



NABCEP Registered Continuing Education Courses PV Installation Professional

Most courses below directly relate to the NABCEP PV Installer Job Task Analysis and therefore can be used to meet all or part of the required contact hours. See Certification Handbook for details on Continuing Education requirements.

* **ML = MULTIPLE LOCATIONS**

Please contact providers for location and times of courses

Manufacturer or Company	State	Course Name	Contact Hours	Expiration Date	Contact
ABB	ML*	ABB Solar Product Training	3 Hours	6/9/2015	Jim Egan: (480) 370-5706
		ABB Products, Design & Application	4 Hours	9/19/2015	jim.egan@us.abb.com
		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@eesolar.com http://eesolar.com/dealer-services
		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	Pdailey@eesolar.com Paul Dailey: (707) 923-2277
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
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
Brooks Engineering	ML*	Inspecting PV Systems for Code Compliance Applies Towards: up to 6 NEC + 2 Other	2 to 8 Hours	1/23/2015	Bill@brooksolar.com

		Advanced PV System Design & Installation Applies Towards: up to 6 NEC; 6 Technical/JTA; and 6 Other	7 to 21 Hours	1/23/2015	Bill Brooks: (707) 332-0761
CED Greentech	ML*	Designing Off-grid Photovoltaic Systems	6 Hours	10/9/2014	Butch Hueske 303-892-4580 bhueske@ceddenver.com
Century Roof & Solar	ML*	Roofing for the Non-Roofer	4 Hours	1/23/2015	tonvd@centryrooftile.com Tony Diaz: (510) 780-9489
Direct Power & Water Corporation	ML*	Pole Mount Racking - Technical Overview	1 Hour	9/27/2014	Dominic Westeen:(800) 260-3792 ext. 118 DominicW@directpower.com
		Ballasted Racking - Technical Overview	1 Hour		
		DPW Racking - Technical Overview	3 Hours		
Energy Circle	ML*	Capturing Lease & Growing Business: How to Leverage Resoruces Through Business to Consumer Marketing (Course is not JTA Based.Apply to Non-technical/other CE category.)	6 Hours	3/28/2015	Lisa Fahay: (207) 847-3644 lisa@energycircle.com
Enphase Energy	ML*	Enphase Micro-Inverter Installation and Best Practices	4 Hours	10/11/2014	Peter Lum: (877) 797-4743 plum@enphaseenergy.com
		Enphase Microinverter Comprehensive Design, Installation & Communications	6 Hours		
		Networking Fundamentals for Internet Connectivity	4 Hours	4/7/2015	http://enphasetraining.webex.com
Fronius, USA, LLC	ML*	Fronius Installation Training (onsite and web)	2 to 8 Hours	6/12/2015	Dan Fortson: (810) 844-2775 Fortson.dan@fronius.com www.fronius.com/cps/rde/xchg/SID-2B291602-AF4AB673/fronius_usa/hs.xsl/2714_2123.htm Moe Mahone: (219)734-5666 Moe Mahone: (810) 844-2771 Mahone.mornete@fronius.com Moe Mahone: (219)734-5666
		Fronius Service Provider Certification for Fronius IG	8 Hours		
		Fronius DatCom Training	4 Hours		
		Fronius Inverter Training	4 to 8 Hours		
		Fronius Service Provider Certification for Fronius IG Plus	8 Hours		

		Fronius Service Provider Certification for Fronius CL	7 Hours		Moe Mahone: (219)734-5666
HeatSpring Learning	ML* (Online)	Megawatt Design Applies towards: 6 Technical/JTA + 6 Non-Technical + 3 NEC	30 Hours	5/22/2015	Tom McCormack: (800) 393-2044 x66 tmccormack@heatspring.com www.heatspring.com/courses
Hellermann Tyton	ML*	2014 NEC New	1 Hour	2/22/2015	Todd Fries: 414-975-7066 tfries@htamericas.com http://hellermannnyton.us/promo/webinar.aspx
		2011 NEC New Requirements: Article 690 for PV Systems	1 Hour	8/27/2014	
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 dfelix@ironridge.com
		Ballasted Roof Mount 101	.5 Hour		
		Roof Mount Rail System 101	.5 Hour		
Madisonville Community College	ML* (Online)	ENM 100- Energy Industry Fundamentals	3 Hours	6/14/2015	jake.hildebrant@kctcs.edu Jake Hildebrant: 270-883-1160
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 Applies towards: 6 Technical/JTA + 1 NEC + 1 Other	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	7 Hours	6/12/2015	Jenny Heinzen: (715)-592-6595 x.108 Jennyh@midwestrenew.org www.midwestrenew.org/training
		Battery-Based PV Systems	7 Hours	6/12/2015	
		Inspecting PV Systems	4 Hours	6/12/2015	
		Photovoltaic Site Assessment Certificate Applies towards: 6 Technical/JTA + 6 Non-Technical	18 Hours+	1/23/2015	
		PV Training for Code Officials	6 Hours	2/24/2015	

	Applies towards: 6 Technical/JTA or 6 NEC or 6 Non-Technical		
	Firefighter Safety and Renewable Energy Systems Applies towards: 6 Technical/JTA or 6 Non-Technical; + 1 NEC	7 Hours	2/24/2015
	Advancements in PV Applies towards: 6 Technical/JTA or 6 Non-Technical; +1 NEC	7 Hours	2/24/2015
	PV System Design Applies towards: 6 Technical/JTA + 6 Non-Technical + 2 NEC	14 Hours	2/24/2015
	2014 NEC PV Update	4 Hours	5/22/2015

Mike Holt Enterprises	ML*	2011 NEC Requirements for Solar Photovoltaic Systems	8 Hours	10/11/2014	Meghan Roy: (888) 632-2633 meg@mikeholt.com http://www.mikeholt.com/solarceu.php
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
Munro Distributing/Rexel Energy Soluations	ML*	Solar Incentives	3 Hours	1/17/2015	Mikhail Glazomitsky: (508) 536-2913 mikhailg@munroelectric.com
		Applies Towards: 3 Technical/JTA or 3 Non-technical			
		Solar A to Z	3 Hours		
		Applies Towards: 3 Technical/JTA or 3 Non-technical			
Hands on Solar	3 Hours	2/24/2015			
Applies Towards: 3 Technical/JTA or 3 Non-technical					
Selling Solar	3 Hours				
Applies Towards: 3 Technical/JTA or 3 Non-technical					
Oregon Solar Energy Industries Association (OSEIA)	ML*	Solar PV Systems and the 2014 NEC	8 Contact Hours	1/23/2015	Craig Ernst: (503) 853-5804 craig@oseia.org
Applies towards: 6 NEC and 2 Technical/JTA					
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	
Renasola 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

Schneider Electric	ML*	Gride Tied Inverters	8 Hours	4/23/2015	Mr. Jarmo Venalainen jarmo.venalainen@schneider-electric.com www.schneider-electric.com
		Battery Based Inverters	8 Hours	4/23/2015	
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, LLC	ML* (online options)	Decentralized Commercial Applications	5 Hours	8/29/2014	Greg Smith: (916) 625-0870 greg.smith@sma-america.com
		Introduction to SMA Products	3 Hours		
		Stand Alone & Battery Backup Applications	5 Hours		
		SMA System Design & Communciation	5 Hours		
		Residential Applications	5 Hours		
		Battery Backup with and without PV	1 Hour	9/17/2014	
		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		
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
Solar Energy International (SEI)	ML*	PV 202 - Advanced PV System Design and the NEC (Grid Direct)	40-60 Hours	9/23/2014	Chris Smith: (970) 527-7657 ext. 200 csmith@solarenergy.org
		PV 203 -Solar Electric Design Battery-Based	40-60 Hours		

		PV 206 - Solar Business and Technical Sales	40-60 Hours		www.solarenergy.org/continuing-education-begin-today
	Online	CE501: NEC Updates for the Solar Professional	3 Hours	11/26/2014	
	Online	CE502: Starting Your Solar Business	3 Hours		
	Online	CE503: Solar Sales, Marketing and Public Relations	3 Hours		
	Online	CE504: Commercial Sales & Financing Considerations for the Solar Professional	3 Hours		
	Online	CE505: Code Compliant Roof Mounting & Waterproof Flashing	2 Hours		
	Online	CE506: Code Compliant Conductor Sizing for Grid-direct PV Systems	3 Hours		
	Online	CE510: Tips, Tools and Techniques of the Solar Industry	2 Hours		
	Online	CE511: PV O&M Strategies & Techniques	2 Hours		
	Online	CE512: AC Coupling	1 Hour		
	Online	CE513: Rooftop PV What you need to know about Roof Systems	2 Hours		
	Online	CE514: Rooftop PV What you need to know about Building and Fire Codes	2 Hours		
SolarWorld	ML*	SolarWorld 101: Into to PV & SolarWorld Solutions	1 Hour		5/13/2015
	(Online Options)	SolarWorld 201: Intermaeidate Product Training	6 Hours	sarah.freel@solarworldusa.com	
		SolarWorld 301: Design & Installation Training	14 Hours		

		Applies toward: 6 JTA, 6 Other, 2 NEC			
Solectria Renewables	ML* (Online Options)	PV Fundamentals	1 Hour	5/2/2015	Natalie Holtgreffe: 781-640-0755 natalie.holtgreffe@solectria.com
		Medium Voltage PV Systems & Solectria Solutions	2 Hours		
		Commercial Design Considerations & Solectria Solutions	3 Hours		
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
Stion	ML*	Better Performance with CIGS Thinfilm Modules	3 Hours	5/29/2015	Joshua Moore: (408) 284-8837 jmoore@stion.com
Suniva	ML*	Suniva Product Training	1 Hour	3/3/2015	wwilliams@suniva.com Wesley Williams: (770) 709-5346
Thames Solar Electric	ML* Online Options	NABCEP Test Prep Class Applies toward 6 Technical/JTA + 6 Non-Technical + 4 NEC	16 Hours	3/6/2015	thamesolar@earthlink.net Donna Wedemeyer: (303) 922-2063 Virginia Thompson: (303) 936-9377
		40-Hour Advanced PV Class Applies toward 6 Technical/JTA + 6 Non-Technical + 6 NEC	40 Hours		
		3-Day PV Class Applies toward 6 Technical/JTA + 6 Non-Technical + 6 NEC	24 Hours		
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	2 Hours	7/27/2014	
Accelerated Performance Institute	AZ	PVS250: PV Technical Sales	40 Hours	6/22/2014	Alix Monty: (408) 446-0400 alix@erenwableresource.com www.erenwableresource.com
CertainTeed Solar	AZ	Installing Apollo II PV Shingles	1.5 Hours	1/16/2015	Katy Collardson: (928) 637-3278 katy.collardson@saint-gobain.com

Schletter Inc	AZ	Installation of Large Commercial & Utility-Scale Solar Mounting Systems	1 Hours	6/13/2015	Wolfgang Fritz: (520) 289-8700, or Angela Kleiver (520) 289-8700 wolfgang.fritz@schletter.us
		Layout Software for Large Commercial & Utility Scale PV Systems	1 Hour	2/21/2015	Angela.kliever@schletter.us
		Flush Mount Systems: Design and Product Applications	1 Hour		
		Design and Installation of Large Commercial & Utility Solar Mounting Systems	3 Hours		
Ambassador Energy, Inc	CA	Advanced PV Design and Installation	18 Hours	3/14/2015	Catherine Kelso: (866) 586-1840 kelso@ambassadorenergy.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
ISA Corporation	CA	Commercial Building Evaluation for Solar Installation	1.5 Hours	1/23/2015	tzante@isa-corporation.com Tony Zante: (510) 324-3755

SMA America, Inc.	CA	Grid-tie Battery Back-up Systems	3 Hours	1/18/2015	Antonio Gomez: (916) 625-0870 www.sma-america.com/solaracademy Antonio.Gomez@sma-america.com
SunEdison	CA	Fundamentals of PV Systems Installation Applies Toward: 6 Technical/JTA and 6 Non-Technical/Other	12 Hours	2/26/2015	Mark Mrohs: 510-456-7219 mmrohs@sunedison.com
		Echo Solar Hybrid System Installation Applies Toward: 6 Technical/JTA and 6 Non-Technical/Other	12 Hours		
Sun Pirate, Inc.	CA (Online)	Photovoltaic System Design & Installation (<u>Web-based instructor mentored- 15 weekly lesson</u>)	60 Hours	9/27/2014	Roger Coghlan: (707) 792-6929 Sunpirate@mindspring.com www.sunpirate.com/solar-training-course.html
Tigo Energy, Inc.	CA	Tigo Energy System Design and Installation	3 Hours	6/22/2014	Daniel Roberts: (408) 402-0802 x.431 daniel.roberts@tigoenergy.com
Mage Solar Academy	GA	Fundamentals of Solar Business and Technical Sales	8 Hours	4/2/2014	Amber Foskey (478) 609-6751 msa@matesolar.com
		PV Field Inspectors 302	8 Hours	6/21/2014	www.matesolaracademy.com

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		
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@illinoisolar.org
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
Stahlin Enclosures	MI	SpecTech: Materials & Enclosures	12 Hours	8/2/2014	Roger Schroder: 616-794-0700 Rschroder@stahlin.com
Minneapolis Electrical JATC	MN	PV Solar with Energy Storage	8 Hours	10/22/2014	datkins@mplsiatc.org Derrick Atkins: 763-497-0072
Saint Paul College	MN	National Electric Code for Solar	8 Hours	10/19/2014	cheryl.beaumier@saintpaul.edu Cheryl Beaumier: 651-846-1438
		PV Solar with Energy Storage	8 Hours		
St. Louis Community College	MO	Advanced PV Sizing & Electrical Design	16 Hours	6/12/2014	Jeff Foster: (314) 513-4607 jfoster152@stlcc.edu
Warshauer Electric Supply	NJ	Solar PV Fundamentals, Design & Inspection Responsibilities	5 Hours	10/9/2014	Kennie Marie Fried: 732-741-6400 kmf@warshauer.com
Electrical Training Center, Inc.	NY	Photovoltaic Simplified	8 Hours	6/8/2015	Sal Ferrara: (631) 226-8021 info@electricaltrainingcenterli.com http://electricaltrainingcenterli.com/index.php?option=com_content&view=article&id=73&Itemid=68 This class does not address the JTA, & only
		Electrical Calculations	8 Hours	2/20/2015	
		NEC Code Changes	8 Hours		
		OSHA 10 - Outreach Training for Construction Electricians	10 Hours		
		SOARES Grounding & Bonding	8 Hours		
		Master Electrician License	24 Hours		

		Preparation			transfers to 12 CE (NEC and Non-technical/Other Categories)
Nextronex, Inc.	OH	Nextronex Certified Technician Training	8 Hours	10/9/2014	Peter Gerhardinger: (419) 206-6931 Peterg@nextronex.com www.nextronex.com
Morningstar Corporation	PA	Tristar MPPT Solar Charge Controller Training	1.5 Hours	10/7/2014	Brad Berwald: (215) 321-4457 Bberwald@morningstarcorp.com www.morningstarcorp.com/en/news-item
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
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
OutBack Power Systems	WA	OutBack Certificate Training Applies Towards: 6 Technical/JTA +6 Non-Technical/Other	34 Hours	12/7/2014	Mark Cerasuolo: (360) 435-6030 mcerasuolo@outbackpower.com