ECREEE / CESC TRAINING THE TRAINERS COURSE
ON
CLEAN ENERGY PROJECT ANALYSIS WITH RETSCREEN 4

Title: Clean Energy Project Analysis with RETScreen 4
Location: Webinar (high-speed internet connection required)
Dates: Tuesday, March 22, 2016 and Wednesday, March 23, 2016 (in English)
       Tuesday, March 29, 2016 and Wednesday, March 30, 2016 (in French)
Time: 10 AM to 5:30 PM UTC (GMT)
Instructor: Michael M.D. Ross, RER Energy Inc
Audience: Policy and project analysts; engineers
Prerequisites: Previous exposure to or use of RETScreen 4 (www.RETScreen.net)
             RETScreen 4 and MS Excel (2003, 2007, 2010, or 2013) installed and operating
             Previous experience with clean energy projects
Objectives: To improve the analyst's ability to assess the technical and financial
            viability of renewable energy and energy efficiency projects through the
            use of RETScreen 4; to understand how to use this tool for policy
            analysis;
Description: The course will consist of a combination of presentations and case
             studies. The case studies will be provided to the participants such that
             they will have the opportunity to work through them using the
             RETScreen 4 software. The instructor will be available to answer
             questions and assist the participants. At the end of each case study,
             the instructor will present a solution to the case study for participants to
             compare against their own work.
Day 1:
10:00-10:10 Introduction to course
10:10-10:30 Introduction to prefeasibility analysis
10:30-11:00 Review of the use of RETScreen 4: on-grid PV system example
11:00-12:00 Case Study 1: on-grid PV system
12:00-12:30 Lunch
12:30-13:00 RETScreen 4 with off-grid power systems
13:00-14:30 Case Study 2: small off-grid PV system
14:30-15:00 Break
15:00-17:00 Case Study 3: isolated village PV system
17:00-17:30 Questions and Discussion

Day 2:
10:00-11:00 Hydro project and wind project examples
11:00-12:00 Case Study 4: Participant’s choice - hydro project or wind project
12:00-12:30 Lunch
12:30-13:30 Case Study 4 continued
13:30-14:00 Lighting energy efficiency
14:00-14:30 Case Study 5: lighting energy efficiency
14:30-15:00 Break
15:00-15:30 Energy efficiency projects with RETScreen 4
15:30-17:00 Case Study 6: Participant’s choice: energy efficiency or solar hot water
17:00-17:30 Questions and Discussion