

Freeing the Potential of Nuclear Energy

Last Energy is a new nuclear energy solution for industrial customers—rapidly deploying affordable, clean power through a full-service delivery model.



The Last Energy PWR-20 micro modular power plant uses only proven nuclear technology and leverages modular manufacturing to scale production and rapidly develop plants in parallel.

APPROACH

A new nuclear delivery model

Rapid Deployment

Our modular building approach accelerates time from Final Investment Decision to Commercial Online Date to <24 months.

24/7 Clean Energy for Industry

Affordable, dedicated, dispatchable power offers energy security and independence, stability to accelerate growth.

Full-Service Delivery Model

We take responsibility for all aspects of project development, from financing through lifetime operations.



TECHNOLOGY

Fully modular, factory made

Proven: Pressurized Water Reactor technology is currently operating in 300+ power plants.

Modular: Factory made components are integrated in standardized modules for rapid assembly.

Scalable: Power capacity scales in 20 MWe increments by adding identical units in parallel.

Tested: Every component selected for our facility has an operational track record across hundreds of facilities.

TECH SPECS

The scalable, standardized solution

Reactor Type: Single loop PWR, 300°C continuous output	Output: 20 Megawatts electric, ~80 Megawatts thermal
Fuel: Standard full length PWR fuel, <4.95% enriched, 17x17 array	Capacity Factor: 95% uptime, 72 month fuel cycle, <3 month planned outage
Cooling: Closed cycle air cooling for tertiary loop, <8 gpm water use	Structure: Subterranean nuclear island, low-profile balance of plant (12 m)



LAST ENERGY

Next Generation

MICRO

Nuclear Energy