SOUTHERN CALIFORNIA EDISON®

An EDISON INTERNATIONAL® Company

Energy Education Center – Irwindale

Classes & Workshops

Q2 | 2014

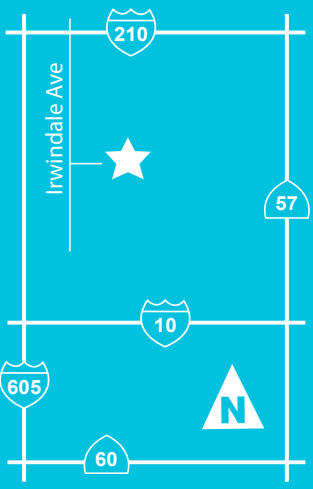
Since 1989 we've offered the classes, workshops, demonstrations and tours that provide the training and support you need to make important energy management decisions.

Learn more at www.sce.com/workshops

Register Online:
www.sce.com/workshops

Register By Phone:
626-812-7537 or 800-336-2822

Location:
Energy Education Center – Irwindale
6090 N. Irwindale Ave.
Irwindale, CA 91702



CANCELLATION POLICY:
Classes are held subject to enrollment. If you are unable to attend, please call to cancel your reservation as soon as possible. More than two no-shows will jeopardize your ability to register for future classes.

NOTE:
Children under the age of 16 are not permitted to attend or participate in our adult education classes and workshops.

All reservations are subject to space availability. Reservations will be held for 15 minutes following the start of class after which time your seat may be given to a waiting customer. Please bring your confirmation with you to each event. The Energy Education Center reserves the right to cancel any class/workshop/event.

Disclaimer: Content of classes and other program information is general in nature and not guaranteed or warranted to provide solutions to any specific situation. Content is provided for information only. SCE's Energy Education Center–Irwindale is not responsible for the views, interpretations or recommendations made in any program that reflect the positions of the presenters. SCE does not endorse any particular product, manufacturer or service discussed, and does not represent any goods or services for any purpose or use other than demonstration. All classes are offered at no charge to SCE customers unless otherwise stated.

Scan the QR code to go directly to our registration page

Key

● Basic Class ◆ Intermediate Class ■ Advanced Class

AIA Class carries American Institute of Architects Learning Units

FCSI Foodservice Consultants Society International Continuing Education Units

LA Class is part of the Lighting Academy Curriculum

IDSM This class is Integrated Demand Side Management compliant, and presents Energy Efficiency, Demand Response and/or Distributed Generation and utility-specific programs in the context of either whole-building systems or specific technologies.

Building Envelope, Construction & Software

2013 Residential Standards Essentials for Energy Consultants ◆ AIA

6/24	8:30 a.m. – 4:30 p.m.	Energy Education Center - Irwindale

2013 Residential Title 24 Modeling Essentials ◆ AIA

4/23	8:30 a.m. – 4:30 p.m.	Energy Education Center - Irwindale

Introduction to Thermal Imaging ■

5/7	8 a.m. – 5 p.m.	Energy Education Center - Irwindale

LEED® Green Associate: Taking the First Step in Green Building Using LEED ● IDSM

6/20	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

Title 24: Where We're Headed with the 2013 Standards ◆ AIA

4/24	8:30 a.m. – 12:30 p.m.	College of the Desert, Energy Enterprise Ctr - Palm Springs
6/25	8:30 a.m. – 12:30 p.m.	Frontier Project - Rancho Cucamonga

Zero Net Energy Homes - Design Fundamentals

4/17	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Zero Net Energy Homes - Integrated Project Delivery

4/24	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Zero Net Energy Homes - People and Plug Loads

5/9	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Zero Net Energy Homes - Renewable Energy

5/15	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Zero Net Energy Homes - Enclosures and Assemblies

6/3	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Zero Net Energy Homes - Mechanical Systems

6/17	8:30 a.m. – 3:30 p.m.	SCE Saddleback Service Center - Irvine ◆ **AIA**

Commercial & Industrial Technologies

Benchmarking Energy Use in Commercial Buildings ● AIA

4/9	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale
4/10	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale
5/7	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale
6/18	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale
6/19	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale

Demand Response

Demand Response: Gain an Edge on Power Costs ● IDSM

5/22	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale

Electricity Fundamentals

Electric and Magnetic Field (EMF) Workshop

4/9	9 a.m. – 2 p.m.	Energy Education Center - Irwindale
5/14	9 a.m. – 2 p.m.	Energy Education Center - Irwindale
6/11	9 a.m. – 2 p.m.	Energy Education Center - Irwindale

To register, send an email with your name(s), telephone number, company name, and address to: EMFRegistrations@sce.com, or call 800-200-4723.

Fundamentals of Electricity and Energy Efficiency ● IDSM

4/16	8:30 a.m. – 4:30 p.m.	Energy Education Center - Irwindale

Energy Management Controls

Energy Management Systems (EMS) ◆

4/15	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

Introduction to Programmable Logic Controllers: Energy Efficiency Applications ●

5/19	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale
5/20	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

PLC LEVEL 1: Industrial Electricity and Automated Controls (Two-Day Workshop) ●

5/21, 5/22	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

PLC LEVEL 2: Industrial Electricity and Automated Controls (Two-Day Workshop) ●

5/28, 5/29	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

PLC LEVEL 3: Industrial Electricity and Automated Controls (Two-Day Workshop) ●

6/5, 6/6	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

PLC LEVEL 4: Industrial Electricity and Automated Controls (Two-Day Workshop) ●

6/12, 6/13	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

Energy Strategies

Save Energy, Save Money: An Introduction to Energy Efficiency and Rebates ●

5/13	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale
6/18	8:30 a.m. – 12:30 p.m.	Energy Education Center - Irwindale

Thermal Energy Storage Permanent Load Shifting - Customer Training ●

4/11	9 a.m. – Noon	Energy Education Center - Irwindale

Thermal Energy Storage Permanent Load Shifting - Engineer Training ●

5/15	9 a.m. – 3 p.m.	Energy Education Center - Irwindale

Foodservice Technologies

Greener Restaurants ●

4/29	10 a.m. – 1:30 p.m.	Energy Education Center - Irwindale

Hot Rebates and Cool Savings for Foodservice ● FCSI IDSM

6/19	10 a.m. – 1:30 p.m.	Energy Education Center - Irwindale

HVAC/R Systems & Technologies

Basic Heating, Ventilating and Air Conditioning (HVAC) ● IDSM

4/11	8:30 a.m. – 12:30 p.m.	SCE Wildomar Service Center
4/18	8:30 a.m. – 12:30 p.m.	South Bay Environmental Services Center - Torrance
4/23	8:30 a.m. – 3 p.m.	Energy Education Center - Irwindale
5/9	8:30 a.m. – 12:30 p.m.	Irvine City Hall - Irvine
5/15	8:30 a.m. – 12:30 p.m.	SCE Whittier Service Center - Santa Fe Springs
6/18	8:30 a.m. – 3 p.m.	Energy Education Center - Irwindale

CalCERTS Independent Whole House Rater (Four-Day Workshop) ◆

4/21, 4/22, 4/23, 4/24	7 a.m. – 4 p.m.	Energy Education Center - Irwindale

To register, visit www.calcerts.com or call 916-985-3400, x301

HERS Advanced Rater Training Program: 2013 Title 24 Part 6 Residential Overview ●

4/11	8 a.m. – 5 p.m.	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS Advanced Rater Training Program: Manual D ◆

5/8	8 a.m. – 5 p.m.	Irvine City Hall - Irvine
6/6	8 a.m. – 5 p.m.	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS Advanced Rater Training Program: Manual J ■

5/7	8 a.m. – Noon	Irvine City Hall - Irvine
6/5	8 a.m. – Noon	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS Advanced Rater Training Program: Manual S ◆

5/7	1 p.m. – 5 p.m.	Irvine City Hall - Irvine
6/5	1 p.m. – 5 p.m.	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS Building Pressure Diagnostics ●

4/10	8 a.m. – 5 p.m.	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS II Multi-Family ◆

5/6	1 p.m. – 5 p.m.	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HERS II Overview ◆

5/6	8 a.m. – Noon	Energy Education Center - Irwindale

To register, visit www.advancedratertraining.com or call 866-240-7163

HVAC System Testing For Energy Efficiency ■

5/20	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

IHACI Economizers Class 1: Introduction/Fundamental Theory ◆

6/3	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI Economizers Class 2: Intermediate: Components, Installation/Maintenance ◆

6/4	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI Economizers Class 3: Advanced: Set-up, Control Strategies and Commissioning ◆

6/10	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI Economizers Class 4: Practical Hands-on Experience ◆

6/11	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Air Conditioners and Heat Pumps: Part 1 (Introduction) ◆

5/6	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Air Conditioners and Heat Pumps: Part 2 (Installation & Service) ◆

5/7	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Air Distribution: Part 1 (Introduction) ■

5/13	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Air Distribution: Part 2 (Installation & Service) ■

5/14	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Core: Part 1 (General Skills) ◆

4/22	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Core: Part 2 (Electrical Skills) ◆

4/23	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Gas Heating: Part 1 (Introduction) ◆

4/29	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series - Gas Heating: Part 2 (Installation & Service) ◆

4/30	6 p.m. – 9 p.m.	Energy Education Center - Irwindale

IHACI: NATE Certification Training Series Exam ■

5/17	7:30 a.m. – 12:15 p.m.	Energy Education Center - Irwindale

Residential and Light Commercial HVAC ◆

6/4	8:30 a.m. – 3:30 p.m.	Irvine City Hall - Irvine
6/5	8:30 a.m. – 4 p.m.	Energy Education Center - Irwindale

Title 24 Building Energy Standards Essentials for Residential AC Quality Installation Contractors ◆
5/6 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale

Title 24 Building Energy Standards Essentials for Small Commercial AC Quality Installation Contractors ◆
5/29 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale

Variable Refrigerant Flow Systems - Design and Application ●
4/9 8:30 a.m. – Noon Energy Education Center - Irwindale

Lighting Technologies

Advanced Lighting Control Systems for Specifiers ■ **LA IDSM**
5/28 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

Basics of LED Technology ● **AIA**
5/15 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Beyond Efficient Lamps ● **LA**
4/8 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Calculating Lighting Solutions ◆ **LA IDSM**
4/24 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

California Advanced Lighting Controls Training Program (CALCTP) Business Development ●
4/2 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

California Advanced Lighting Controls Training Program (CALCTP) Systems - (Two-Day Workshop) ◆
4/22, 4/24 4 p.m. – 9 p.m. Energy Education Center - Irwindale

Computer-Aided Lighting Design ■ **AIA LA IDSM**
4/25 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Designing Commercial Lighting ■ **AIA LA IDSM**
5/20 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

From Candles to LEDs - Getting to the Point ◆ **AIA LA**
4/15 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

From Fluorescent to Induction - An Area of Lamp Efficiency ◆ **AIA LA**
4/17 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Industrial Lighting Applications ■ **AIA LA**
5/14 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

Introduction to Lighting ● **AIA LA**
4/3 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale
6/3 8:30 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Lighting Control Strategies and Devices ■ **AIA LA IDSM**
5/27 8 a.m. – 12:30 p.m. Energy Education Center - Irwindale

Lighting Design Basics ● **AIA LA**
5/19 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

Office Lighting: Title 24 and Technology Update ◆ **AIA**
4/16 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale

Outdoor Lighting Applications ■ **AIA LA**
5/15 8:30 a.m. – 4:30 p.m. Energy Education Center - Irwindale

Residential Lighting: Title 24 and Technology Update ◆ **AIA**
4/15 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale
5/20 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale

Retail Lighting: Title 24 and Technology Update ◆ **AIA**
5/19 8:30 a.m. – 3 p.m. Energy Education Center - Irwindale

Renewables

CSI Commercial Solar Workshop ●
4/30 9 a.m. – 11:30 a.m. Energy Education Center - Irwindale
6/10 9 a.m. – 11:30 a.m. Energy Education Center - Irwindale

CSI Contractor Solar Class ●
5/20 9 a.m. – Noon Energy Education Center - Irwindale