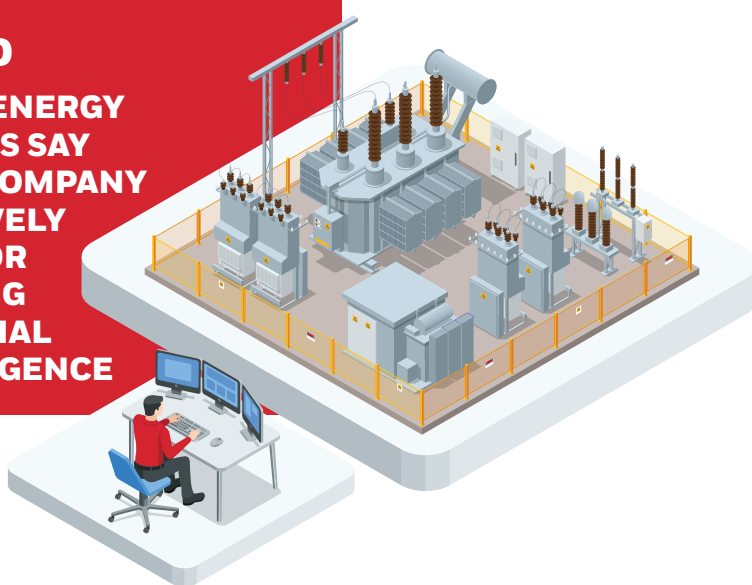


HONEYWELL SURVEY AI IN THE ENERGY INDUSTRY

85%

OF U.S. ENERGY
LEADERS SAY
THEIR COMPANY
IS ACTIVELY
USING OR
PILOTING
ARTIFICIAL
INTELLIGENCE



AI making the biggest
impact in:

57%

Cybersecurity and Threat Detection

52%

Predictive Maintenance

44%

Operational Efficiency

28%

Workforce Augmentation

AI IS MAKING INROADS IN ADDRESSING LABOR SHORTAGES AND UPSKILLING THE WORKFORCE:

53%

are currently
using AI
virtual
assistants

53%

are enhancing
workplace safety
and security with
AI-enabled threat
detection

36%

are automating
routine tasks
with AI

Rapid adoption expected in short order

12%

AI is a critical
part of energy
operations today

60%

AI will become critical
to energy operations
within 3 years

81%

AI will become critical
to energy operations
within 5 years

AI ready to enhance energy security

54%

AI ready today to significantly
improve energy security

37%

AI has potential to improve energy
security in the near term



Honeywell commissioned research firm Hudson Pacific to conduct the Honeywell AI in the Energy Industry Survey from March 24, 2025 through April 1, 2025. This opinion research is based on responses from 300 U.S. decision-makers and influencers in energy and energy-adjacent industries on their use of artificial intelligence. Leaders taking the survey had input into their company's use of AI in its operations.

For more information, visit [Energy & sustainability Solutions | Honeywell](#)

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