

Project Management for the Energy Professionals

DAY 1

The Nature of Projects in the Energy Industry

The nature and complexity of energy projects

Energy project context & environment

Energy project strategizing and strategic planning

The energy project lifecycle

Managing the project triple constraint

Commercial viability evaluation

DAY 2

Project Planning in the Energy Industry

The 20 project management sequence steps

Defining project scope

Developing work & cost breakdown structures

Project management roles & responsibilities

Project planning inputs, tools & techniques

Project estimating techniques

DAY 3

Project Scheduling, Monitoring & Control

Project scheduling & network analysis techniques

Schedule compression techniques

Project performance monitoring

Earned value management & key performance indicators

Project control methods

Project design reviews & integrity assurance

DAY 4

Risk Management in Energy Projects

The six-step risk management process

Risk management planning



Risk identification

Qualitative & quantitative risk analysis

Risk response planning & implementation

Risk monitoring & control

DAY 5

Energy Project Management & Leadership Skills

Understanding leadership & management in the energy industry

Working in project teams

The team development cycle

Keys to effective influence & persuasion

Improving communication, delegation & motivating skills

Managing stakeholders & stakeholder expectations