MAWA EVENTS

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EFFECTIVE FINANCIAL MODELLING IN THE POWER INDUSTRY

"Transform Power Industry Data into Strategic Decisions Through Accurate Financial Modelling."

Schedule

Venue (In-house)	Fees
At Your Organization Premises	Ask For The Quotation

► **Available delivery methods:** In-House Training

Introduction

Financial modelling is a critical tool for decision-making in the power industry, enabling utilities, investors, and project managers to evaluate projects, forecast revenues, manage costs, and assess risks. Accurate financial models help ensure investment viability, operational efficiency, and long-term sustainability.

The Effective Financial Modelling in the Power Industry course equips participants with practical skills to develop robust financial models tailored for power projects. Participants will learn to integrate operational, technical, and financial data to forecast cash flows, perform cost-benefit analysis, and support strategic planning in generation, transmission, and distribution projects.

Objectives

By the end of this course, participants will be able to:

- Understand the principles and importance of financial modelling in the power sector.
- Develop comprehensive financial models for power generation, transmission, and distribution projects.
- Forecast cash flows, revenues, and operational costs.
- Perform sensitivity, scenario, and risk analysis to support decision-making.
- Evaluate project feasibility, investment options, and financing strategies.
- Integrate operational and technical data into financial planning.
- Ensure models comply with accounting standards and regulatory requirements.
- Present financial insights effectively to stakeholders.

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Why Attend

This course is essential for finance professionals, project managers, and engineers involved in financial planning and project evaluation in the power industry. Participants will gain hands-on skills to build accurate, decision-support financial models that enhance strategic planning, investment assessment, and operational efficiency.

Target Audience

This course is suitable for:

- Finance and Accounting Professionals in the Power Industry
- Project Managers and Analysts
- Power System Engineers and Technical Planners
- Investment Analysts and Decision Makers
- Utility and Independent Power Producers (IPPs) Professionals
- Graduate Students in Finance, Accounting, or Power Systems Engineering

Individual Benefits

- Develop practical expertise in financial modelling tailored for power projects.
- Gain confidence in forecasting, scenario analysis, and risk assessment.
- Improve problem-solving and strategic decision-making skills.
- Enhance professional competency and career opportunities.
- Learn to integrate operational and technical data into financial models.
- Acquire skills to present financial insights effectively to stakeholders.

Organizational Benefits

- Improve investment and operational decision-making processes.
- Enhance accuracy and reliability of project financial evaluations.
- Support strategic planning and cost optimization initiatives.
- Build in-house expertise in financial modelling for power projects.
- Reduce financial risks and enhance project feasibility analysis.
- Ensure compliance with accounting and regulatory standards.

Instructional Methodology

The training employs a practical, hands-on approach through:

- Interactive lectures and financial modelling demonstrations
- Case studies of real-world power projects
- Step-by-step exercises on building, analyzing, and validating financial models
- Group workshops and collaborative scenario analysis
- Assignments focused on forecasting, risk assessment, and investment evaluation
- Continuous feedback and Q&A sessions for skill reinforcement

Course Outline

Module 1: Introduction to Financial Modelling in the Power Industry

Module 2: Key Financial Metrics – CAPEX, OPEX, ROI, and IRR

Module 3: Building Cash Flow and Revenue Forecast Models

Module 4: Cost-Benefit and Investment Analysis

Module 5: Sensitivity and Scenario Analysis for Risk Assessment

Module 6: Integrating Technical and Operational Data into Financial Models

Module 7: Financing Options and Regulatory Considerations

Module 8: Case Studies of Generation, Transmission, and Distribution Projects

Module 9: Model Validation, Documentation, and Reporting

Module 10: Capstone Project – Developing a Comprehensive Financial Model for a Power Project

Certification

Upon successful completion, participants will receive a Certificate in Effective Financial Modelling in the Power Industry, validating their expertise in building robust financial models to support strategic decision-making and project evaluation in the power sector.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**