



# Associated Energy Developers

## Renewable Energy Project:

- Analysis
- Design
- Development

*Associated Energy Developers is a renewable energy project analyst, developer and system integrator with ongoing projects worldwide. As our name implies, we strive to create strategic relationships, or associations, with other developers, land owners, real estate professionals, or service providers. We provide planning and design, engineering, permitting, construction, financing and operations for projects on a turnkey basis. We develop-to-own, and also develop-for-hire.*

*A unique network of experienced industry experts, renewable solutions and development capabilities.*

At Associated Energy Developers, we provide services to analyze, design, and develop renewable energy projects. For nearly 40 years, our members have participated in the renewables industry working to evaluate, construct, and operate sustainable innovations and sustainable solutions.

## Our Services Include:

- Initial energy resource and site evaluation
- Appraisals and feasibility studies
- Wind resource equipment, analysis and evaluation
- Preparation of planning and permitting documentation
- Technical due diligence
- Interconnection studies and agreements
- Community outreach and education
- PPA negotiations and financial analysis
- Financial modeling
- Project financing

## Financing:

Wind and sunlight may be free, but building the capital equipment to utilize this sustainable energy costs money.

We are proud to be able to provide our project partners with the ability to fund projects as they become permitted. We maintain relationships with a large number of private and institutional equity and debt investors who are aware of our expertise in the renewable energy field and have experience backing our projects. We are currently working on projects as small as one million dollars and

as large as \$100 million. We build portfolios of smaller projects in order to achieve economies of scale.

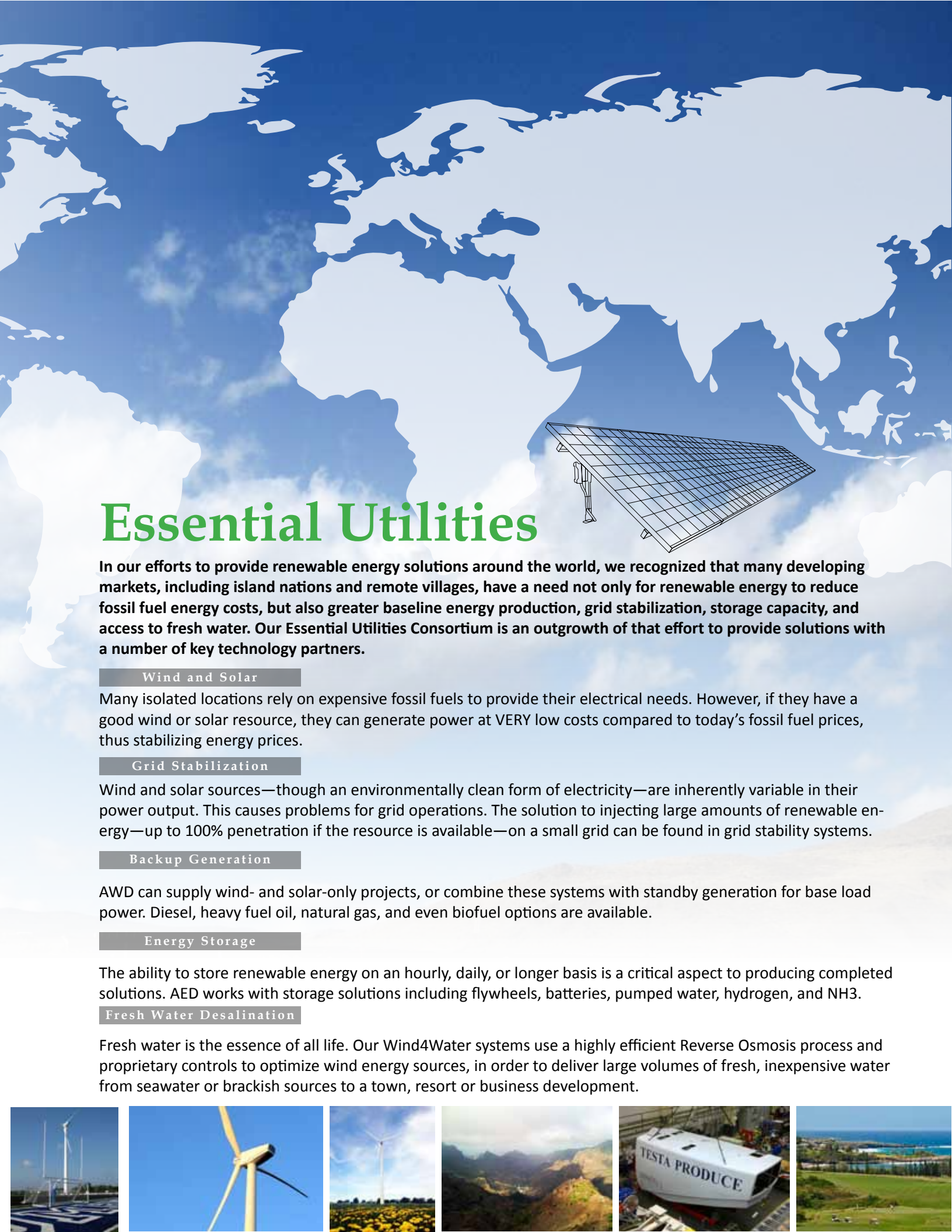
All AED projects undergo a strict qualifying process to determine profitability over a 25 year period. Qualified investors who are interested in investing in renewable energy projects are encouraged to contact us directly.



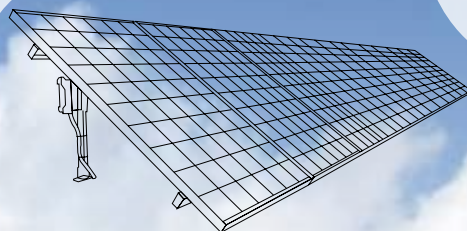
*Like properties that sit on top of an oil field, properties that have a good wind or solar resource can be very valuable. Now you can order a renewable energy appraisal or feasibility study to find out just how valuable your property is.*







# Essential Utilities



**In our efforts to provide renewable energy solutions around the world, we recognized that many developing markets, including island nations and remote villages, have a need not only for renewable energy to reduce fossil fuel energy costs, but also greater baseline energy production, grid stabilization, storage capacity, and access to fresh water. Our Essential Utilities Consortium is an outgrowth of that effort to provide solutions with a number of key technology partners.**

## Wind and Solar

Many isolated locations rely on expensive fossil fuels to provide their electrical needs. However, if they have a good wind or solar resource, they can generate power at VERY low costs compared to today's fossil fuel prices, thus stabilizing energy prices.

## Grid Stabilization

Wind and solar sources—though an environmentally clean form of electricity—are inherently variable in their power output. This causes problems for grid operations. The solution to injecting large amounts of renewable energy—up to 100% penetration if the resource is available—on a small grid can be found in grid stability systems.

## Backup Generation

AWD can supply wind- and solar-only projects, or combine these systems with standby generation for base load power. Diesel, heavy fuel oil, natural gas, and even biofuel options are available.

## Energy Storage

The ability to store renewable energy on an hourly, daily, or longer basis is a critical aspect to producing completed solutions. AED works with storage solutions including flywheels, batteries, pumped water, hydrogen, and NH3.

## Fresh Water Desalination

Fresh water is the essence of all life. Our Wind4Water systems use a highly efficient Reverse Osmosis process and proprietary controls to optimize wind energy sources, in order to deliver large volumes of fresh, inexpensive water from seawater or brackish sources to a town, resort or business development.



# Contact Us:



## **INNOVATIVE THINKING**

Associated Energy Developers, LLC is located in America's Hometown of Plymouth, Massachusetts. Please feel free to contact us with any questions or to receive further information about our services. Our office hours are from 8am to 5:30 pm Monday through Friday, or by appointment.

**One Source... Multiple Solutions.**

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Associated Energy Developers  
11 Resnik Road  
Plymouth, MA USA

p: 888-800-2381

[info@associatedenergydevelopers.com](mailto:info@associatedenergydevelopers.com)

[AssociatedEnergyDevelopers.com](http://AssociatedEnergyDevelopers.com)