

AI Energy Gap Narrows as Orders Open for 5GW Green Power and 5M Tons/Yr Green Fuel

Open Origin opens industrial orders for Tier IV green power and metallurgic-grade ammonia, for AI, data centers, and shipping.



New York City, New York Jul 30, 2025 ([IssueWire.com](https://www.issuewire.com)) - Amid growing concerns as AI and industrial energy needs outpace supply, U.S.-based clean energy company Open Origin has launched its flagship solution: Five gigawatts of Tier IV green power and five million tons per year of export-grade green ammonia, now available for industrial order, with deliveries beginning in 2027–28.

The company is now accepting capacity reservations for:

- **5+ gigawatts of Tier IV green power**, delivery at full capacity **15–18 months from contract signing**
- **5+ million metric tons of metallurgic-grade green ammonia annually**, available **30 months** from contract signing

Targeted to serve **AI data centers, manufacturing, and maritime shipping**, Open Origin's solution is delivered through a **private-sector, modular deployment model**, engineered for speed, performance, and international alignment.

“Open Origin was built to lead—with speed, execution, and global alignment. We’re delivering the energy the world wants: fast, affordable, and at industrial scale.”

— *Wesley Powell, CEO, Open Origin*

GREEN POWER -- TIER IV RELIABILITY FOR AI & INDUSTRY

- **Capacity:** up to 5 GW of Power AND Cooling combined
- **Delivery Timeline:** 15–18 months from contract signing
- **Applications:**
 - **AI and hyperscale data centers**
 - **Heavy industry and commercial green power buyers**
- **System Features:**
 - Tier IV Uninterruptible Power Plant (UPP)
 - **99.999% uptime**
- **Power Source:** Solar + battery + green ammonia thermal generation backup—100% carbon-free

GREEN AMMONIA – MADE IN THE USA, READY FOR GLOBAL TRADE

- **Annual Capacity:** 5+ million metric tons per year
- **First Delivery:** H1 2028—30 months from contract signing
- **Applications:**
 - **Maritime fuel** Zero-carbon (IMO-compliant)
 - **Fertilizer** production
 - **Hydrogen carrier** and industrial feedstock
- **Grade:** Metallurgic, export-ready
- **Power Source:** 100% solar-powered, zero-emission ammonia production
- **Regulatory Compliance:**
 - EU RED III, Fit for 55, Fuel EU Maritime
 - Japan METI, Korea Hydrogen Strategy, India National Hydrogen Mission

WHY OPEN ORIGIN

- **Greener, Cheaper, Faster**

- **Made in America, Delivered Globally**
- **Strategic Fit:** Compatible with global decarbonization and fuel transition mandates

“At Open Origin, we’re powering the future today with innovation, speed, scale, reliability and responsibility—meeting the green energy needs of AI, global industry, and our planet.” -- *Indrani Pal-Chaudhuri, CVO at Open Origin*

Now Accepting Industrial Capacity Reservations

Open Origin invites AI data centers, shipping companies, power buyers, and global energy ministries to discuss desired capacity for delivery starting in 2027 and 2028 for power and ammonia, respectively. Reach out now to secure volume or discuss strategic partnerships:

Email: sales@openorigin.industries

Website: www.openorigin.industries

ABOUT OPEN ORIGIN

Open Origin is a clean energy company delivering green power and ammonia at an industrial scale. With fast delivery, Tier IV reliability, and international regulatory alignment, we provide industry and governments with real, fossil-free energy, without compromise.

Media Contacts:

GK Reid, Chief Communications Officer GK.Reid@openorigin.industries www.openorigin.industries



Media Contact

John Arundel

*****@perdicuspr.com

7039634191

950 Maine Avenue, SW, Washington, DC 20024

Source : Open Origin

[See on IssueWire](#)