HONEYWELL SURVEY
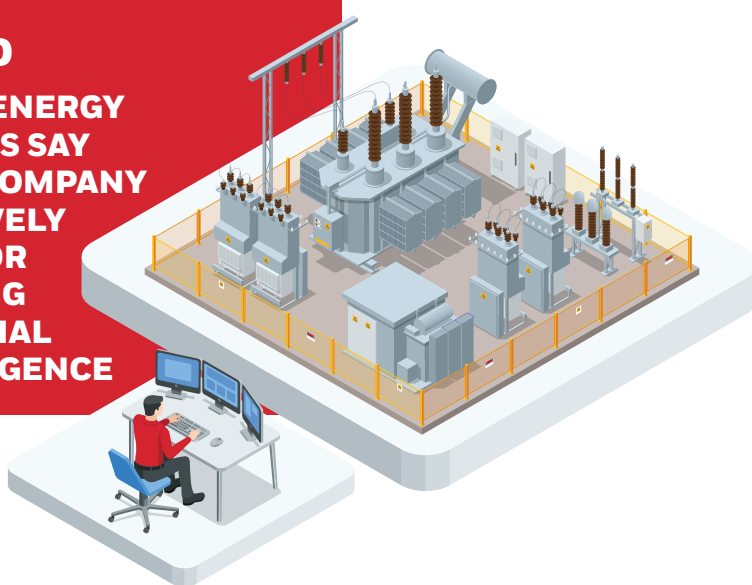# AI IN THE ENERGY INDUSTRY

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