SESA

Skills for Energy in Southern Africa

FINANCIAL MODELLING FOR RENEWABLE ENERGY PROJECTS

Course Title: Financial Modelling for Renewable Energy Projects

Course Delivery: Blended – Week Online and One Week Onsite at Kafue Gorge Regional Training Centre

Dates: Online - 22 to 26 August 2022 and

Onsite at KGRTC – 29 August to 2 September 2022

Sweden Sverige | KAFUE GORGE REGIONAL TRAINING CENTRE | ITC International Training Centre | International Labour Organization | Solvina | UNIPOWER Sweden

INTRODUCTION

The International Labour Organization (ILO), with funding provided by the Government of Sweden, is supporting the Kafue Gorge Regional Training Centre (KGRTC) to implement the Skills for Energy in Southern Africa (SESA) Project. This is a three-and-a-half-year intervention with the overall development objective of increasing the uptake of renewable energy, energy efficiency and regional energy integration through skills development in Zambia and the SADC region. It is expected that the project will strengthen KGRTC's capacity as a Centre of Excellence for energy training in the region and significantly increase the number of power technicians, engineers and managers that are skilled in renewable energy, energy efficiency and regional energy integration. The project will be implemented through a Public Private Public Development Partnership (PPDP) approach.

COURSE OVERVIEW

The Financial Modelling for Renewable Energy Projects course will give you the skills to develop and analyse financial models for renewable projects.

COURSE OBJECTIVES

The objective of this course is to provide:

- Participants the skills required to build financial models for renewable energy projects.

COURSE OUTCOMES

At the end of this training programme, course participants shall be able to:

- Explain Solar Project Development;
- Explain Small Hydropower Development;
- Use Excel for Modelling;
- Carry out Financial Modelling for Solar and Small Hydropower Projects;
- Model Energy Generation;
- Model Selling Power;
- Model Operating Costs;
- Model Working Capital;
- Model Property Plant and Equipment and Depreciation;
- Model Taxation for RE Projects;
- Model Equity, Dividends and Cash;
- Model Revolver
- Model Term Debt
- Model Mezzanine
- Model Senior Notes
- Model Debt Service Reserve Account
- Size Debt (Debt Sculpting)
- Model Project Returns
- Develop Dashboards in Microsoft Excel

COURSE OUTLINE

1. Basic of Solar Project Development
2. Basics of Small Hydropower Development
3. Excel Refresher
4. Financial Modelling for Solar and Small Hydropower Projects
5. Modelling Energy Generation
6. Selling Power
7. Operating Costs
8. Working Capital
9. Property Plant and Equipment and Depreciation
10. Taxation
11. Equity, Dividends and Cash
12. Sizing Debt
13. Project Returns
14. Development of Dashboards

PARTICIPANTS' PROFILE/TARGET GROUP

Participant's profile or target group are managers, accountants, engineers, and any suitably qualified personnel involved in Renev

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Participation Fee: USD800 per participant
Includes: Certificate of Competence upon successful completion of the course

Scan to apply

APPLY NOW!

For enquiries and enrollment download our Course Nomination Form or go to:
https://www.kgrtc.org.zm/course-application
or call : +260 97 6668843
Email : frontdesk@kgrtc.org.zm