



PMI TRAINING

Project Management Energy Professionals Course

Master project management principles tailored for energy professionals. Drive efficiency and success in complex energy projects.

DURATION

40 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The Project Management Energy Professionals Course, offered by Computer Pride in collaboration with PMI, is meticulously designed for professionals navigating the complex and dynamic landscape of the energy sector. This intermediate-level, 40-hour program goes beyond general project management principles, diving deep into the unique challenges, opportunities, and regulatory environments inherent in energy projects. You will gain a robust understanding of project lifecycle management tailored for oil and gas, renewables, power generation, and distribution, equipping you with the specialized skills needed to drive successful outcomes in this critical industry.

Participants will master advanced techniques in risk management pertinent to high-capital energy investments, stakeholder engagement strategies for diverse international and local entities, and intricate contract management specific to energy infrastructure projects. The course emphasizes practical application, integrating case studies and best practices from leading energy organizations. By completing this certification, you will not only enhance your project delivery capabilities but also position yourself as a strategic asset capable of leading complex energy initiatives, ensuring projects are completed on time, within budget, and to the highest industry standards, ultimately contributing to sustainable energy solutions and operational excellence.

Duration	40 hours
Level	Intermediate
Vendor	PMI

COURSE CURRICULUM

01 Module 1: Foundations of Energy Project Management

- Overview of the Global Energy Landscape and Project Context
- Key Characteristics of Energy Projects (Capital Intensive, Long-Cycle, High Risk)
- Project Management Frameworks and Standards (PMBOK® Guide Alignment)
- Stakeholder Identification and Engagement in Energy Projects
- Introduction to Project Lifecycle Phases in Energy Projects

02 Module 2: Planning and Execution in the Energy Sector

- Scope Definition and Work Breakdown Structures for Energy Projects
- Advanced Scheduling Techniques (Critical Path, PERT) for Large-Scale Projects
- Cost Estimating and Budgeting in Energy Projects (e.g., EPC, LCOE)
- Procurement and Contract Management Strategies for Energy Supply Chains
- Resource Management and Mobilization in Remote Energy Sites

03 Module 3: Risk, Quality, and HSE Management in Energy Projects

- Identification and Analysis of Risks Specific to Energy Projects (Geopolitical, Environmental, Technical)
- Risk Response Planning and Contingency Management
- Quality Assurance and Control in Energy Infrastructure Development
- Health, Safety, and Environmental (HSE) Compliance and Management Systems
- Permitting, Regulatory Compliance, and Social Licensing

04 Module 4: Performance Monitoring, Control, and Closeout

- Earned Value Management (EVM) for Tracking Energy Project Performance
- Project Communications Management and Reporting for Diverse Audiences
- Change Control Processes in Complex Energy Projects

- Managing Project Handover and Commissioning in the Energy Sector
- Project Closeout Procedures and Lessons Learned for Future Energy Initiatives

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Energy Project Manager (Oil & Gas, Renewables, Power)**
- > **Senior Project Engineer, Energy Infrastructure Development**
- > **Energy Sector Portfolio Manager**

FREQUENTLY ASKED QUESTIONS

Q: How does this Project Management Energy Professionals Course differ from a general project management certification?

This specialized course specifically tailors PMI's robust project management principles to the unique context of the energy sector. Unlike generic certifications, it delves into the intricacies of energy projects, addressing challenges such as specific regulatory frameworks, high capital investment risks, complex stakeholder landscapes in oil & gas, renewables, and power generation, and specialized procurement strategies unique to energy infrastructure development. It equips you with industry-specific knowledge and practical skills directly applicable to energy projects.

Q: What kind of energy projects will I be better equipped to manage after completing this course?

Upon completing this course, you will be significantly better equipped to manage a wide array of energy projects. This includes large-scale oil and gas exploration and production projects, renewable energy ventures such as solar farms and wind power installations, power generation plants (conventional and nuclear), electricity transmission and distribution infrastructure projects, and energy efficiency initiatives. The curriculum covers the lifecycle and specific challenges pertinent to these diverse sub-sectors within the energy industry.

Q: Is this course suitable for professionals transitioning into the energy sector, or primarily for those already established?

This intermediate-level course is ideal for both established energy professionals looking to formalize and enhance their project management skills, and for experienced project managers from other sectors who are looking to transition into the energy industry. While a foundational understanding of project management concepts is beneficial, the course's comprehensive coverage of energy-specific challenges and best practices makes it highly valuable for anyone aiming to lead projects effectively within the dynamic energy landscape, regardless of their prior energy industry tenure.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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