

Pump Solutions for Clean Energy



Typical Renewable Energy Applications

As the world shifts toward renewable resources, a reliable infrastructure is paramount to support clean energy.

Finish Thompson pumps play a vital role in maintaining system integrity in a variety of sustainable applications, including:

- Solar energy
- Wind energy
- Flow battery
- Biofuels

Pumps Fuel Clean Energy

SOLAR

- Accounts for 33% of renewable energy globally
- 3.2 million U.S. homes have solar panels
- Pumps are essential to the fume scrubbers used in solar panel manufacturing.

WIND

- More than 90,000 wind turbines are installed across the U.S.
- By 2030, 20% of U.S. electricity could be wind generated
- Pumps move coolant through wind turbine systems

FLOW BATTERY

- Store renewable electricity in liquid electrolytes for on-demand use
- Mag-drive centrifugal pumps move electrolytes in the smooth flow needed for optimal function

BIOFUELS

- Biodiesel is 75% cleaner than regular diesel
- Made primarily from animal fat, soybean oil, corn, or sugar cane
- Pumps transfer corrosive chemicals for biofuel production

As a leader in innovative pump solutions, Finish Thompson is proud to partner with our customers to provide dependable products for a sustainable future.

Designed for Renewable Energy Applications

As businesses are looking to make smart, clean choices for the future, Finish Thompson supports those choices with sealless, centrifugal, mag-drive pumps designed to meet the key features needed for renewable energy applications.



Dependability

If renewable energy power systems shut down because pumps fail, the effects can be significant. The pumps that keep these systems going must be engineered to deliver long-term dependable performance that system operators can count on.



Low Maintenance

Offshore windmills are a growing source of renewable power, but the cost of maintaining remote wind farms can be cost-prohibitive. Pumps for wind power should require little maintenance to reduce costs and facilitate efficient use of resources.



Footprint

Many clean energy systems have space limitations, and not all pump designs offer flexibility to work within the designated footprint. The best pumps can be integrated seamlessly into the system based on size and positioning, as well as performance specs.



High Efficiency

Low power consumption and broad hydraulic coverage are must-haves to achieve consistent high-efficiency.



Safety First

Sealless design engineered with corrosion-resistant materials protects against leaks and spills that can be hazardous to employees and the environment.

LEARN MORE: Contact your authorized Finish Thompson distributor or visit www.finishthompson.com



Finish Thompson Inc. - Headquarters
921 Greengarden Road
Erie, PA 16501 USA
(800) 934-9384
Tel: (814) 455-4478
FINISHTHOMPSON.COM

Finish Thompson Inc. - Germany
Otto-Hahn-Strasse 16
Maintal, D-63477 Germany
Tel: 49 (0)6181-90878-0
Fax: 49 (0)6181-90878-18
email: europescenter@finishthompson.com