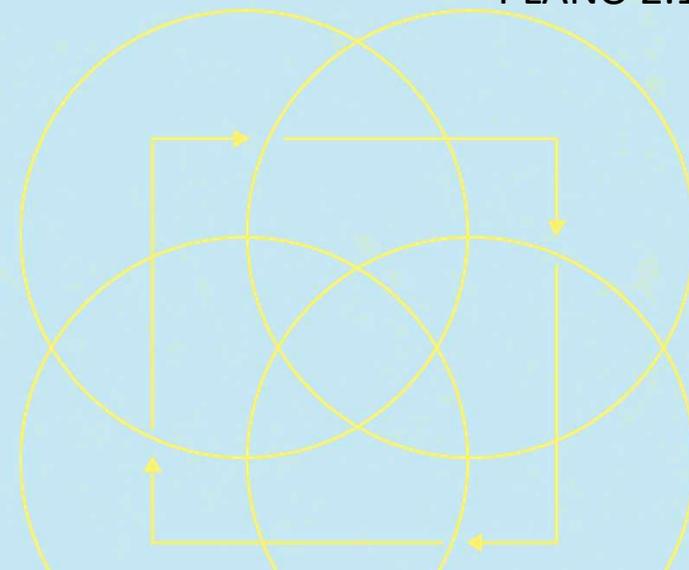
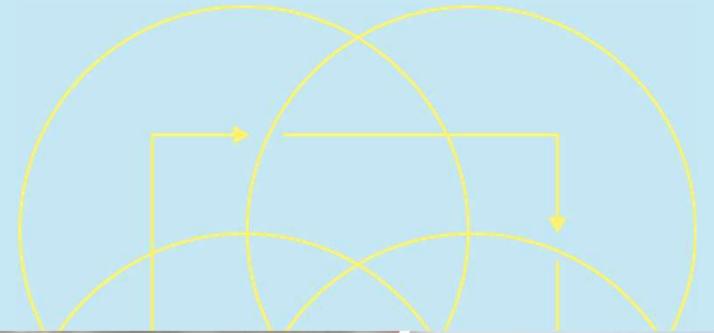
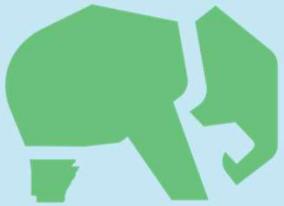


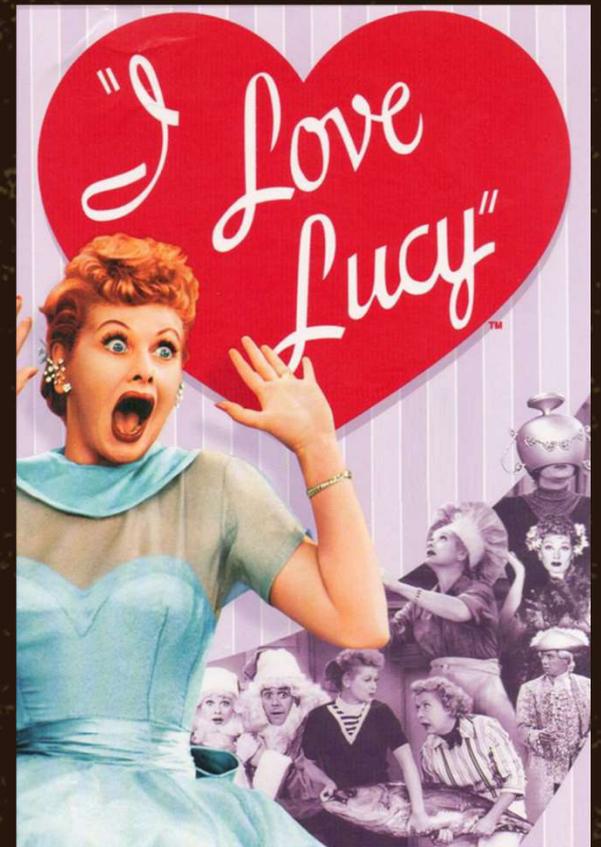
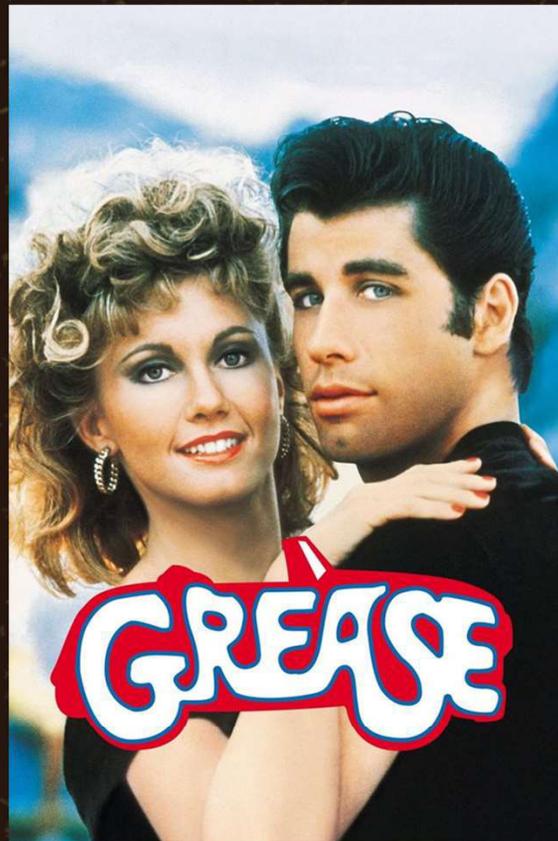
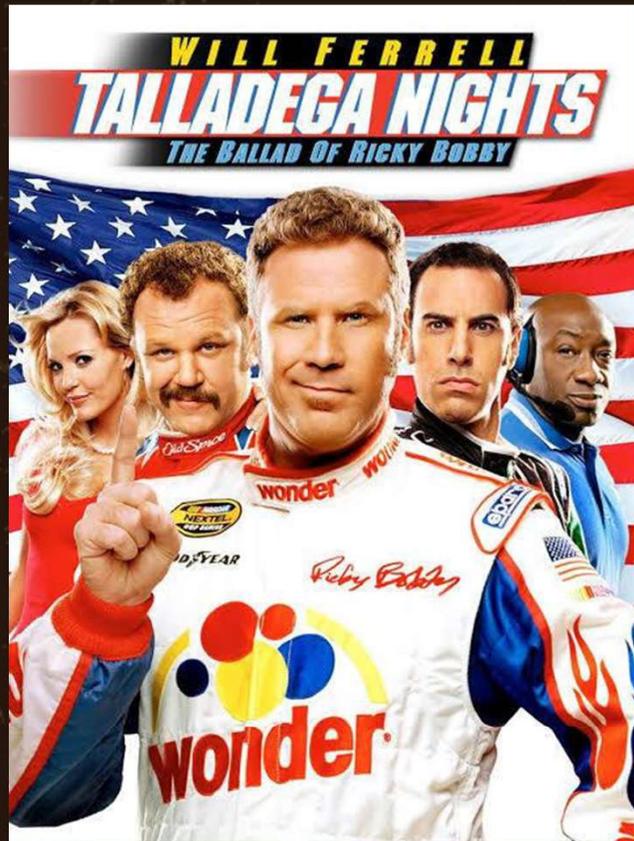
The Electrification of Everything

The Role of Real Property in
Responsibly and Efficiently Powering
the Future

Presented by Kyle Reynolds, JD, CPL









MIRACULOUS NEW GAS RANGES MAKE WOMEN BETTER COOKS



DONE TO A TUNING Y RETURN
if you're **COOKING WITH GAS**

Automatic Control
gives
Cooking Perfection
at lowest Cost!

Because you can "set it and forget it," Automatically Controlled Oven Cooking by Gas saves time, guesswork and oven prepping! Your modern Gas Range is equipped with high speed burners and quick cooking grilles—designed to give maximum heat with least waste in minimum time. Enjoy all the benefits of a modern, automatically controlled Gas Range. Enquire today in your Gas Showroom.

GAS
for the **4 BIG JOBS**

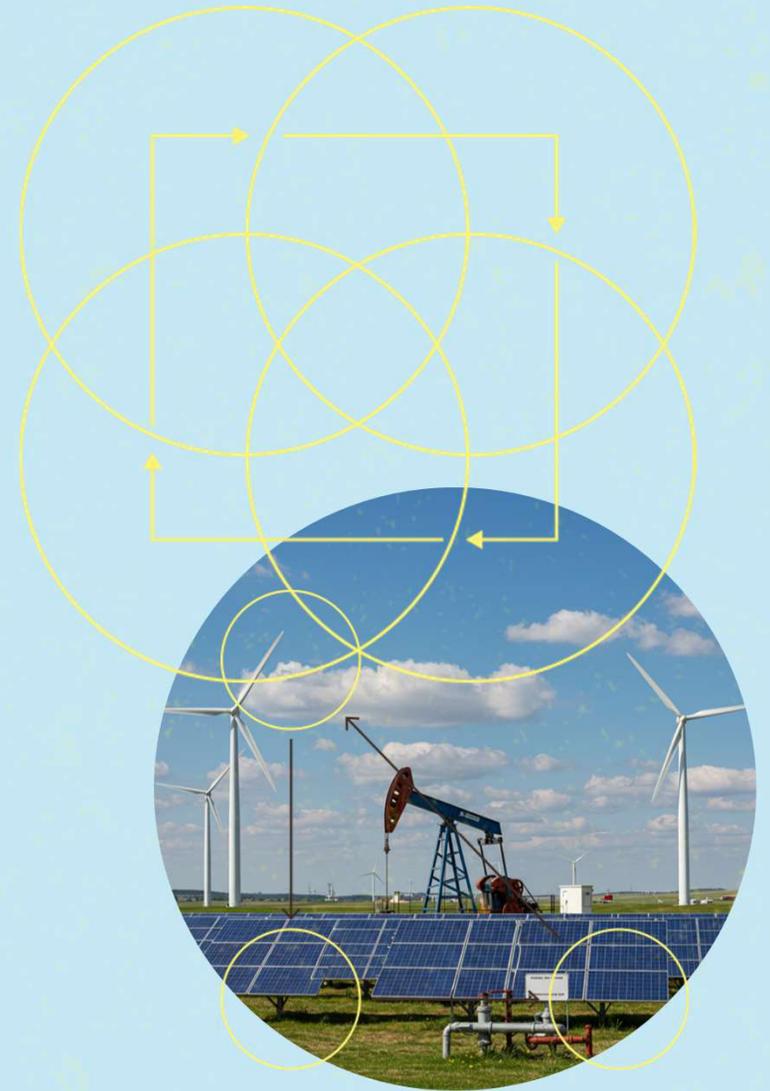
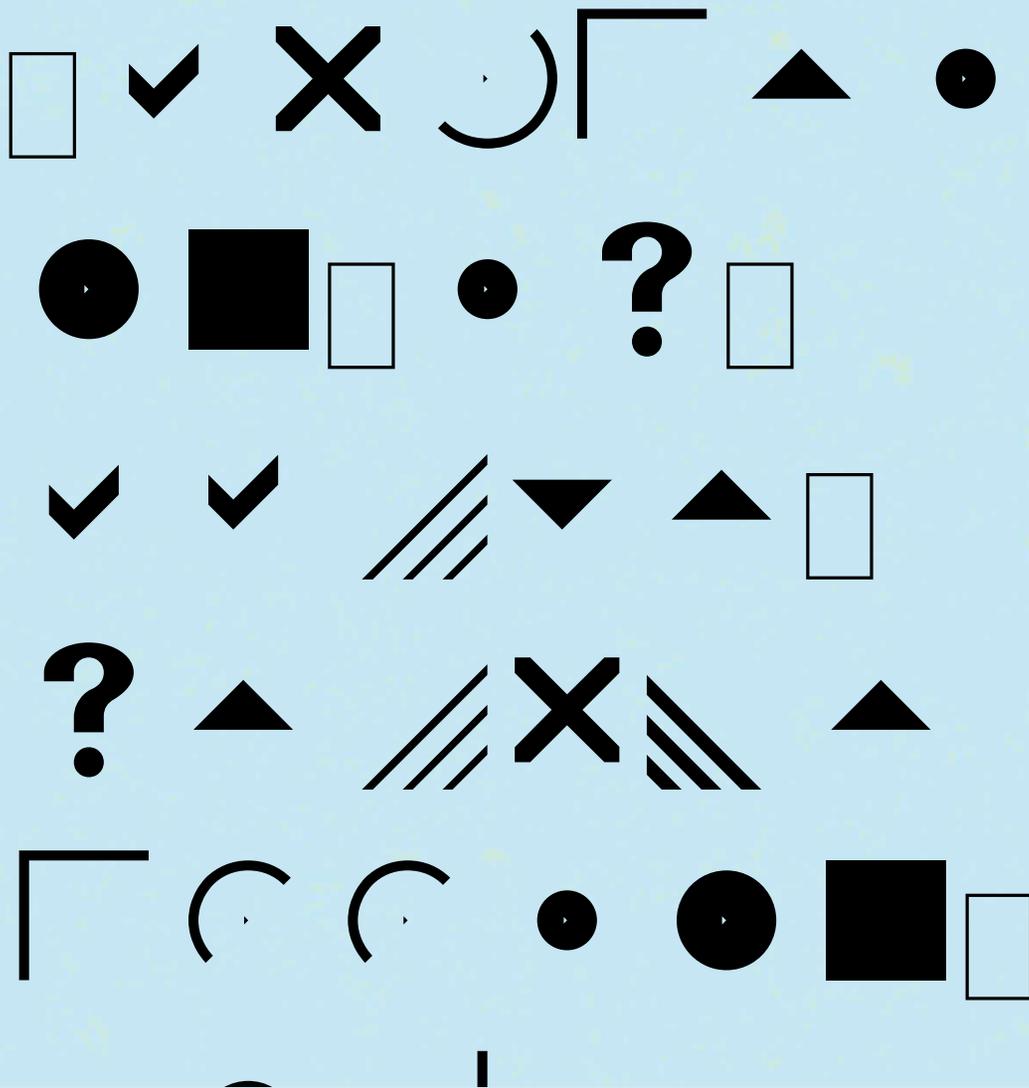
- ✓ Automatic COOKING
- ✓ Silver REFRIGERATION
- ✓ Fastest HOT WATER
- ✓ Handlight HEATING

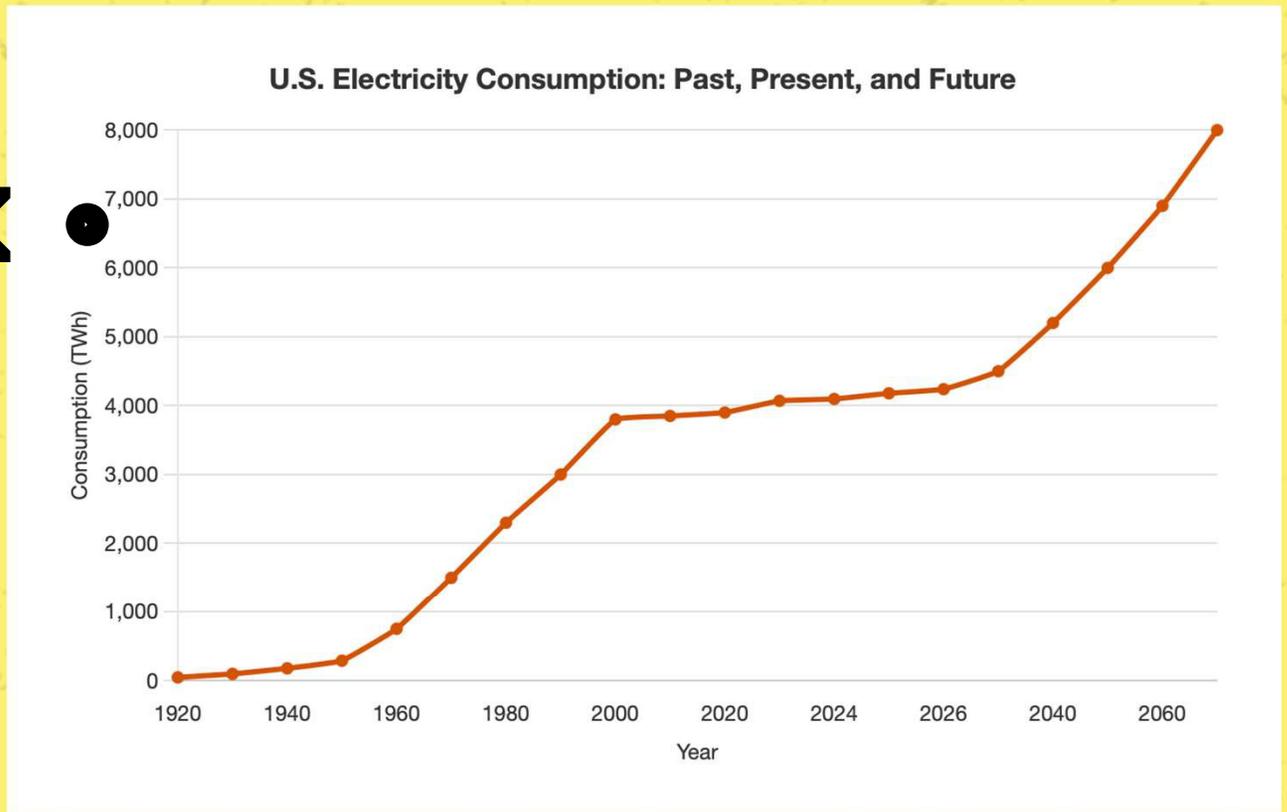
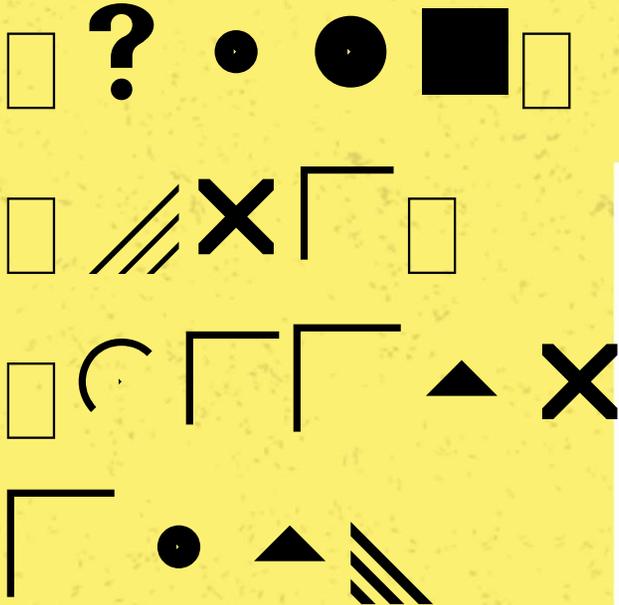
The National Gas Association of Australia

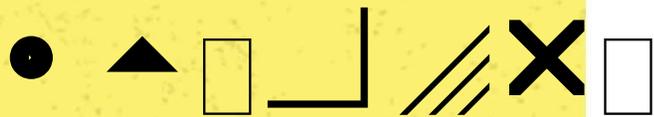
Page 51

My new Gas Range dresses up the whole kitchen

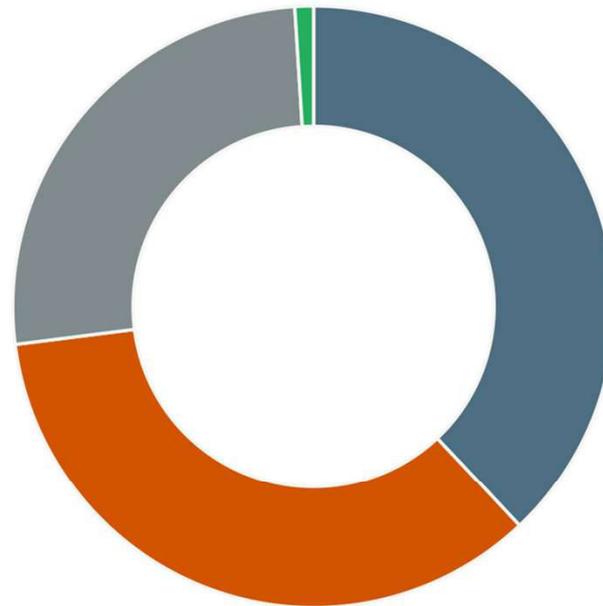




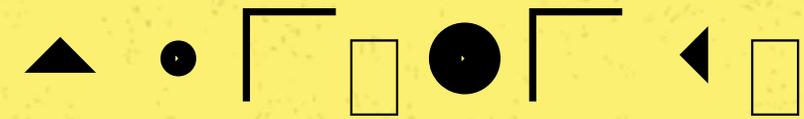
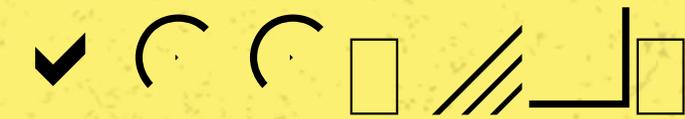




U.S. Electricity Consumption by End-Use Sector (2023-2024 Est.)



- Residential (38%)
- Commercial (35%)
- Industrial (26%)
- Transportation (1%)



Key Statistics at a Glance

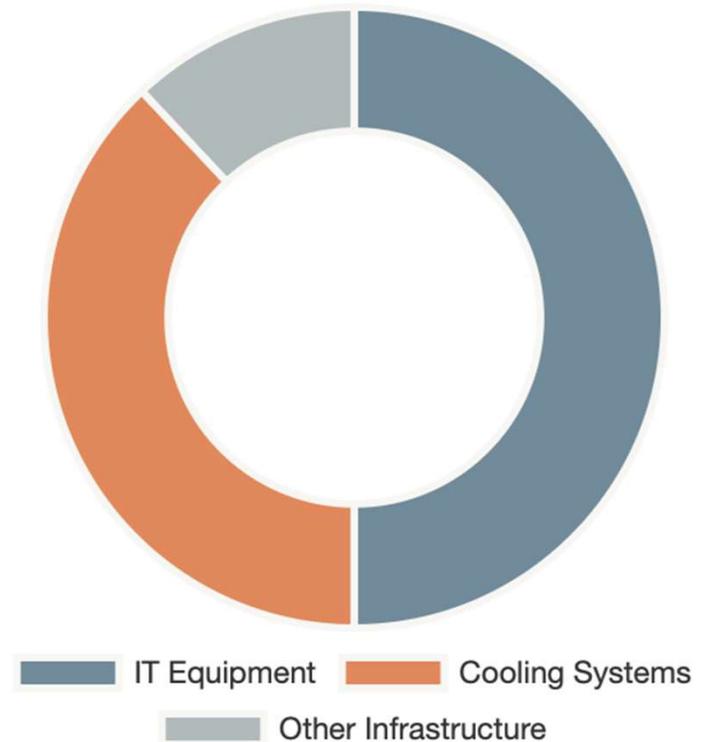
4x

Projected growth in electricity demand from AI-optimized data centers by 2030.

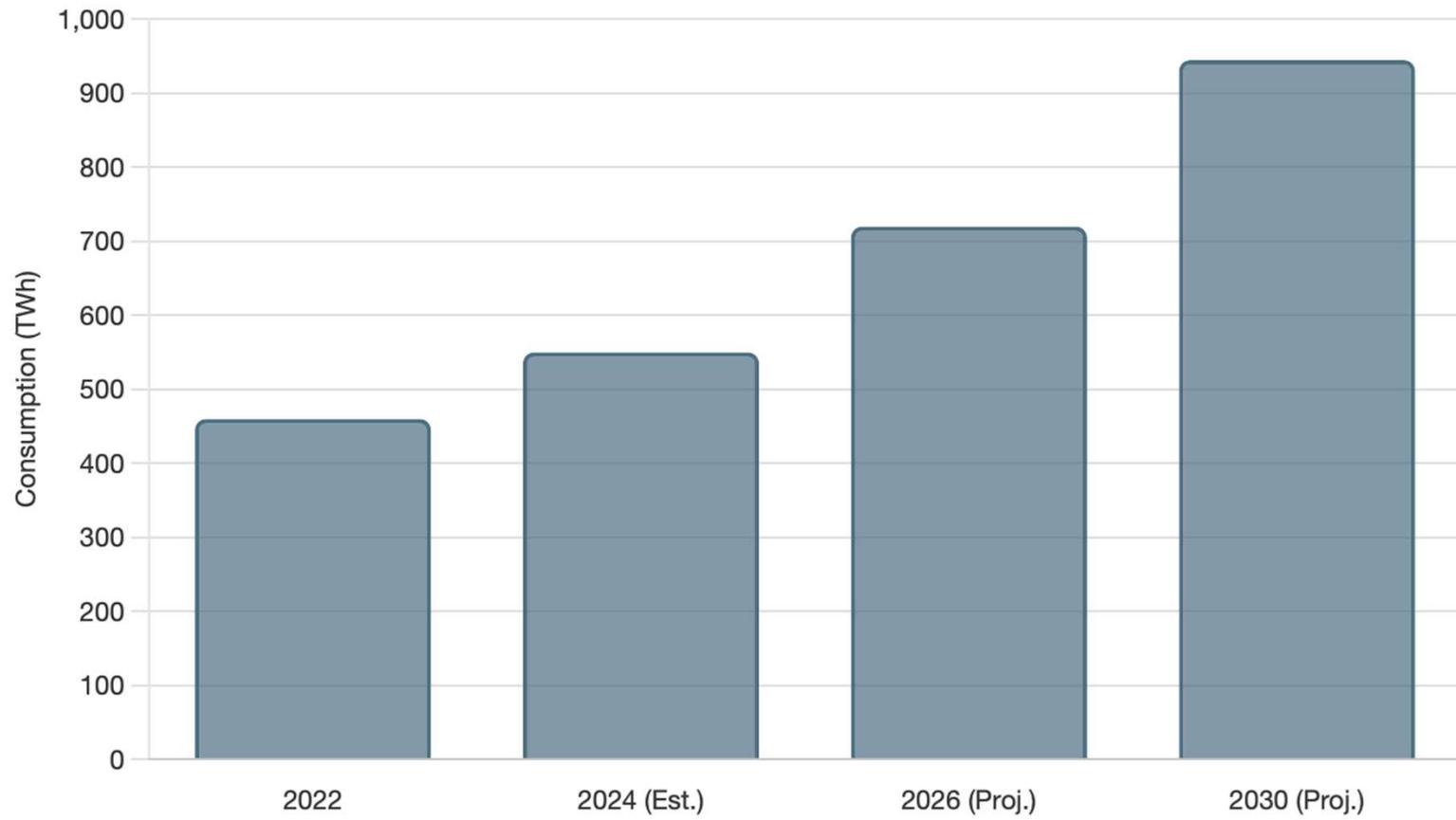
~50%

Share of U.S. electricity demand growth by 2030 expected to come from data centers.

Data Center Energy Breakdown

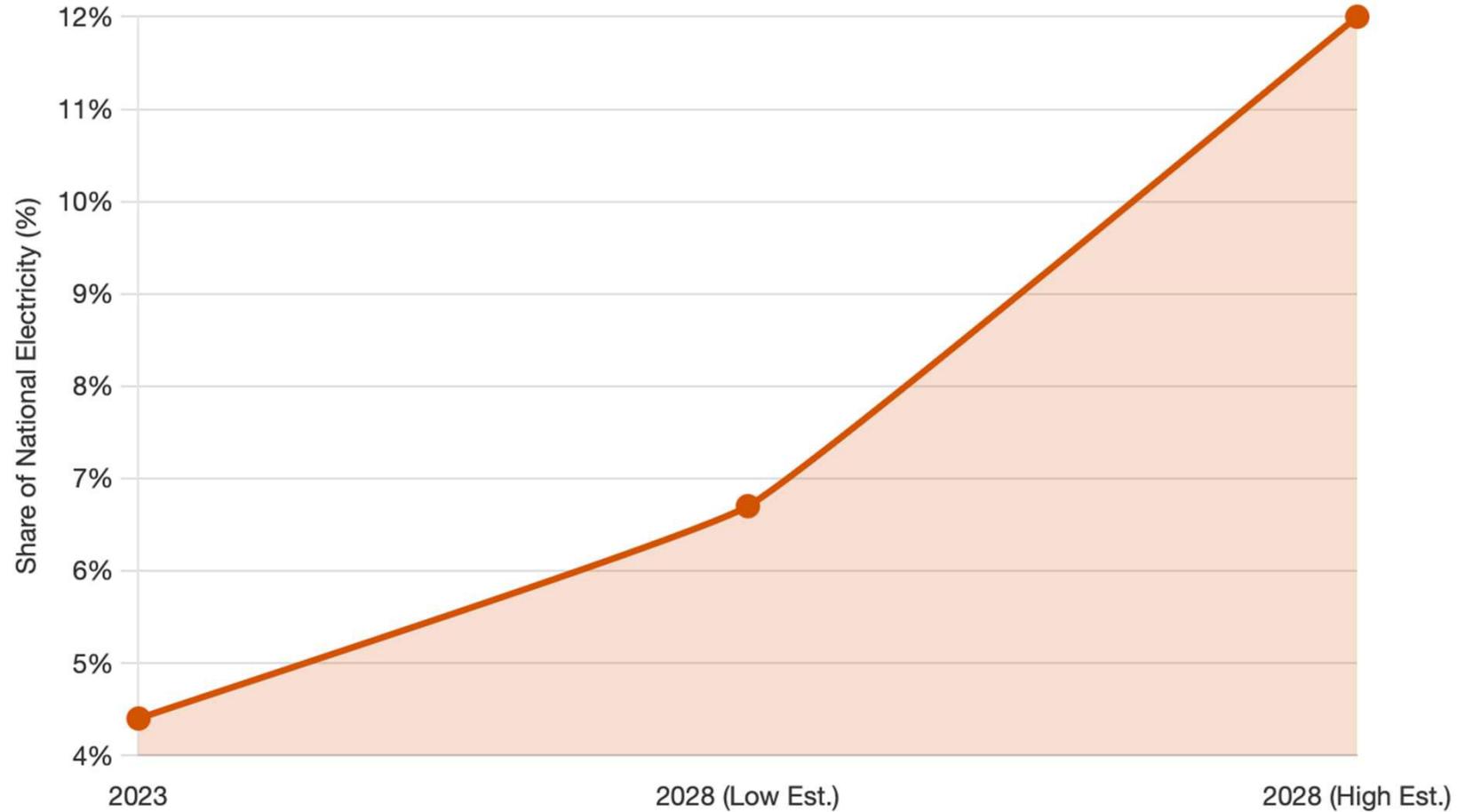


Global Data Center Power Demand is Set to Double

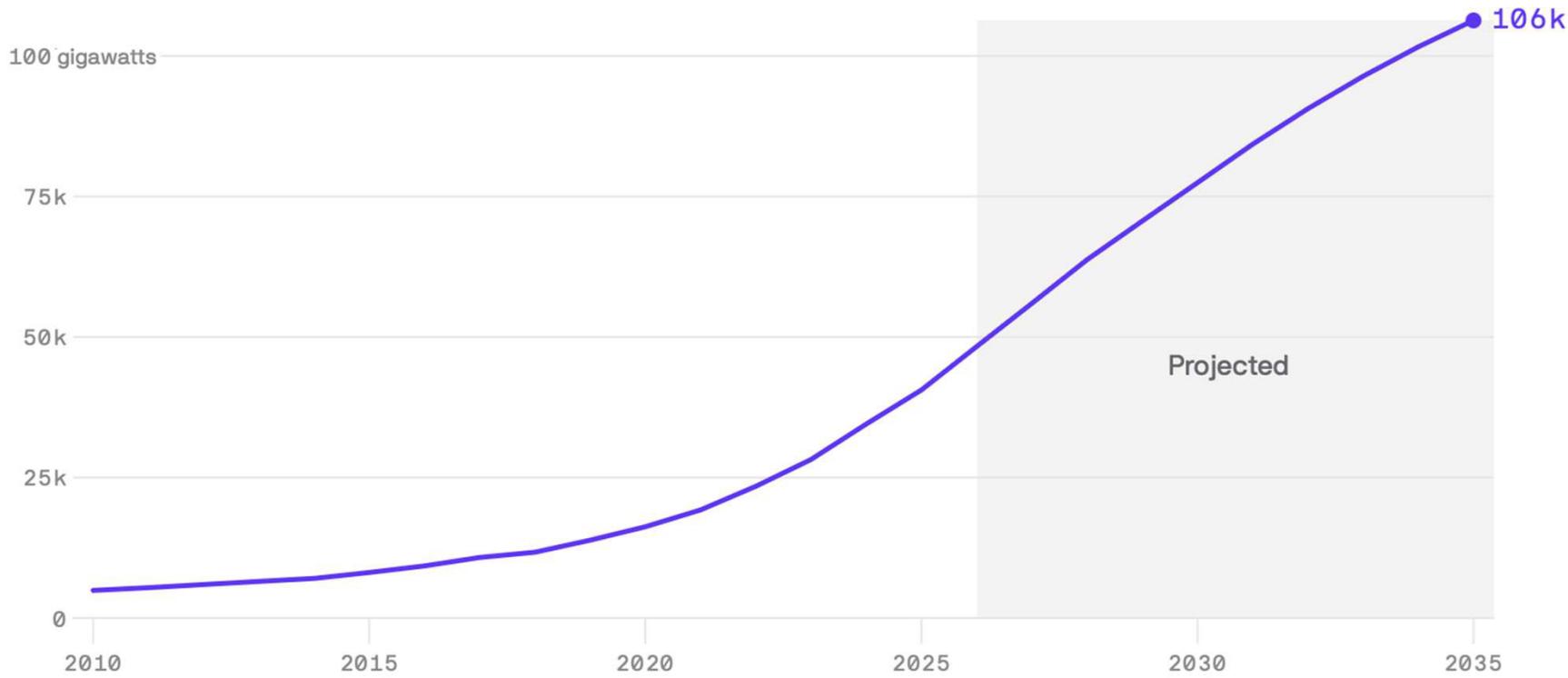


Source: International Energy Agency (IEA), 2025

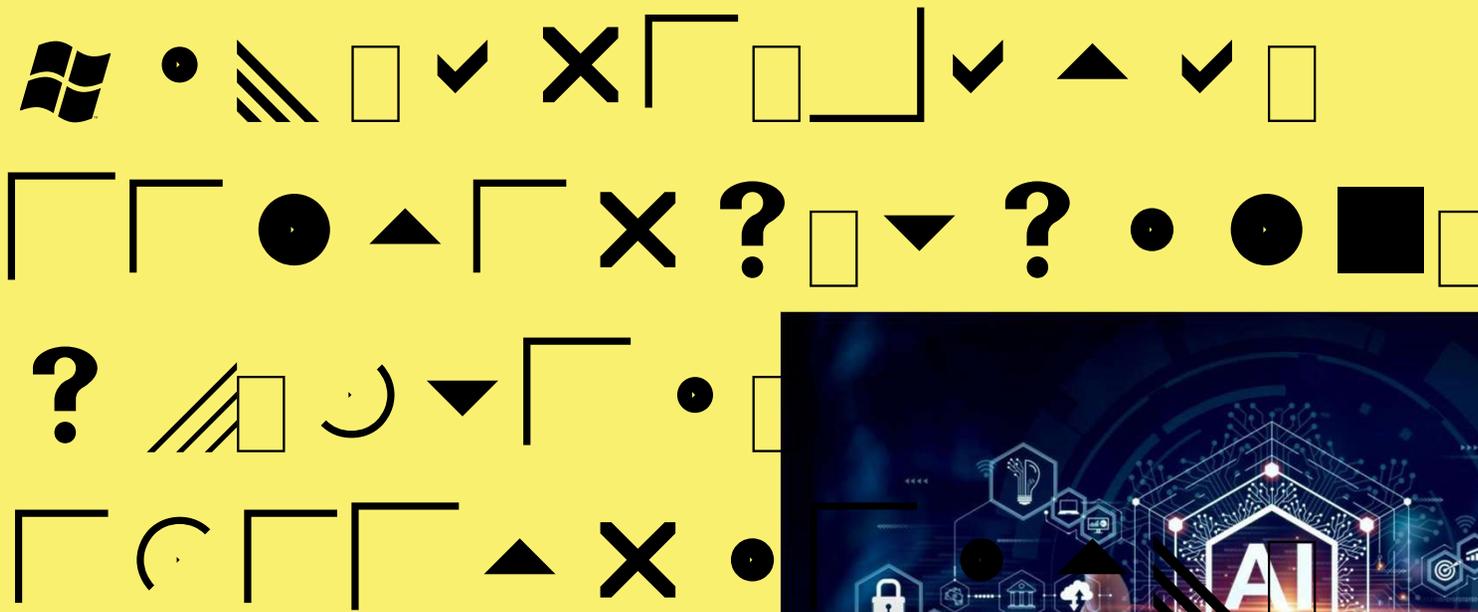
U.S. Data Center Share of Power Demand is Surging

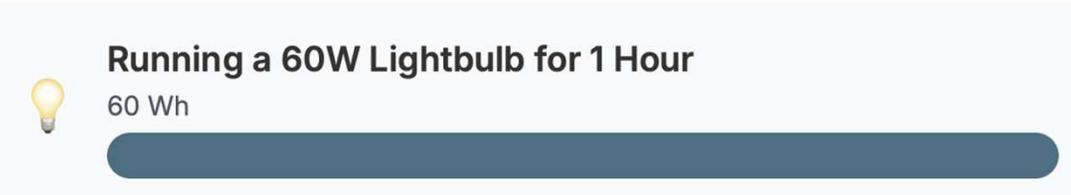
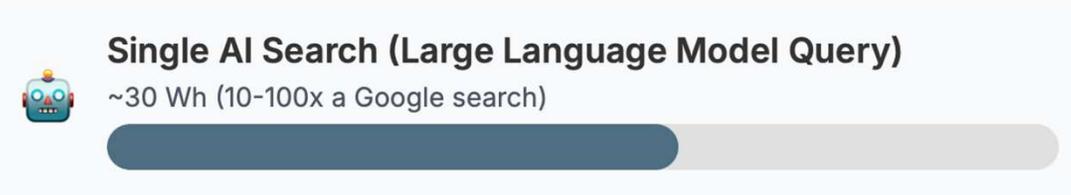
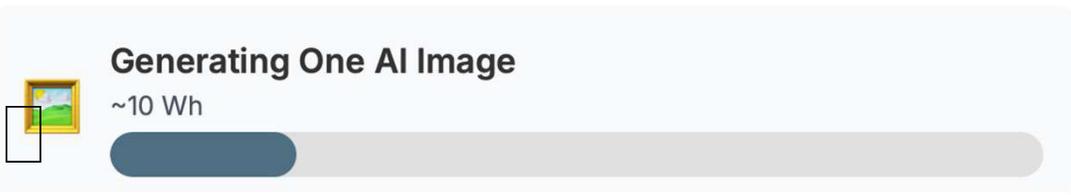
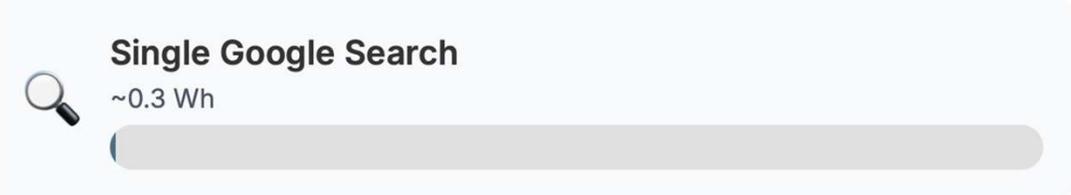
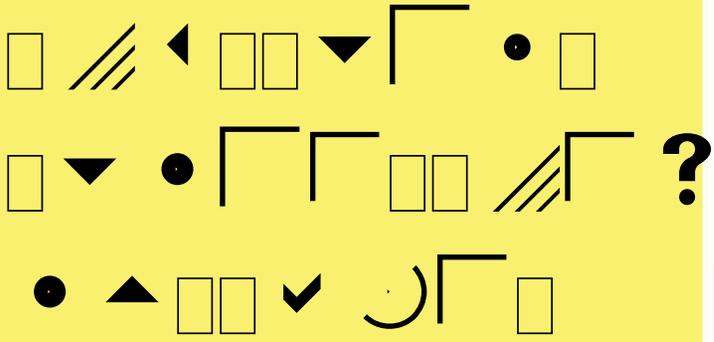


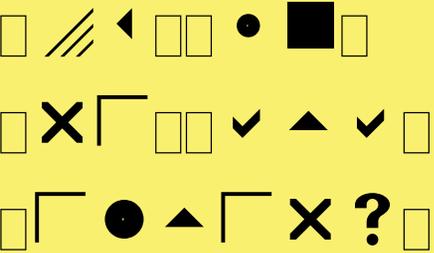
U.S. data center power demand, 2010-2035



Data: [BloombergNEF](#); Chart: Alex Fitzpatrick/Axios







American Football Field (Playing Surface)

~57,600 sq ft
(Baseline for comparison)



Average Large Data Center (Typical Facility)

~100,000 sq ft
Power Capacity: ~20-100 MW

The Stargate Project Campus

Abilene, TX

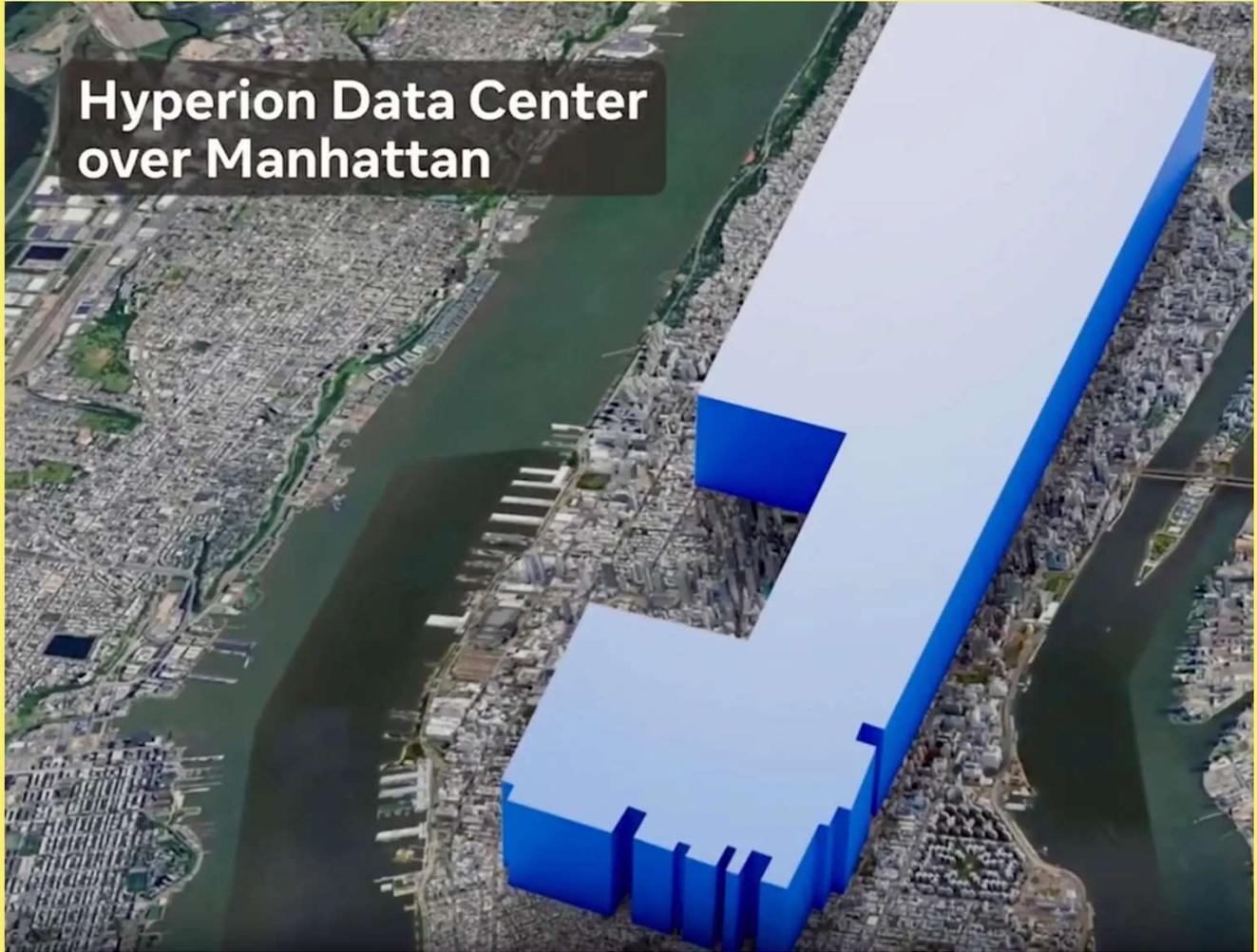
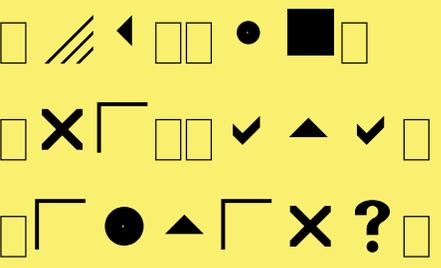
Immense Scale

Campus Footprint: ~4 Million sq ft

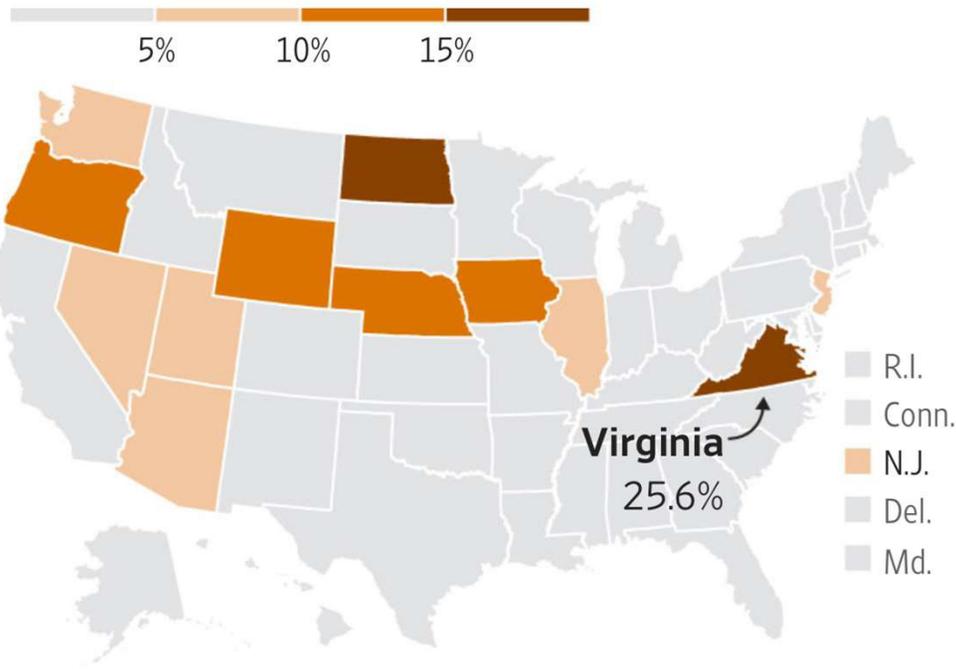
Equivalent to ~70 American Football Fields

Total Power Capacity: 1.2 Gigawatts (1,200 MW)

Enough to power hundreds of thousands of homes.

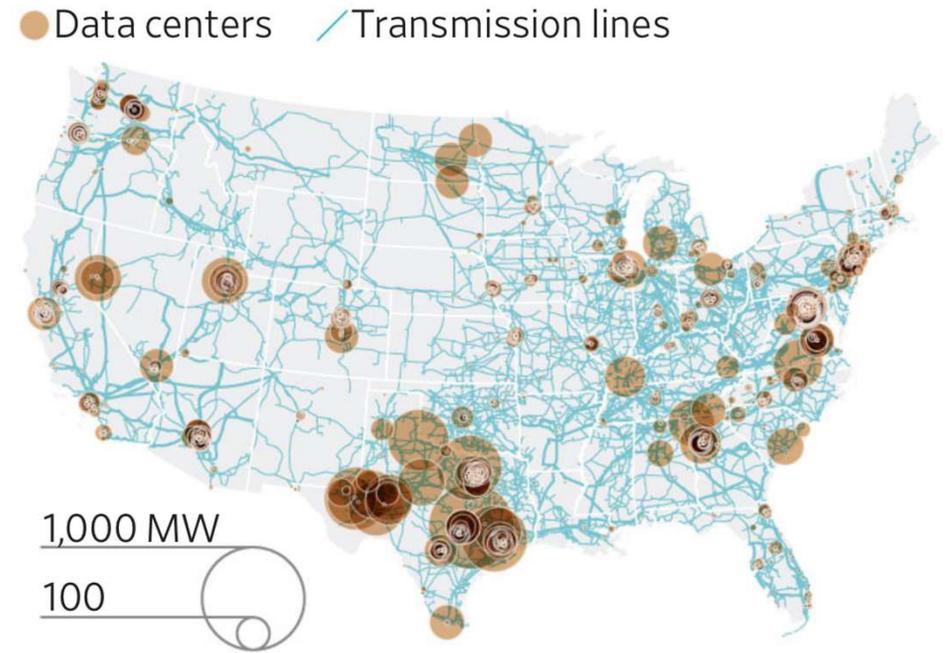


Share of electricity consumed by data centers in 2023, for each state



Source: Electric Power Research Institute
 Danny Dougherty/THE WALL STREET JOURNAL

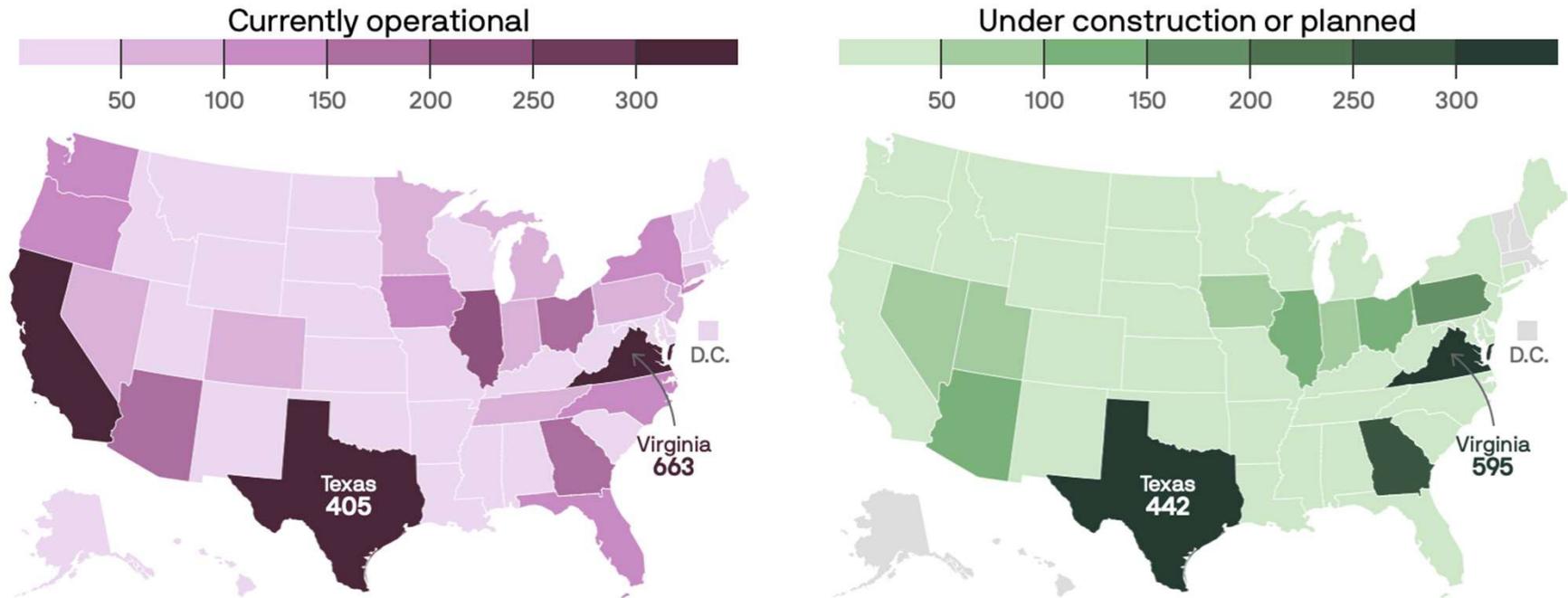
Data centers and high-voltage transmission lines in the continental U.S.



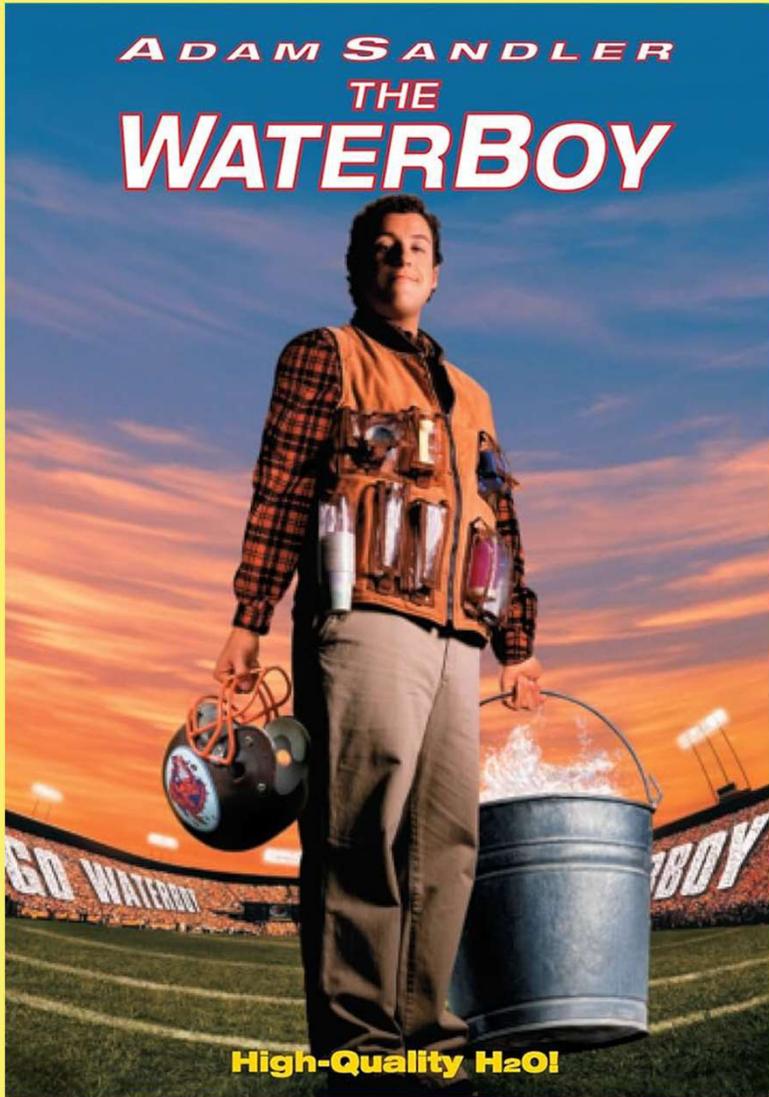
Sources: Energy Department (data centers); OpenStreetMap (transmission lines)
 Danny Dougherty/THE WALL STREET JOURNAL

Current and planned data centers

As of Oct. 29, 2025



Data: [American Edge Project and Technology Councils of North America](#); Map: Axios Visuals



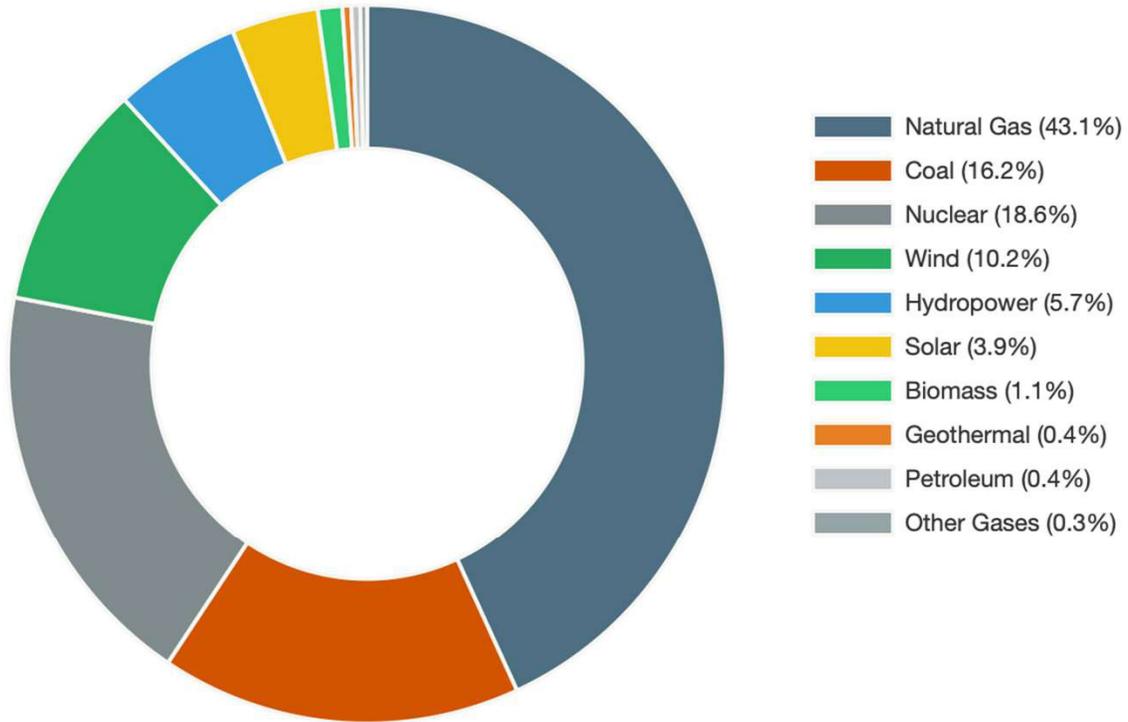
☐ _ _ ☺☺☐ ■ ✓ ☺☺ // ● ? ☐ // ✕ ☐
▶ ☐ ≡ ▲ ☺☺☐ ✓ ✓ ✕ ✕ ☐ ☺ ? ☐ // ☐
◀ ✓ ▲ ☐ ✕ ☐ // ☐ ✕ ☐ // ☐ ✓ ✕ ☐ // ☐ ✕ ☐
└ ✓ ▲ ✓ ☐ ☐ ☐ ● ▲ ☐ ✕

// ● ● ▲ ☐ // ☐ ◀ ✓ ▲ ☐ ✕ ☐ // ☐ ✕ ☐ ☐ _ ☐
☐☐ ? ☐ ✓ ✕ ☐ ● ☐ ?

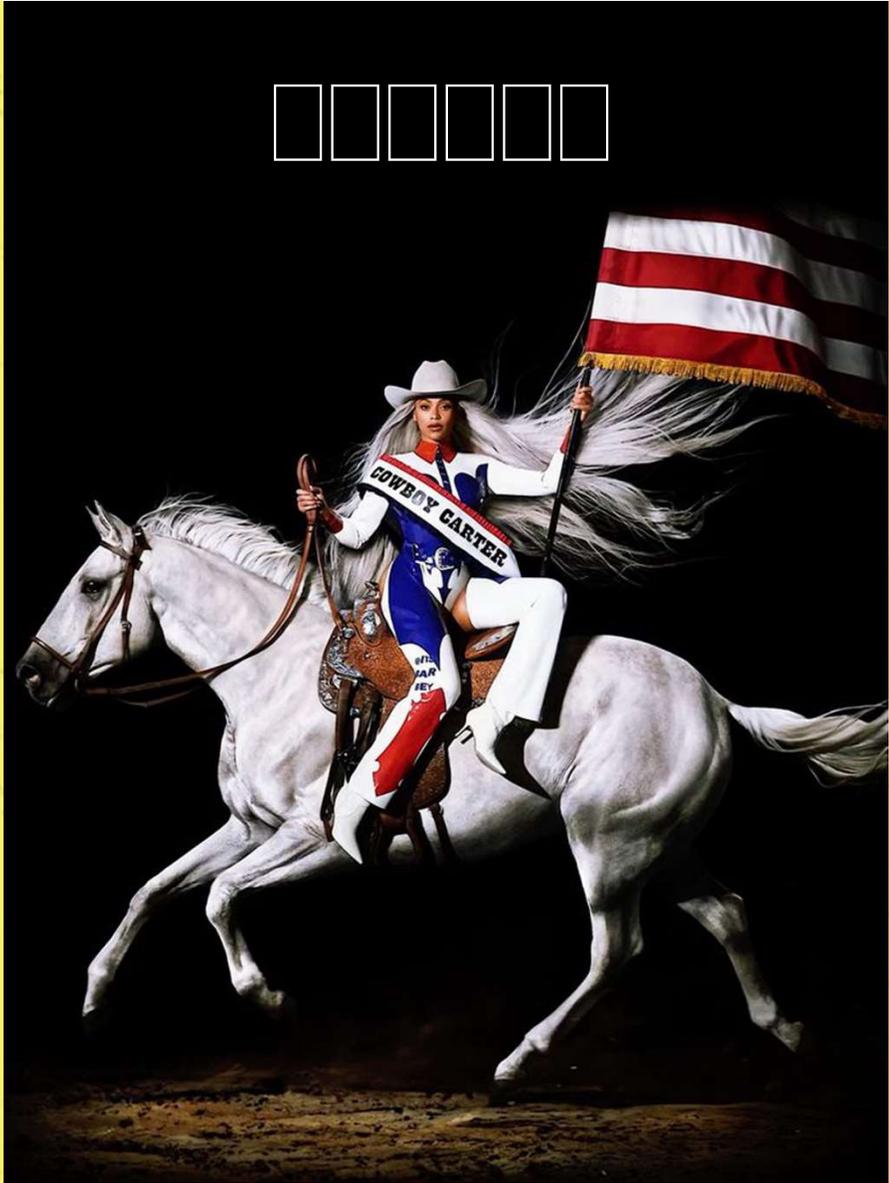
□□ × ▲ ● ┘ ● ▤ ● ✓ ∪ □
● ● ▲ ▤ ∪ ∪ ● ■ ▤ ● ▤ ▤ □ ● ? □
■ // ● ● ■ □ ▲ // □ ✓ ▤ □ ▲ ● ▤ □
● ▤ // ▲ □ ┘ × ✓ ▤ ∪ ● ● ■ □
✓ // // ∪ □ □ □ □ □ ● ∪ ▤ □
□ // ∪ ∪ ▤ × ? □ □ □ ∪ ▤ × ● ▤ ✓ ● □
□ ▤ ▲ × // ∪ ▤ ▼ ∪ □
□ ● ? ▲ ● ▲ ▼ ▲ ▤

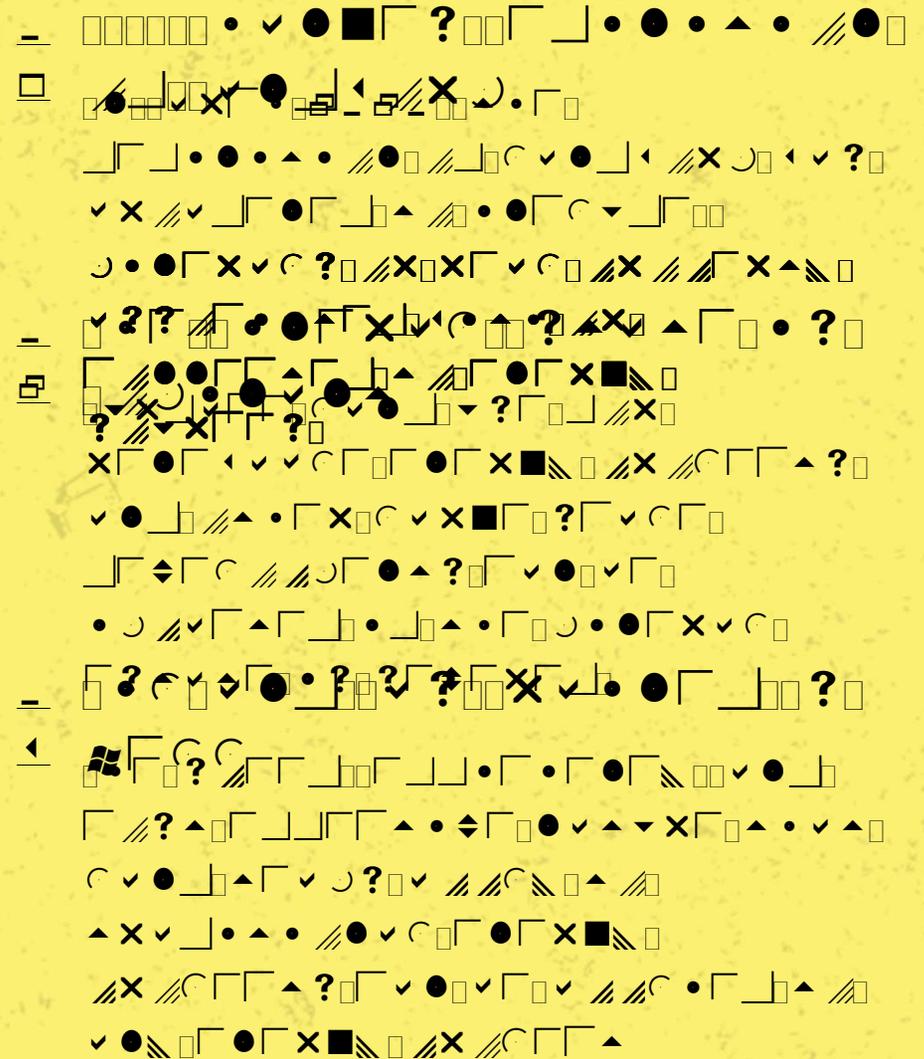
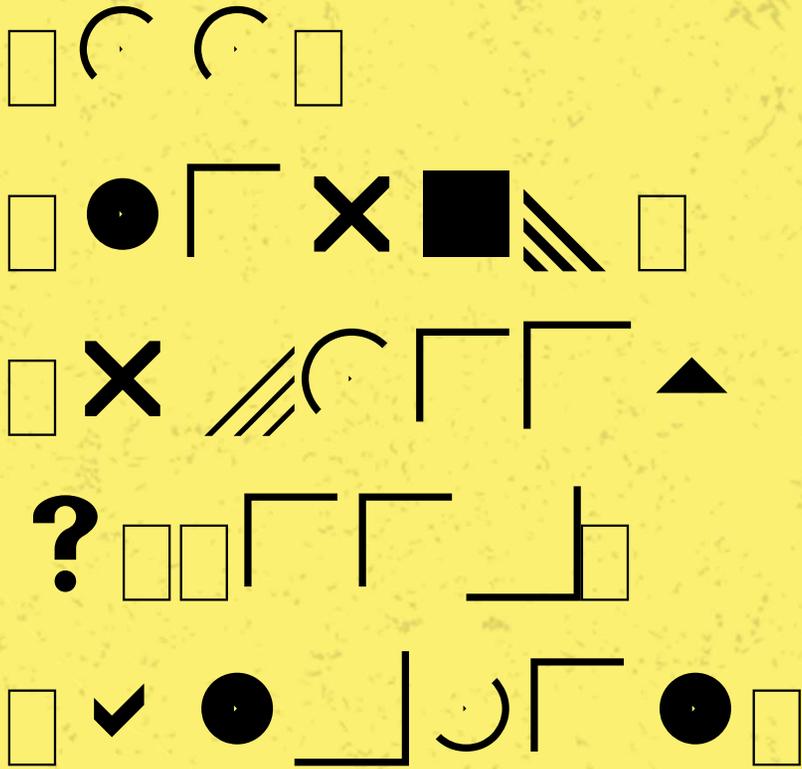


U.S. Electricity Generation by Source (2023)



□ □ □ □ □ □







Hamm Institute for American Energy

OKLAHOMA STATE UNIVERSITY

American Energy + AI Initiative

It is important for landmen to have a seat at the table to share the value of their skills and expertise in the AI space.

The American Energy + AI Initiative is a national effort to fast-track the infrastructure and energy capacity needed to power AI, advanced computing, and 21st-century industry.



TEXCAP

FUTURE OF FINANCE

SMU
Rowling Center for
Business Law & Leadership

 **AAAPL**
Powering The Profession

TXSE TEXAS
STOCK
EXCHANGE

SMU Cox School
of Business

 **TEXAS
BLOCKCHAIN
COUNCIL**

NAPE
Where Deals Happen

The Dallas Capital Markets Conference You Can't Afford to Miss



PROFESSIONAL DEVELOPMENT ASSISTANCE

AAPL has established a Professional Development Assistance Program that reduces the registration fee up to \$300 for AAPL-operated events including Annual Meeting and NAPE educational events. The program is designed for AAPL Active Members or AAPL Student Members who have not received Professional Development Aid more than two times in the past fiscal year.

A LITTLE HELP WHEN YOU NEED IT

Assistance is available for all AAPL-operated education programs including:

- ▶ Institutes
- ▶ Seminars & Workshops (including On-Demand and Live Webinars)
- ▶ RPL/CPL Certification Exam Reviews (in-person only)
- ▶ Annual Meeting (\$300 max)
- ▶ NAPE Summit

PLEASE NOTE: PROFESSIONAL ASSISTANCE MUST BE REQUESTED AT LEAST TWO WEEKS PRIOR TO THE EVENT DATE. PROFESSIONAL ASSISTANCE IS ONLY AVAILABLE TO NEW REGISTRATIONS. PLEASE WAIT FOR YOUR APPROVAL AND PDAP CODE APPROVAL BEFORE YOU REGISTER.

Assistance is limited to two programs per fiscal, including all AAPL Education Seminars, Workshops, On-Demand and Live Webinars (except the RPL/CPL review). The names of recipients requesting assistance are confidential. Total funds available for the program are limited to the budget amount approved by the board of directors each year.





DISASTER RELIEF ASSISTANCE

The AAPL Educational Foundation, Inc. established the Disaster Relief Assistance Program for AAPL members who has suffered financial loss due to severe storms and natural disasters.

If you or an AAPL member you know have been affected by the flooding or other recent storms across North America and would like to apply for a grant, please fill out the Disaster Relief Request form at your convenience.

100% of donations to the AAPL Educational Foundation for disaster relief directly assist AAPL members who have suffered losses during these storms and future natural disasters.

The Educational Foundation is a Section 501(c)(3) nonprofit corporation of the Internal Revenue Code of 1954, chartered under the laws of Texas. Your donation is tax deductible to the fullest extent of the law. Consult your tax adviser to see how this may apply to you.



For more information scan the QR code or contact aapl@landman.org.

SAVE THE DATE

SALT LAKE CITY
AAPL'S 72ND
ANNUAL MEETING
JUNE 24-26, 2026



JOIN THE AMERICAN ASSOCIATION OF PROFESSIONAL LANDMEN FOR A NEW LEASE ON YOUR [WORK] LIFE.



Professional Development



Publications



Certification



Networking



Legislative & Public Advocacy



Resources and much more



Visit landman.org to join the essential community for land professionals.



SAVE ▲ THE ▲ DATES

A A P L S P R I N G I N S T I T U T E S

APPALACHIAN LAND INSTITUTE

The 2026 ALI will be held in Pittsburgh, Pennsylvania, on April 2-3.

This highly popular institute has sold out several years in a row.

Topics are unique to Appalachia and CLEs are typically offered for PA, WV and OH.

MINING & LAND RESOURCES INSTITUTE

The 2026 MALRI will be held in beautiful Lake Tahoe on April 15-16.

Look for information on the 2026 MALRI to be released soon.

SEE SPEAKER LINEUPS AND REGISTER @ [LANDMAN.ORG](https://www.landman.org)

REAL ENERGY. REAL DEALS.

THE ONLY EXPO WHERE DEALS HAPPEN & REAL MARKET INSIGHTS TAKE SHAPE.

GOVERNORS ENERGY FORUM

ALASKA GOV. MIKE DUNLEAVY • MISSISSIPPI GOV. TATE REEVES • OKLAHOMA GOV. KEVIN STITT • MODERATED BY JACKI PICK DEASON,
DEASON CAPITAL SERVICES

SPECIALIZED NAPE HUBS: WHERE SECTORS CONNECT

PROSPECT HUB • RENEWABLE ENERGY HUB • BITCOIN MINING HUB • MINERALS & NONOP HUB • NEW! DATA CENTER HUB •
NEW! OFFSHORE HUB • NEW! CRITICAL MINERALS HUB



READY TO REGISTER? USE CODE **MRA26**
AND SAVE \$75 ON YOUR REGISTRATION!

NAPE

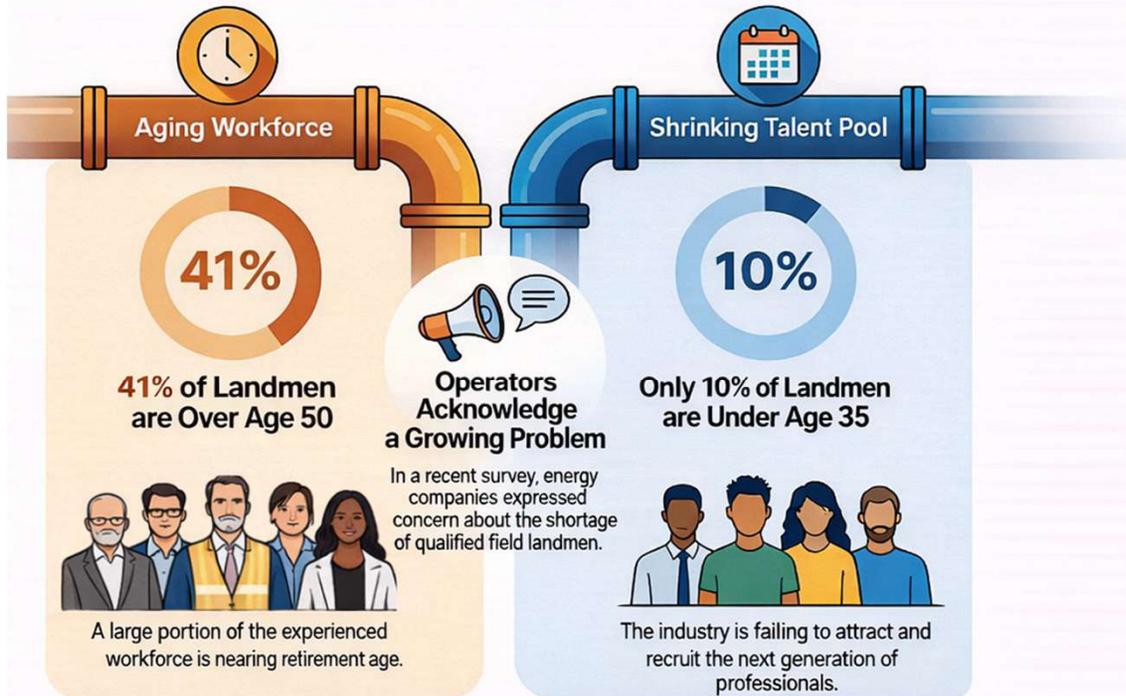
The Looming Crisis: An Aging & Shrinking Workforce

Context Summary

A critical shortage of skilled field landmen due to an aging workforce and stagnant pay threatens future energy supply chains.



The Looming Crisis: An Aging & Shrinking Workforce



OPERATORS ARE DEEPLY CONCERNED ABOUT A SHORTAGE OF QUALIFIED FIELD LANDMEN

Many acknowledge the problem and believe good pay will solve the shortage.

Pay Has Not Kept Pace With Inflation



Today's Equivalent

A \$450/day rate in 2004 would need to be \$769/day today just to maintain the standard of living.



The ROI of a Landman: Investing in Quality to Accelerate Production

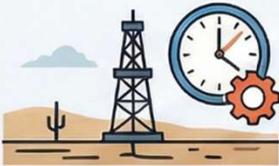
Invest in highly-qualified landmen to mitigate risk, accelerate time-to-production and drive significant business value.

THE HIDDEN COSTS OF THE STATUS QUO



The Million-Dollar Mistake

A single title defect missed by an inexperienced landman can cost \$1M+ in litigation.



Project Delays and Idle Rigs

Poor quality landwork leads to permit bottlenecks and expensive rig scheduling delays.



A Damaged Reputation Costs More

Unprofessional field representation forces companies to pay higher premiums on future leases.



THE ROI OF INVESTING IN QUALITY



Accelerate Production by 2-3 Weeks

A motivated, top-tier landman can deliver a "drill-ready" location significantly faster.

STATUS QUO

INVESTED IN QUALITY

2-3 Weeks
Faster



Faster Production = Faster Cash Flow

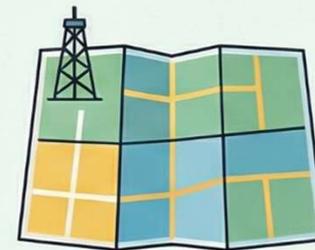
Bringing a well generating \$50,000/day online 20 days earlier pays for the investment.

**\$50,000/day well =
20 days earlier**
pays for investment



Comparing the Approaches

Key Metric	The Low-Rate Approach	The Strategic Investment
1 Project Risk	⚠️ High (Title defects, lawsuits)	✅ Low (Clean title, good relationships)
2 Time-to-Production	⚠️ Slowed by land hurdles	✅ Accelerated (Ready-to-drill locations)
3 Future Lease Cost	⚠️ Inflated due to poor reputation	✅ Lower due to trust & efficiency



Maximize Asset Value

Skilled landmen secure better ROWs and strategically unitize acreage, boosting a well's ultimate recovery.

