



Zero Emissions. Lower Costs. Global Solution.




*Our Vision*

Making Environmental Economical


*Our Mission*

NET Power provides advanced clean energy to consumers worldwide by generating lower-cost power with zero emissions.

Our revolutionary **Allam-Fetvedt Cycle** promises the only immediately available technology that enables the world to meet its climate goals without paying more for electricity.



**MIT Technology Review Top 10 Breakthrough Technologies of the Year**  
International Excellence in Energy ADIPEC Award Winner



**Making Clean Cheaper Than Dirty**

NET Power is a clean energy technology company with a proprietary process that generates lower-cost power with zero emissions. We are leading the world in breakthrough technologies.



**441** NET Power Issued Patents (+400 pending)



**33** Countries with Issued Patents (+30 pending)



**262** Additional Allam-Fetvedt Cycle Associated Global Patents (issued and pending)

**We are determined and capable of meeting the world's 2050 climate goals.**



Founded in **2010** by 8 Rivers Capital

**2012** Partnered with McDermott



Partnered with Exelon **2014**

Construction began **2016** on La Porte, Texas test facility



Achieved combustor first fire **2018** Partnered with OXY Low Carbon Ventures



Rapid global deployment **2020** multiple projects in development

Meet the world's **2050** climate goal of net zero



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 #netpower #netzero #wecapturecarbon #cleanenergy #environment #nothingbutNET #advancedenergy



*Zero Emissions. Lower Costs. Global Solution.*

## Nothing but NET

NET Power’s breakthrough technology, the **Allam-Fetvedt Cycle**, converts natural and renewable gas into zero emissions power.

And the cycle doesn’t just reduce the world’s carbon footprint. It also lowers the price of energy.

In May of 2018, our test facility in La Porte, Texas achieved first fire, proving the technology works and becoming the world’s first large-scale supercritical carbon dioxide power plant.



## Economic Advantages & Environmental Benefits



### Zero Emissions

No air pollutants.



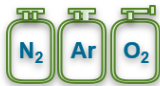
### Lower Power Costs

The Allam-Fetvedt Cycle reuses CO<sub>2</sub>, which drives efficiency and reduces the cost of electricity.



### Complements Renewables

NET Power is the perfect zero-emissions match for intermittent renewable energy thanks to its inherent energy storage capabilities and output flexibility.



### Multiple Revenue Streams

Rather than emitting greenhouse gases, industrially useful and valuable CO<sub>2</sub> is captured and salable, along with other industrial gas coproducts (Argon and Nitrogen).



### Made For Anywhere

The NET Power technology solution is tailored to market needs: it complements current infrastructure, is available in multiple size variations, is compatible with low-grade fuels, is capable of water-free production, has a significantly smaller land footprint and is universally permissible.

*Our differentiation is unequalled.*



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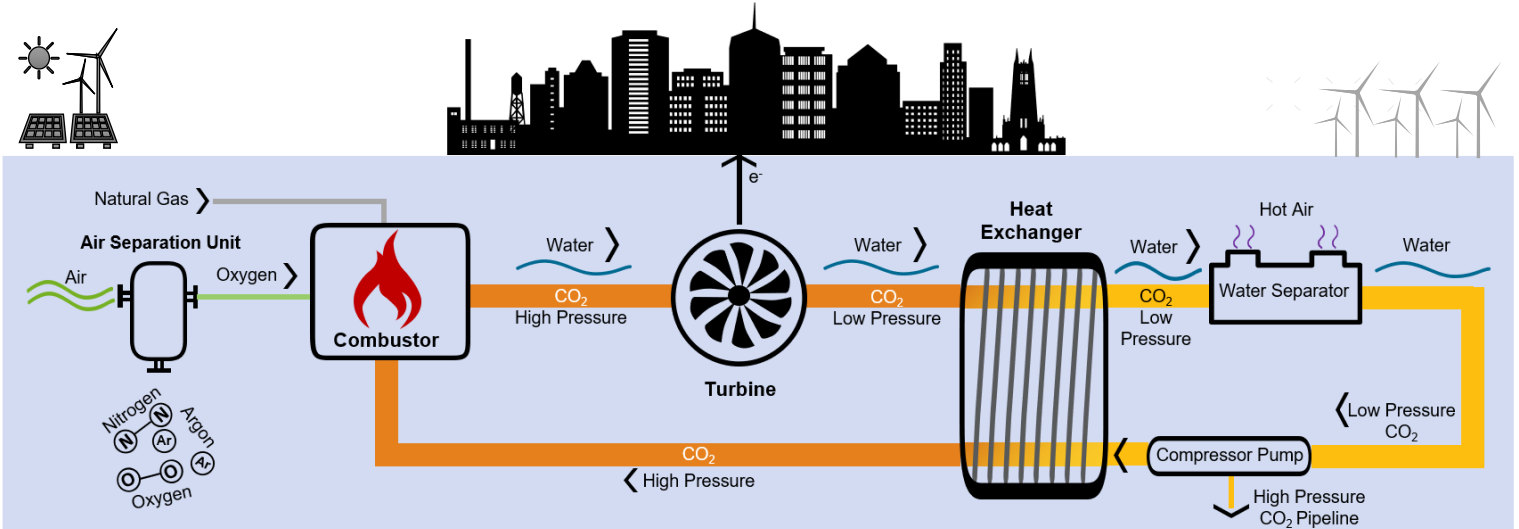




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## We reimagined the natural gas power plant.

Developed by Rodney Allam and Jeremy Fetvedt, the **Allam-Fetvedt Cycle** is a simple, semi-closed loop cycle, which recycles CO<sub>2</sub> and leverages oxy-combustion to produce emissions-free power.



## We make existing power plants economically and environmentally obsolete.



**NET Power plants have no stacks.**

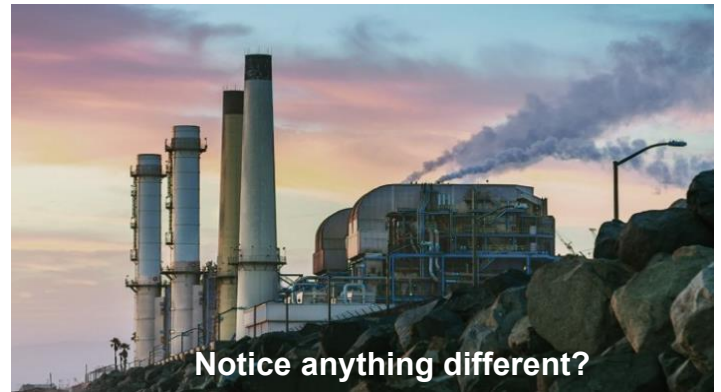
NET Power Plant

Natural gas is burned with pure oxygen.

This creates CO<sub>2</sub> that is sent through the rest of the cycle. New CO<sub>2</sub> is captured and the remainder is recycled – **nothing is released into the atmosphere.**

The cycle reuses CO<sub>2</sub> over and over again, which **drives efficiency and reduces the cost of electricity.**

Excess industrial gases created through the cycle are pipeline and commercially ready to be sold to crucial industries (e.g. oil recovery, industrial and agricultural feedstock), **enhancing value of the power plant.**



**Notice anything different?**

Traditional Fossil Fuel Power Plant

Natural gas is burned in air.

This creates CO<sub>2</sub>, NO<sub>x</sub> and particulates, all of which are sent into the atmosphere unless cleaned by expensive post-combustion carbon capture.

The cycle does not maintain custody of its CO<sub>2</sub> and creates other emissions by burning natural gas in the presence of atmospheric gases.

The byproducts of this cycle are toxic to the environment and contribute to the globe's rising temperatures; the only positive byproduct is electricity.



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