

Financial Modeling using Excel - Power Sector

Workshop Title:

Financial Modeling using Excel - Power Sector

Target Audience:

Finance executives / managers, MIS executives, Risk Management Executives, Research Analysts, Financial Analysts, Security Analysts, Budget Analysts, Software solution providers, Investment Advisors from large corporate, infrastructure and power companies.

Duration:

Two day (9.30 a.m. – 5.30 p.m.)

Methodology:

Laptop based exercises & a book on Financial Modeling

Registration Fees:

Rs. 10,000/- plus taxes

Workshop Objective:

The objective of the course is to provide basic as well as complex modeling skills with practical training and hands on exercises on financial modeling using spreadsheets pertaining to the power sector.

Contents:

Introduction and Overview

Best Practices in Financial Modeling

Overview of Power Sector in India

Discussing Assumptions for the Model

Power Sector Guidelines - CERC Norms

Modeling Assumptions and Template preparation

Modeling Project Hard Costs

Understanding and Modeling Interest and Development Costs

Adding generation parameters to the model and modeling costs

Modeling Loan Repayment

Modeling Depreciation Schedule

Developing Tariff Sheet – Level 1 output

Developing Financial Statements for the model

- Income Statement
- Balance Sheet

Developing Financial Statements for the model

- Cash Flow Statement
- Ratios

Project Returns calculation.

Completing the model:

- NPV
- IRR
- Payback Period
- Discounted Period

Developing Sensitivity for IRR and NPV

Developing the probability model

Road Ahead