

INVITATION

THE DATA CENTER NUCLEAR POWER HORIZON

PLAN NOW | SPEED + BRIDGE + SCALE



Executive working dialogue following the INL Data Center Workshop:

Data-center developers, Hyperscalers, and Nuclear utility leaders

IDAHO NATIONAL LABORATORY
Idaho Falls, Idaho

Thursday,
OCTOBER 29, 2026
Scan to register.



Face-to-face working
dialogue

CASE FOR ACTION

Data-center growth is creating unprecedented demand for firm power across multiple development horizons. No single generation solution can fully address the required combination of time to power, business stability, and long-term scale.

SPEED

Near-term Generation

Deploy fast-to-market generation to enable immediate data-center development.

EXISTING GRID & NEW NGCC

BRIDGE

Power Now + Bridge to New

Recover / expand firm nuclear:
Lost-MW recovery, thermal-performance improvements, and power uprates.

EXISTING NUCLEAR + UPRATES

SCALE

Build the Future

Position now for SMRs and GW-scale reactors capable of supporting sustained long-term load growth.

NEW NUCLEAR

Meeting that challenge requires an integrated, all-of-the-above strategy in which **all three phases are planned and advanced now**. They are not competing alternatives or sequential planning decisions; they are interdependent elements of one power-development strategy, with capacity arriving at different points along the development timeline.

PARALLEL STRATEGIC PLANNING → PHASED CAPACITY DELIVERY

WHY INL - WHY NOW?

Much of the capacity supporting the stability and scale phases is nuclear. INL as the host for the national DOE LWRS UPRISE (utility power reactor incremental scaling effort) program, provides a nationally recognized, technically deep and commercially neutral setting to examine existing-fleet expansion, power uprates, advanced fuels, advanced reactors, systems integration, and the practical barriers to deployment.

This is face-to-face discussion between the organizations that need unprecedented amounts of reliable power and the nuclear utilities capable of expanding firm generation - while both sides still have time to shape their strategies, commitments, and partnerships.

The 12 EMERGING NATIONAL STRATEGIC ROADMAP TAKEAWAYS

Explore how your organization fits within the emerging nuclear-capacity roadmap—from near-term recovery and traditional uprates to advanced uprates and new nuclear at scale—while assessing supply-chain and advanced-fuel constraints, plus current and future commercial commitments and incentives.

WHAT YOU WILL GAIN

DATA-CENTER DEVELOPERS & HYPERSCALERS

Understand what nuclear capacity may be available across the planning horizon, when it can be delivered, what must happen in advance, and what commitments may help secure and accelerate it.

NUCLEAR UTILITIES

Discuss perspectives with DOE on nuclear capacity expansion **AND** directly with large-load customers: what they need, when they need it, what risks they will accept, what certainty they require, and what partnerships may create confidence to invest.

Come to INL with the organizations on both sides of the power partnership - and leave knowing where your business fits, who you need to engage, and what needs to begin now.