

# Cloud Migration for Energy

Move priority workloads to Azure and eliminate the infrastructure costs and security exposure of aging on-premises systems.

## EXECUTIVE SUMMARY

Your on-premises servers cost money to maintain, require regular hardware replacement, and create a security exposure that grows each year. One hardware failure can take critical operations offline without warning. Armely migrates your infrastructure to Microsoft Azure. You pay for what you use, your remote teams get secure access from anywhere, and disaster recovery is built in.

## THE BUSINESS PROBLEM

Energy companies carry significant operational and financial risk from aging on-premises infrastructure. Hardware maintenance contracts pile up. Remote access for field and office teams is limited or insecure. Most organizations pay for server capacity they do not fully use, while the equipment that does matter ages past its prime. A server failure during a production cycle creates immediate financial and operational impact.

## HOW ARMELY SOLVES IT

Armely helps your organization **reduce infrastructure cost and eliminate hardware risk** by moving your priority operational and administrative workloads to **Azure** with a clear, staged migration plan. Your team gains scalable capacity, built-in disaster recovery, and secure remote access for field and office staff without the overhead of managing physical servers.

## BUSINESS OUTCOMES

- Reduce infrastructure costs by **20 to 35%**
- Eliminate hardware refresh cycles and associated capital expenditure
- Achieve **99.9% uptime** through Azure built-in redundancy
- Enable secure remote access for field and office teams from any location
- Meet NERC CIP and other energy sector cybersecurity requirements

### Industry Scenario

#### **Infrastructure Modernization — Energy Services**

*An energy services company migrates three aging on-premises servers to Azure. IT overhead drops by 40%. Field engineers access operational systems securely from remote locations without VPN complexity. The company passes its next cybersecurity audit without remediation findings for the first time.*

## WHY THIS MATTERS NOW

Cybersecurity threats targeting energy infrastructure are increasing in frequency and sophistication. Aging on-premises systems are the most common attack surface. Regulatory frameworks including NERC CIP require security controls that cloud environments meet more consistently than on-premises setups. The window for proactive migration is shorter than most teams realize.

## RECOMMENDED NEXT STEP

**Schedule a cloud readiness review with your IT director this week.** If you want Armely to run that review with you, contact us at [info@armely.com](mailto:info@armely.com) or **972-460-0643**. We can turn around a findings report within **5 business days**.