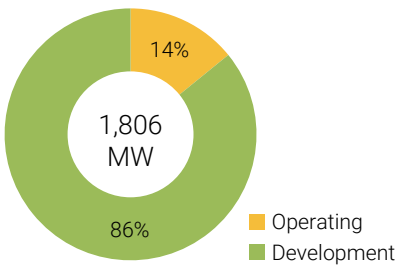
North America’s biggest midstream company expects the continent’s renewable power fundamentals to “remain robust.” Increased public and private sector demand for “zero-carbon electricity” will drive investment in wind and solar power generation significantly higher in the next decade, Enbridge said.

### Canadian Utilities’ Acquired Operating Assets Overview

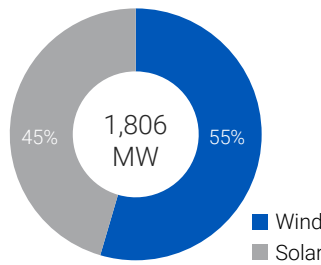
| Acquired Operating Assets - Further Information |              |           |           |                   |  |
|---|--------------|-----------|-----------|-------------------|--|
| Asset   | Size Net MW) | COD       | Ownership | Contractedness    | Partner(s)   |
| Forty Mile Wind Phase 1                         | 202          | Late 2022 | 100%      | Under Negotiation | None   |
| Adelaide Wind                                   | 30           | 2015      | 75%       | Contracted        | Aamjiwnaang First Nation                             |
| Magrath Wind                                    | 10           | 2004      | 33%       | Merchant          | Acciona Wind Energy Canada; Enbridge Wind Power Inc. |
| Chin Chute Wind                                 | 10           | 2006      | 33%       | Merchant          | Acciona Wind Energy Canada; Enbridge Wind Power Inc. |



Portfolio by Status (Net MW)



Portfolio by Technology (Net MW)



Source | Canadian Utilities 10/05/22 presentation via Enverus docFinder

**Click for More!**

**Enbridge lengthens maturity profile with \$1.1B pair of long-60s**

## Electrical Generation

### ConEd selling all its green assets to Germany's RWE for \$6.8B

New York mega-utility Consolidated Edison Inc. announced it will sell all of its clean energy businesses to Germany's RWE AG for \$6.8 billion cash, based on an enterprise value-to-EBITDA multiple of 11x. Those businesses operate 3 GW of renewable generation capacity, of which 90% is solar, and are held within the utility's Con Edison Clean Energy Businesses Inc. and several subsidiaries, which under the Oct. 1 agreement will all be transferred to RWE Renewables Americas LLC. Closing is expected in 1H23, but first the transaction must clear antitrust reviews and receive approvals from FERC and the Committee on Foreign Investment in the United States.

**Expected proceeds change equity issuance plans, allow ConEd to focus on its core.**

ConEd chairman and CEO Timothy P. Cawley said the company will "sharply focus on our core utility businesses and the investments needed to lead New York's ambitious clean energy transition," adding that RWE will accelerate the growth of renewable energy in the U.S. The utility supplies millions of New York City and suburban customers with power, gas and steam and is North America's second-largest solar power producer, according to its website.

ConEd had forecasted production of about 60 terawatt-hours of electricity from its solar and wind portfolio by around 2025 and was planning to spend billions on new projects, resiliency efforts, carbon footprint reduction and clean energy transmission, among other things, during the 2020s.

The transaction will free the company from plans to issue up to \$850 million in new common stock. It also withdrew its equity guidance for 2023 and 2024, in which it was planning to issue an aggregate \$750 million in common stock. ConEd did not specify any changes to either debt issuance or spending plans for those years, during which it was planning to issue about \$2.5 billion aggregate principal amount and spend more than \$11 billion, according to a 2021 earnings announcement in February.

RWE said the acquisition will nearly double its U.S. renewables portfolio to 7.2 GW and will be accretive to earnings during the first year, with EBITDA around \$600 million. The company will finance the acquisition through debt and equity issuances, including almost €2.43 billion in mandatory convertible bonds sold to Qatar Investment Authority that will convert into more than 9% of RWE's shares outstanding.

### Terra-Gen secures nearly \$1B for California solar plus storage

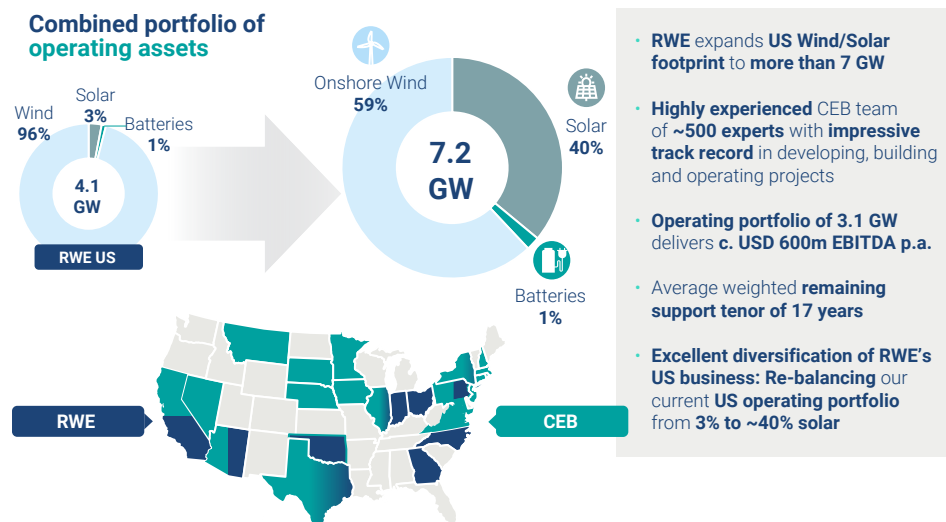
Terra-Gen LLC completed financing on the second phase of its massive Edwards Sanborn Solar Storage facility, part of a project in Kern County, California. The second phase will provide 410 MW of nameplate solar capacity and 1.79 GWh of battery storage. It will be funded by \$959 million in senior secured credit facilities, consisting of a \$460 million construction and term loan facility, a \$403 million tax equity bridge facility, and a \$96 million construction and revolving letter of credit facility. U.S. Bank is providing the tax equity commitment for the project, with BNP Paribas, CoBank, ING and Nomura Securities leading the construction and term financing.

**Phase 2's solar panels to go online this year; battery storage coming in 3Q23.**

Terra-Gen's Edwards Sanborn project is located on land leased from Edwards Air Force Base and on adjacent private land. Mortenson is the full EPC contractor on both the solar and energy storage scopes, with First Solar supplying the solar modules and LG Chem, Samsung and BYD supplying the batteries. Terra-Gen expects the solar portion of the second phase to come online in Q3 and Q4 with the battery storage scheduled to be fully operational by 3Q23.

The first phase of Edwards Sanborn was financed in July 2021, and its 345 MW of solar capacity and 1.51 GWh of storage are fully operational. Terra-Gen is developing future phases that will include over 2 GW of incremental solar and energy storage to be interconnected to the California Independent System Operator grid. Subsequent phases will be financed starting in 2023 and begin to come online in 2024. When complete, the Edwards Sanborn Solar Storage franchise is expected to be the world's largest integrated solar-powered battery storage project, according to the company.

### RWE's U.S. Portfolio Strengthened by CEB's Renewables Platform



Source | RWE 10/07/22 presentation via Enverus docFinder

## Electrical Generation

### Algonquin sells stakes in 726 MW of wind assets to InfraRed

U.S. utility Algonquin Power & Utilities Corp. is selling ownership interests in four operational wind farms in the U.S. and Canada to infrastructure investment manager InfraRed Capital Partners. Algonquin said it will realize total cash proceeds of \$277 million for the three U.S. facilities and C\$107 million (\$78 million) for the Canadian facility.

InfraRed, an indirect subsidiary of Sun Life Financial Inc., will pick up 49% stakes in the Odell wind farm in Minnesota, the Deerfield wind farm in Michigan and the Sugar Creek wind farm in Illinois. Together, the three assets have combined gross capacity of 551 MW. It will also pick up an 80% stake in the 175 MW Blue Hill wind farm in Saskatchewan.

Algonquin will continue to operate and provide management services to the facilities. It said the deal is its inaugural asset recycling transaction and added that asset recycling, leveraging the scale of its existing renewables portfolio, is a key component of its \$12.4 billion capital plan through YE26.

As a result of the transaction, the utility does not intend to issue any equity through YE26 and is ceasing issuances under its at-the-market equity program. Algonquin also plans to evaluate further asset sales as a core part of its capital plan for 2023 and beyond.

**Three divested U.S. facilities have combined gross capacity of 551 MW.**

### New majority shareholder & \$400MM walk through the Yellow Door

Yellow Door Energy, a Dubai-based provider of solar photovoltaic and energy efficiency solutions, has closed an equity raise valued at \$400 million, the company announced Oct. 12. Participants in the round include Yellow Door's newest shareholder, Actis, a global investor that now controls the company. Existing shareholders International Finance Corp., Mitsui & Co. and Apicorp plc increased their investments as well. The round also included the sale of current shares by some of Yellow Door's initial investors, allowing them to exit. Proceeds will be used to continue development of sustainable energy projects in the Middle East, Africa and other regions.

The company said the completion of this equity sale fully funds its business plan. Yellow Door's management will now begin to execute energy solutions over the next five years to create a \$1 billion-plus portfolio, which the company said will be funded through equity and debt securities. With operations in the UAE, Jordan, Pakistan, Saudi Arabia, Bahrain and South Africa, Yellow Door says it has one of the largest commercial and industrial project portfolios in the region, including 106 MW in operation and 104 MW awarded and under construction.

**Pursuing energy solutions over the next 5 years to create a \$1B+ portfolio.**

### Chesapeake backing Texas geothermal developer Criterion

Geothermal energy developer Criterion Energy Partners announced backing from and a strategic partnership with shale drilling pioneer Chesapeake Energy. Houston-based Criterion said in a Sept. 15 press release that the partnership includes an investment by Chesapeake to help plan and prepare for an initial test well and will lean on Chesapeake's experience in subsurface evaluation, drilling and completions. The natural gas-focused E&P company will also have the option to participate in future development projects under terms of the partnership.

Criterion recently acquired a 10,000-acre lease near the U.S. Department of Energy's Pleasant Bayou project, which produced geothermal power in the early 1990s and proved the feasibility of a large geothermal resource on Texas' Gulf Coast, the company said. Criterion co-founder and CEO Danny Rehg said Chesapeake will help his company unlock geothermal energy technologies for new markets and customers. Neither company disclosed the size of the financial investment. Earlier this year, Patterson-UTI made a strategic investment in Criterion, with the drilling company calling Criterion's business model of leveraging proven horizontal drilling and completion technologies "innovative."

### Developer European Energy enters U.S. renewables sector

Danish renewable energy firm European Energy has set its sights on the U.S. and aims to develop 10 GW of renewable energy projects in the country by 2026. The company's U.S. subsidiary, EE North America, has opened an office in Austin, Texas, to support its development pipeline and purchased more than 7,000 acres for its first solar projects, including 1 GW of solar in Texas and additional projects in Western states. The subsidiary is also exploring investments in green hydrogen and e-methanol, which is produced with green hydrogen and captured CO<sub>2</sub>.

EE recently completed a 50 MW electrolyzer order with Siemens to develop what it said will be the world's first commercial large-scale e-methanol project. It also signed an offtake agreement to supply A.P. Moller-Maersk with up to 300,000 tons of e-methanol by 2025. It is partnering with multiple European ports to produce green hydrogen. Founded in 2004, EE has a current project pipeline of 40 GW globally.

### Enfinity enters U.S. renewables sector with 400 MW solar buy

Miami-based renewables developer Enfinity Global is acquiring a 400 MW solar portfolio from private equity firm Capital Dynamics for an undisclosed price. The portfolio consists of 28 operational solar plants in California, North Carolina and Idaho. All of the projects reached their commercial operation dates within the last five years and hold long-term power purchase agreements with high-quality utility offtakers, Enfinity said.

The acquisition is Enfinity's first in the U.S., and the company said it will pursue further investment opportunities in the country. Formed in 2018, the company has more than 5 GW of renewable energy projects globally, of which about 400 MW is operational and the remainder is under construction or in development. Excluding the latest deal, about 58% of Enfinity's portfolio is in Italy and Portugal and the remaining 42% is split between India and Japan, according to the company's website.

### Executive Summary

#### Renewables Investment and Activity in 2023

Renewables investment and activity in 2023 showed a strong recovery from the challenges of 2022. Global investment in renewables reached \$1.1 trillion, up from \$950 billion in 2022. This growth was driven by a combination of factors, including supportive government policies, technological advancements, and a growing focus on decarbonization.

#### Key Highlights

Key highlights of the 2023 report include a record-breaking year for solar investment, with a 40% increase in global capacity additions. Wind investment also saw significant growth, particularly in onshore projects. The report also highlights the increasing role of private equity and institutional investors in financing renewable energy projects. Additionally, there was a notable increase in M&A activity, with several major acquisitions in the sector.

#### Regional Performance

Regionally, Asia-Pacific led the world in renewable investment, followed by Europe and North America. The report provides a detailed breakdown of activity across various renewable energy technologies, including solar, wind, hydro, and geothermal. It also discusses the challenges and opportunities facing the industry in different regions.

#### Renewables Investment and Activity in 2023

The report provides a comprehensive overview of the global renewable energy market, including a detailed analysis of investment trends, project pipelines, and operational performance. It also includes a forecast for the industry's growth over the next several years, highlighting the continued importance of renewable energy in the global energy transition.

#### Methodology

The data for this report was collected through a combination of public sources, industry surveys, and direct communication with industry participants. The report uses a consistent methodology to ensure the accuracy and reliability of the data presented.

The report is intended to provide a clear and concise overview of the renewable energy market for investors, analysts, and industry professionals. It is a valuable resource for anyone interested in the latest developments in the sector.

**Thank you! We hope you've enjoyed your sample of our Renewables Pulse report.**

Enverus is the trusted source for global oil & gas and renewables activity, including projects and operations, M&A activity, capital markets and new technologies.

**Executive Summary**

The global renewable energy market is projected to reach a total capacity of 1,000 GW by 2025, with solar and wind leading the growth. The report provides a comprehensive overview of the market, including a detailed analysis of the global renewable energy market, a breakdown of the market by region, and a detailed analysis of the global renewable energy market. The report also includes a detailed analysis of the global renewable energy market, a breakdown of the market by region, and a detailed analysis of the global renewable energy market.

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**Thank you! We hope you've enjoyed your sample of our Renewables Pulse report.**

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Renewables Pulse is a comprehensive report that provides a detailed overview of the global renewable energy market. It covers a wide range of sectors, including solar, wind, hydro, and geothermal, and offers insights into market trends, key players, and emerging technologies. The report is designed to be a valuable resource for industry professionals, investors, and policymakers alike.

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| Region               | Market Size (USD Bn) | YoY Growth (%) |
|----------------------|----------------------|----------------|
| North America        | 120                  | 15             |
| Europe               | 95                   | 12             |
| Asia-Pacific         | 180                  | 20             |
| Latin America        | 45                   | 8              |
| Middle East & Africa | 30                   | 5              |

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Renewables Pulse



Renewables Pulse

Renewables Pulse

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**RENEWABLES PROJECTS**

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**Renewables Pulse**  
The industry's most comprehensive source of news, analysis and data on the global oil & gas and renewables sectors. This report provides a detailed overview of the current market conditions, including the latest news, analysis and data on the global oil & gas and renewables sectors. It covers a wide range of topics, including the latest news, analysis and data on the global oil & gas and renewables sectors. The report is a valuable resource for industry professionals and investors alike.

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The report covers a wide range of topics, from the latest in renewable energy technology to the impact of global energy policies. It provides a clear and concise summary of the current state of the industry, as well as forecasts for the future. The report is available in both print and digital formats, making it easy to access and share.

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| Region        | Renewable Energy | Oil & Gas | Coal | Nuclear | Hydro |
|---------------|------------------|-----------|------|---------|-------|
| North America | 100              | 100       | 100  | 100     | 100   |
| Europe        | 100              | 100       | 100  | 100     | 100   |
| Asia          | 100              | 100       | 100  | 100     | 100   |
| Latin America | 100              | 100       | 100  | 100     | 100   |
| Middle East   | 100              | 100       | 100  | 100     | 100   |
| Africa        | 100              | 100       | 100  | 100     | 100   |
| Oceania       | 100              | 100       | 100  | 100     | 100   |

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Renewables Pulse is a comprehensive report that provides a detailed overview of the global renewable energy market. It covers a wide range of sectors, including solar, wind, hydro, and geothermal. The report offers insights into market trends, key players, and emerging technologies. It is an essential resource for industry professionals, investors, and policymakers alike.

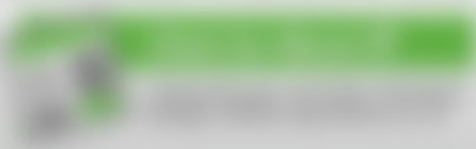
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