

MANUFACTURER OR COMPANY	STATE	COURSE NAME	CONTACT HOURS	EXP. DATE	CONTACT
ABB	ML*	ABB Solar Product Training	3 Hours	6/9/2015	Jim Egan: (480) 370-5706 jim.egan@us.abb.com
		ABB Products, Design & Application	4 Hours	9/19/2015	
		ABB Solar Products Technology	2 Hours		
Advanced Energy	ML*	Introduction to Commercial Inverters	4 Hours	3/25/2015	John Foster: (201) 270-9005 john.foster@aei.com
		3TL Inverter Training	1 Hour	2/14/2015	
AEE Solar	ML*	Off Grid Workshop: Battery-Based PV & Wind Systems	6 Hours	3/21/2015	Hannah Harrison: (707) 923-2277 x4804 hharrison@aeesolar.com http://aeesolar.com/dealer-services Pdailey@aeesolar.com Paul Dailey: (707) 923-2277
		Grid-tie Battery Back-up Workshop	6 Hours	4/11/2015	
		Selling Solar 101	4 Hours	12/31/2014	
		Off-Grid PV & Wind Hybrid Systems	6 Hours	4/18/2015	
Alternate Energy Technologies	FL	Solar Thermal Water, Space, and Pool Heating Fundamentals	8 Hours	7/22/15	David Sawchak 800-874-2190 David.sawchak@aetsolar.com www.Aetsolar.com
		Solar Thermal Water, Space, and Pool Heating Installation	16 Hours		
		Solar Thermal Water, Space, and Pool Heating Design	8 Hours		
		Solar Thermal Water, Space, and Pool Heating Advanced Design	8 Hours		
		Solar Thermal Business Development Solar Thermal Sales	8 Hours		
Ambassador Energy, Inc	CA	Advanced PV Design and Installation	18 Hours	3/14/2015	Catherine Kelso: (866) 586-1840 kelso@ambassadorsenergy.com

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Apollo Solar, Inc.	ML* (Online Option)	Apollo Solar PV for Telecom	12 Hours	11/26/2014	daniel.twoeagles@apollosolar.com Daniel TwoEagles: 203-790-6400
Aquatherm Industries	ML*	Solar Pool Heating <i>Applies Towards: up to 3 hrs in any SH category</i>	3 Hours	4/3/2015	Dave Sizelove: (732) 905-9002 ext 223
Brooks Engineering	ML*	Inspecting PV Systems for Code Compliance <i>Applies Toward: up to 6 NEC + 2 Other</i> Advanced PV System Design & Installation <i>Applies Toward: up to 6 NEC; 6 Technical/JTA; and 6 Other</i>	2 to 8 Hours 7 to 21 Hours	1/23/2015 1/23/2015	Bill@brooksolar.com Bill Brooks: (707) 332-0761
Burndy, LLC	ML*	Grounding Applications for Balance of Systems Components for Residential, Commercial and Utility Scale Solar	1 Hour	9/19/2014	Harley Haney: (845)-693-WEEB ghaney@burndy.com
Caleffi Solar	ML*	Installing Solar Thermal <i>Applies to any SH category</i> Solar Thermal Basics	2 Hours 4 Hours	5/29/15 3/19/15	Bob Rohr: 417-380-0485 Bob.rohr@caleffi.com www.caleffi.us
Century Roof & Solar	ML*	Roofing for the Non-Roofer	4 Hours	1/23/2015	tonyd@centryrooftile.com Tony Diaz: (510) 780-9489
CertainTeed Solar	AZ	Installing Apollo II PV Shingles	1.5 Hours	1/16/2015	Katy Collardson: (928) 637-3278 katy.collardson@saint-gobain.com
Chint Power Systems	CA	CPS Training - Design & Installation (Webinar & Hands-on)	2.5 Hours	3/28/2015	Sukriti.jain@chintpower.com Sukriti Jain 408-223-5233
Direct Power & Water Corporation	ML*	Pole Mount Racking - Technical Overview Ballasted Racking - Technical Overview DPW Racking - Technical Overview	1 Hour 1 Hour 3 Hours	9/27/2014	Dominic Westeen. (800) 260-3792 ext. 118 DominicW@directpower.com

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Electrical Training Center, Inc.	NY	Photovoltaic Simplified	8 Hours	6/8/2015	Sal Ferrara: (631) 226-8021 info@electricaltrainingcenterli.com
		Electrical Calculations	8 Hours		
		NEC Code Changes	8 Hours	2/20/2015	
		OSHA 10 - Outreach Training for Construction Electricians	10 Hours		
		SOARES Grounding & Bonding	8 Hours		
		Master Electrician License Preparation	24 Hours		
Energy Circle	ML*	Capturing Lease & Growing Business: How to Leverage Resoruces Through Business to Consumer Marketing <i>(Course is not JTA Based. Apply to Non-technical/other CE category)</i>	6 Hours	3/28/2015	Lisa Fahay: (207) 847-3644 lisa@energycircle.com
Energy Conservation Services	ML*	Advanced Solar Water & Space Heating Systems	8 Hours	3/3/2015	Tom Lane: 352-377-8866
Enphase Energy	ML*	Enphase Micro-Inverter Installation and Best Practices	4 Hours		Peter Lum: (877) 797-4743 plum@enphaseenergy.com http://enphasetraining.webex.com
		Enphase Microinverter Comprehensive Design, Installation & Communications	6 Hours	10/11/2014	
		Networking Fundamentals for Internet Connectivity	4 Hours	4/7/2015	
Fronius, USA, LLC	ML*	Fronius Installation Training (onsite and web)	2 to 8 Hours		Dan Fortson: (810) 844-2775 Fortson.dan@fronius.com www.fronius.com/cps/rde/xchg/SID-2B291602-AF4AB673/fronius_usa/hs.xml/2714_2123.htm
		Fronius Service Provider Certification for Fronius IG	8 Hours		
		Fronius DatCom Training	4 Hours		
		Fronius Inverter Training	4 to 8	6/12/2015	

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		Fronius Service Provider Certification for Fronius IG Plus	Hours 8 Hours		Moe Mahone: (219)734-5666
		Fronius Service Provider Certification for Fronius CL	7 Hours		Moe Mahone: (810) 844-2771 Mahone.mornete@fronius.com
		Fronius Service Provider Certification Training for Fronius Galvo Solar Inverters	6 Hours		Moe Mahone: and Sabine Hankiewicz (219) 734-5666
		Fronius 2hr Product Presentation Fronius Galvo Solar Inverters	2 Hours		hankiewicz.sabine@fronius.com
HeatSpring Learning Institute	ML* (Online)	Megawatt Design <i>Applies towards: 6 Technical/JTA + 6 Non-Technical + 3 NEC</i>	30 Hours	5/22/2015	Tom McCormack: (800) 393-2044 x66 tmccormack@heatspring.com www.heatspring.com/courses
Hellermann Tyton	ML*	2014 NEC New Requirements: Article 690 for Solar PV Systems	1 Hour	2/22/2015	Todd Fries: 414-975-7066 tfries@htamericas.com
		2011 NEC New Requirements: Article 690 for PV Systems	1 Hour	8/27/2014	http://hellermanntyton.us/promo/webinar.aspx
Illinois Solar Energy Association	IL	PV Systems and the 2008/2011/2014 NEC	7 Hours	2/18/2015	Lesley McCain: (847) 924-7359 lesley.mccain@illinoissolar.org
Ingeteam, Inc.	ML* (Online Options)	Fundamentals of Central Inverters: System Design & Installation	1 Hour	1/16/2015	Jeff Mathis (414) 934-4100 www.ingeconsuntraining.info
		Importance of PV System Monitoring	1 Hour	2/7/2015	
IronRidge Inc.	ML* (Online)	Ground Mount 101	.5 Hour	8/29/2014	Daniel L. Felix: (707) 459-9523
		Ballasted Roof Mount 101	.5 Hour		dfelix@ironridge.com
		Roof Mount Rail System 101	.5 Hour		

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ISA Corporation	CA	Commercial Building Evaluation for Solar Installation	1.5 Hours	1/23/2015	tzante@isa-corporation.com Tony Zante: (510) 324-3755
iSolarhotwater	ML*	Commercial Solar Hot Water <i>Applies Towards any SH category</i>	6 Hours	6/20/15	Peter Biondo: 928-282-2366
Madisonville Community College	ML* (Online)	ENM 100- Energy Industry Fundamentals	3 Hours	6/14/2015	Jake.hildebrant@kctcs.edu Jake Hildebrant: 270-883-1160
Mage Solar Academy	GA	Fundamentals of Solar Business and Technical Sales PV Field Inspectors 302	8 Hours 8 Hours	4/2/2014 6/21/2014	Amber Foskey (478) 609-6751 msa@pagesolar.com www.pagesolaracademy.com
Magnum Energy Inc	ML*	Magnum Energy Product Installation & Programming	4 Hours	10/11/2015	Gary Baxter: (425) 353-8833 Gbaxter@magnumenergy.com
Mid-Atlantic Renewable Energy Association	ML*	Keeping the Lights on with Batteries and Solar Power <i>Applies towards: 6 Technical/JTA + 1 NEC + 1 Other</i>	8 Hours	2/14/2015	Bill Hennessy: (484) 560-4666 bill@berkssolar.com
Midwest Renewable Energy Association (MREA)	ML* (Online Options)	PV & Solar Thermal Structural Considerations Battery-Based PV Systems Inspecting PV Systems Photovoltaic Site Assessment Certificate <i>Applies towards: 6 Technical/JTA + 6 Non-Technical</i> PV Training for Code Officials <i>Applies towards: 6 Technical/JTA or 6 NEC or 6 Non-Technical</i> Firefighter Safety and Renewable Energy Systems	7 Hours 7 Hours 4 Hours 18 Hours+ 6 Hours 7 Hours	6/12/2015 6/12/2015 6/12/2015 1/23/2015 2/24/2015 2/24/2015	Jenny Heinzen: (715)-592-6595 x.108 Jennyh@midwestrenew.org www.midwestrenew.org/training

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		<i>Applies towards: 6 Technical/JTA or 6 Non-Technical; + 1 NEC</i> Advancements in PV <i>Applies towards: 6 Technical/JTA or 6 Non-Technical; +1 NEC</i> PV System Design <i>Applies towards: 6 Technical/JTA + 6 Non-Technical + 2 NEC</i> 2014 NEC PV Update Solar Thermal System Conceptual Design	7 Hours 14 Hours 4 Hours 14 Hours	2/24/2015 2/24/2015 5/22/2015 1/24/2015	Jenny Heinzen: 715-592-6595 x108 jennyh@midwestrenew.org
Mike Holt Enterprises	ML*	2011 NEC Requirements for Solar Photovoltaic Systems	8 Hours	10/11/2014	Meghan Roy: (888) 632-2633 meg@mikeholt.com www.mikeholt.com/solarceu.php
Minneapolis Electrical JATC	MN	PV Solar with Energy Storage	8 Hours	10/22/2014	datkins@mplsjatc.org Derrick Atkins: 763-497-0072
Mitsubishi Electric & Electronics USA - Photovoltaic Division	ML*	PV Technical & Sales Training	12 Hours	4/23/2015	Jim Kadakia: (714) 220-4834 Jim.Kadakia@meus.mea.com www.MitsubishiElectricSolar.com
Morningstar Corporation	ML*	Solar Charge Controllers & Inverters: How to Choose the right Controller Technology	3 Hours	2/22/2015	Julie Hansberry: 215-321-4457 jhansberry@morningstarcorp.com
	PA	Tristar MPPT Solar Charge Controller	1.5 Hours	10/7/2014	Brad Berwald: (215) 321-4457 Bberwald@morningstarcorp.com www.morningstarcorp.com/en/news-item

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Munro Distributing/ Rexel Energy Solutions	ML*	Solar Incentives <i>Applies Towards: 3 Technical/JTA or 3 Non-technical</i>	3 Hours	1/17/2015	Mikhail Glazomitsky: (508) 536-2913 mikhailg@munroelectric.com
		Solar A to Z <i>Applies Towards: 3 Technical/JTA or 3 Non-technical</i>	3 Hours	2/24/2015	
		Hands on Solar <i>Applies Towards: 3 Technical/JTA or 3 Non-technical</i>	3 Hours		
		Selling Solar <i>Applies Towards: 3 Technical/JTA or 3 Non-technical</i>	3 Hours		
North Texas Renewable Energy Engineering	TX	Living Off-Grid with Solar Energy	7 Hours	11/8/2014	Dan Lipinski: 682-238-8210 dan@ntree.org
Oregon Solar Energy Industries Association (OSEIA)	ML*	Solar PV Systems and the 2014 NEC <i>Applies towards: 6 NEC and 2 Technical/JTA</i>	8 Hours	1/23/2015	Craig Ernst: (503) 853-5804 craig@oseia.org
OutBack Power Systems	WA	OutBack Certificate Training <i>Applies Towards: 6 Technical/JTA +6 Non-Technical/Other</i>	34 Hours	12/7/2014	Mark Cerasuolo: (360) 435-6030 mcerasuolo@outbackpower.com
Quick Mount PV	ML*	Solar Roofing Best Practices – Commercial	2 Hours	2/22/2015	Johan Alfsen: (925) 687-6686 johan@quickmountpv.com http://quickmountpv.com/training/index.html
		Successful Solar Business	8 Hours	5/30/2015	
		Quick Rack: Design & Installation	8 Hours	3/6/2015	

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Renesola America	ML*	Micro Inverter Technical Training	3 Hours	2/21/2015	Ryan Simpson: 602-570-1111 ryan.simpson@renesola.com
Rolls Surette Battery Company	ML*	Battery Based Systems	3 Hours	11/6/2014	Steve Higgins: 902-597-8447 steve@surette.com www.surette.com
Saint Paul College	MN	National Electric Code for Solar PV Solar with Energy Storage	8 Hours 8 Hours	10/19/2014	Cheryl Beaumier: 651-846-1438 cheryl.beaumier@saintpaul.edu
Schletter Inc	AZ	Installation of Large Commerical & Utility-Scale Solar Mounting Systems Layout Software for Large Commercial & Utility Scale PV Systems Flush Mount Systems: Design and Product Applications Design and Installation of Large Commercial & Utility Solar Mounting Sytems	1 Hour 1 Hour 1 Hour 3 Hours	6/13/2015 2/21/2015	Wolfgang Fritz: (520) 289-8700, or Angela Kleiver (520) 289-8700 wolfgang.fritz@schletter.us Angela.kliever@schletter.us
Schneider Electric	ML*	Gride Tied Inverters Battery Based Inverters	8 Hours 8 Hours	4/23/2015 4/23/2015	Mr. Jarmo Venalainen jarmo.venalainen@schneider-electric.com www.schneider-electric.com
SEBANE (Solar Energy Business Association of New England)	MA	PV Systems and the NEC 2014	6 Hours	6/12/2015	Ben Bramhall (857) 488-4454 info@sebane.org

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Silicon Energy	ML*	Small Distributed PV Generation & National Security: The Role of Integrated PV	1 Hour	6/10/2015	eshea@silicon-energy.com Erin Shea: (218) 789-1710
SMA America, Inc.	CA	Grid-tie Battery Back-up Systems	3 Hours	1/18/2015	Antonio Gomez: (916) 625-0870
	ML* online options	Decentralized Commercial Applications	5 Hours		www.sma-america.com/solaracademy Antonio.Gomez@sma-america.com
		Introduction to SMA Products	3 Hours		
		Stand Alone & Battery Backup Applications	5 Hours		Greg Smith: (916) 625-0870
		SMA System Design & Communication	5 Hours		
		Residential Applications	5 Hours		
		Battery Backup with and without PV	1 Hour		
		Impact of Multiple String Orientations	1 Hour		
		AFCI Compliant Inverters	1 Hour		
		Decentralized Commercial Design	1.5 Hours		
PV System Design - Inverter Focus	1.5 Hours				
Overview of Grid-Tied String Inverters	2.5 Hours				
Solairgen	GA	PV Grid Tie Systems Design and Installation: PV203	40 Hours	11/21/2014	Kelly Provence: (706) 867-0678 koprovence@solairgen.com www.solairgen.com
		PV Systems Advanced: PV221	21 Hours		
Solar Energy International (SEI)	ML*	PV 202 - Advanced PV System Design and the NEC (Grid Direct)	40-60 Hours		Chris Smith: (970) 527-7657 ext. 200 csmith@solarenergy.org
		PV 203 -Solar Electric Design Battery-Based	40-60		

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		PV 206 - Solar Business and Technical Sales	Hours		
		CE501: NEC Updates for the Solar Professional	40-60 Hours		
		CE502: Starting Your Solar Business <i>Applies Towards: up to 3 hrs in any SH category</i>	3 Hours		
		CE503: Solar Sales, Marketing and Public Relations <i>Applies Towards: up to 3 hrs in any SH category</i>	3 Hours		
		CE504: Commercial Sales & Financing Considerations for the Solar Professional	3 Hours		
		CE505: Code Compliant Roof Mounting & Waterproof Flashing	3 Hours		
		CE506: Code Compliant Conductor Sizing for Grid-direct PV Systems	2 Hours		
		CE507: Solar Hot Air Design and Installation, Part 1 <i>Applies toward any SH category</i>	2 Hours		
		CE508: Solar Hot Air Design and Installation, Part 2 <i>Applies toward any SH category</i>	2 Hours		
		CE509: Advanced Solar Thermal Trouble Shooting and Repair <i>Applies toward any SH category</i>	2 Hours		
		CE510: Tips, Tools and Techniques of the Solar Industry	3 Hours		
		CE511: PV O&M Strategies & Techniques	2 Hours		
		CE512: AC Coupling	2 Hours		
		CE513: Rooftop PV What you need to know about	1 Hour		

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		Roof Systems CE514: Rooftop PV What you need to know about Building and Fire Codes	2 Hours		
SolarBridge Technologies	ML*	AC Modules: Applications, Installation & Sales	2 Hours	5/17/2015	Terence Parker: (512) 583-5312 t.parker@solarbridgetech.com
SolarEdge Technologies	ML*	Installation of SolarEdge System	3 Hours	5/17/2015	Jeff Laughy: (209) 607-2402 jeff.laughy@solaredge.com
SolarLogic LLC	ML* Online Options	Using the SolarLogic SLASH-D Design Software and the SLIC Controller <i>Applies toward any SH category</i> Expert Use of the SolarLogic SLIC and SLASH-D	8 Hours 4 Hours	7/16/2015	Elliot Stern: (505) 577-4633 Elliot@solarlogicllc.com www.solarlogicllc.com
SolarWorld	ML* (Online Options)	SolarWorld 101: Into to PV & SolarWorld Solutions SolarWorld 201: Intermediate Product Training SolarWorld 301: Design & Installation Training <i>Applies toward: 6 JTA, 6 Other, 2 NEC</i>	1 Hour 6 Hours 14 Hours	5/13/2015	Sarah Freel: (503) 844-3451 sarah.freel@solarworldusa.com
Solectria Renewables	ML* (Online Options)	PV Fundamentals Medium Voltage PV Systems & Solectria Solutions Commercial Design Considerations & Solectria Solutions	1 Hour 2 Hours 3 Hours	5/2/2015	Natalie Holtgreffe: 781-640-0755 natalie.holtgreffe@solectria.com
Solmetric Corporation	ML* Online	Solmetric Certified Shade Analysis Course	3 Hours	3/21/2015	keith@solmetric.com Keith Rose 707-823-4600 www.solmetric.litmos.com
St. Louis Community College	MO	Advanced PV Sizing & Electrical Design	16 Hours	6/12/2014	Jeff Foster: (314) 513-4607 jfoster152@stlcc.edu

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Stahlin Enclosures	MI	SpecTech: Materials & Enclosures	12 Hours	8/2/2014	Roger Schroder: 616-794-0700 Rschroder@stahlin.com
Stion	ML*	Better Performance with CIGS Thinfilm Modules	3 Hours	5/29/2015	Joshua Moore: (408) 284-8837 jmoore@stion.com
Sun Pirate, Inc.	CA (Online)	Photovoltaic System Design & Installation (Web-based instructor mentored- 15 weekly lesson)	60 Hours	9/27/2014	Roger Coghlan: (707) 792-6929 Sunpirate@mindspring.com www.sunpirate.com/solar-training-course.html
SunEdison	CA	Fundamentals of PV Systems Installation <i>Applies Toward: 6 Technical/JTA and 6 Non-Technical/Other</i>	12 Hours	2/26/2015	Mark Mrohs: 510-456-7219 mmrohs@sunedison.com
		Echo Solar Hybrid System Installation <i>Applies Toward: 6 Technical/JTA and 6 Non-Technical/Other</i>	12 Hours		
Suniva	ML*	Suniva Product Training	1 Hour	3/3/2015	wwilliams@suniva.com Wesley Williams: (770) 709-5346
Sunvelope Solar, Inc.	ML*	Solar Hot Water Installation Workshop <i>Applies toward any SH category</i>	8 Hours	10/29/2015	Pete@sunvelope.com
Thames Solar Electric	ML* Online Options	NABCEP Test Prep Class <i>Applies toward 6 Technical/JTA + 6 Non-Technical + 4 NEC</i>	16 Hours	3/6/2015	Donna Wedemeyer: (303) 922-2063 Virginia Thompson: (303) 936-9377
		40-Hour Advanced PV Class <i>Applies toward 6 Technical/JTA + 6 Non-Technical + 6 NEC</i>	40 Hours		
		3-Day PV Class <i>Applies toward 6 Technical/JTA + 6 Non-Technical + 6 NEC</i>	24 Hours		
Tigo Energy, Inc.	CA	Tigo Energy System Design and Installation	3 Hours	6/22/2015	Daniel Roberts: (408) 402-0802 x.431 daniel.roberts@tigoenergy.com

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Unirac	ML*	Solar Mounting Structures	4 Hours	4/16/2014	Andy Davidson: (505) 242-6411 andyd@unirac.com www.unirac.com
		Best Practices with Racking and Risk Mitigation	2 Hours	7/27/2014	
Utah Chapter IAEI (International Assoc. Electrical Inspectors)	UT	Basics of Solar PV Code Requirements	8 Hours	2/21/2015	Doug Smith: 801-550-7630 doug@kimballeng.com www.utahiaei.org
Warshauer Electric Supply	NJ	Solar PV Fundamentals, Design & Inspection Responsibilities	5 Hours	10/9/2014	Kennie Marie Fried: 732-741-6400 kmf@warshauer.com
Zapotec Energy, Inc	MA	PV Systems and Fire Safety	6 Hours	3/14/2014	Paul Lyons: (617) 547-5900 x.201 lyons@ZapotecEnergy.com www.zapotecEnergy.com