



FEATURED INSIGHT

Power limits are driving data center growth strategies

AI-driven demand is accelerating while grid capacity, permitting, and equipment supply are constraining project timelines and site selection decisions. Developers are integrating power strategies, shifting toward distributed infrastructure, and prioritizing locations with faster access to reliable electricity. [Read more on how power is shaping data center expansion >>](#)

AMMONIA

IMO safety rules will alter ammonia shipping timelines

The IMO approved safety guidelines establishing frameworks for ammonia storage, handling, and onboard operations, reducing regulatory uncertainty for shipowners and designers. Clear rules support vessel development, unlock ammonia demand growth, and accelerate investments across shipping, hydrogen, and carbon capture infrastructure. [Explore how IMO rules are shaping ammonia shipping investment >>](#)

WHAT'S NEW IN ADI PLUS

- ADI's ongoing coverage of the implications of the [Iran conflict across oil & gas, LNG, refined products, and chemicals](#)
- ADI's databases on [U.S. refineries, global LNG capacity, and U.S. data center projects](#)
- ADI's outlooks on [diesel demand, LNG export terminals, and global HVO/RD capacity](#)

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BIOFUELS

Tight RFS mandates drive higher biofuels compliance costs

The EPA finalized higher 2026–2027 blending mandates and reallocated waived volumes, sharply increasing RIN demand while limiting supply flexibility. Refiners must rely on domestic biofuels, increasing credit prices and rewarding low-carbon fuels and high-utilization production capacity. [Learn how RFS changes will reshape biofuels economics >>](#)

CRITICAL MINERALS

Supply security and geopolitical risk define critical minerals

Demand is accelerating across energy and technology sectors while supply chains remain concentrated, increasing exposure to export controls and policy intervention. Governments and companies are investing in alliances, stockpiles, and vertical integration to secure long-term access and stabilize supply. [See how supply security is reshaping critical minerals strategy >>](#)

RECENT ADI PROJECTS

- Evaluated market entry for modular energy systems for a **private equity firm**.
- Benchmarked a modular gas processing product line for a **global manufacturer**.
- Evaluated SMR viability for power and steam at refineries for a **U.S. national laboratory**.
- Led a data center AI power demand workshop for a **global integrated energy company**.
- Evaluated target molecules for petrochemical expansion for a **global EPC company**.

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MULTI-CLIENT STUDY

Geothermal is scaling into a credible baseload clean power

Clean firm power mandates, policy incentives, and technology advances are improving geothermal project economics and expanding its addressable resource base. Developers are advancing enhanced geothermal systems and securing long-term contracts to position geothermal as reliable capacity in decarbonizing grids. [Explore how geothermal is scaling as firm clean power >>](#)

UPCOMING EVENTS

- [Honeywell Elevate, Charlotte, NC, June 2-3, 2026](#)
- [CFA Awards of Excellence, June 10, 2026](#)
- [Gas Compressor Association Summer Meeting, Sugar Land, TX, June 25-26, 2026](#)

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BEYOND THE INBOX

Fuel for thought

We discussed [US data center growth faces delays](#), [how dispatchable demand keeps fossil power relevant](#), and [rising costs drive modular](#) on LinkedIn.

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ABOUT ADI

ADI Analytics is a Houston-based consulting firm specializing in **oil & gas, energy, and chemicals**. Since 2009, we've delivered over **1,000 bespoke engagements for 450+ diverse clients**, including operators, investors, start-ups, and OEM, EPC, and OFSE players. We also offer **ADI Plus**, our subscription portal for proprietary research and data, and host the **ADI Forum**, an executive conference for industry thought leadership.

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440 Cobia Dr, Ste 1704, Houston, TX 77494 * +1 281-506-8234

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