

Schedule

SECTION 1 (MORNING DAY 1)

Sign-in
Part 1. Introduction
Classroom Rules and Procedures
Self-Assessment Quiz
Photovoltaics Defined
Introduction—Video on Solar Power Basics
Electricity Pricing and Consumption
Solar PV Installations
BREAK
Case Study 1. Townhouse in New Mexico
Solar PV Use on Commercial Properties
Part 2. Speaking the Solar Language
Overview of Solar PV Energy Systems
Speaking the Language of Solar and Describing the System (includes 4-minute video clip)
Cells, Modules, and Arrays
BREAK
Solar PV Inverters
Performance Standards and Other Issues Related to Solar PV Systems
Competency, Scope of Work, and Developing an Opinion of Value
Practice Test
LUNCH

SECTION 2 (AFTERNOON DAY 1)

Part 3. Documentation of Size, Estimated Production, and Lease vs. Ownership

Documentation Available for Valuation of Solar PV Systems
Installation, Warranty, Maintenance, and Energy Production
Incentives, Sources for Documenting Incentives, and Cause
and Effect of Incentives on Market Value

Case Study 2. Industrial Building with Solar PV System

Other Value Influences - leases

Tools for Valuation of Solar PV Systems

BREAK

Residential Lending Guidelines

Commercial Lending

Ei Value™ (Also known as PV Value Pro® and PV Value®
Overview (with discussion of discount rates)

BREAK

Cost Approach for Solar PV Systems

Discount Rates

Warranty Limitations

Mini Case Studies: Case Study 3

SECTION 3 (MORNING DAY 2)

Part 3. Documentation of Size, Estimated Production, and Lease vs. Ownership, cont.

Mini Case Studies: Case Study 4
Mini Case Studies: Case Study 5. Two Arrays
Practice Test
BREAK

Part 4. Net Zero Energy, Passive Solar, Identifying Solar Types and Problems, and Identifying Resources to Develop Derate Factors

Net Zero Energy Buildings
Passive Solar Buildings
Case Study 6. Existing Commercial Solar PV System
Practice Test
BREAK

Part 5. Published Studies on Value Contribution of Solar PV and Case Studies Using the Cost and Income Capitalization Approaches

Published Studies of Solar PV Systems' Value Contribution
for Residential Properties
Overview of a Partial List of Solar Photovoltaic Studies
Study of Solar PV System Assessments in 15 States
LUNCH

SECTION 4 (AFTERNOON DAY 2)

Part 5. Published Studies on Value Contribution of Solar PV and Case Studies Using the Cost and Income Capitalization Approaches, cont.

Recap of Morning Material

Case Study 7. Cost Approach as It Applies to Solar PV
Valuation: Residential Property

Case Study 8. Cost and Income Capitalization Approaches as
They Apply to Solar PV Valuation: Commercial Property

BREAK

Part 6. Case Studies: Multifamily Property and Commercial Solar PV Rooftop Lease

Income Capitalization Approach as It Applies to
Solar PV Valuation

Case Study 9. Multifamily Residential Property
Commercial/Industrial Rooftop Leases for Solar PV Systems

Case Study 10. Commercial Property Rooftop Lease

Part 7. Exam Content Review

Instructor-Led Review

Self-Study

BREAK

Instructions for Exam (Participants must remain until exam
starts to receive state CE credit. Participants who stay for
the exam receive an additional hour of credit.)

Exam