



Clean Energy Workforce Development Resources for States

Example State Programs / Activities

Iowa	
Workforce Training and Economic	http://coolice.legis.state.ia.us/Cool-
Development Fund (H.F. 927)	ICE/default.asp?Category=billinfo&Service=Billbook&frame=1&GA=8
	2&hbill=HF927
New Jobs Training Program	http://iwcc.cc.ia.us/ewd/260e.asp
New Mexico	
Green Jobs Cabinet	http://www.governor.state.nm.us/press.php?id=1042
New York	
NYSERDA Workforce Training	http://www.powernaturally.org/
Initiative	
North Carolina	
Green Business Fund (H.B. 1473)	http://www.ncleg.net/gascripts/BillLookUp/BillLookUp.pl?Session=200 7&BillID=H1473
	http://www.ncscienceandtechnology.com/gbf/index.htm
Oregon	
Sustainable Workforce Initiative	http://www.3estrategies.org/BASE/SustainableOregonWorkforce.asp
Vermont	
Sustainable Jobs Fund	http://www.vsjf.org/
Washington	
Renewable Energy Apprenticeship	http://www.secstate.wa.gov/elections/initiatives/text/I937.pdf
Multiple States	
State-reported activities, collected by NARUC (January 2009)	http://www.naruc.org/Publications/Energy%20Efficiency%20Training% 20-%20NARUC%20Survey%20Results.pdf
Article providing examples of programs around the country (January 2009)	http://www.dallasnews.com/sharedcontent/dws/bus/stories/010409dnnat greenjobs.2124064.html
Article providing a snapshot of initiatives to develop and train solar installers in the Northeast (Spring 2008)	http://www.nesea.org/uploads/textWidget/876.00010/documents/nesea- sun_sp08_Building_Workforce.pdf
Greener Pathways: Jobs and Workforce Development in the Clean Energy Economy (2008)	http://www.cows.org/pdf/rp-greenerpathways.pdf





Example Local Government Programs/Activities

Boston	
"Green Collar" Jobs Program	http://www.cityofboston.gov/news/default.aspx?dept=55
Chicago	
Chicagoland Green-Collar Jobs Initiative	http://www.greencollarchicago.org/
Los Angeles	
The LA Infrastructure and Sustainable Jobs Collaborative	http://www.lattc.edu/dept/lattc/REDI/Utility.html
Green Jobs: Los Angeles Apollo Alliance	http://www.scopela.org/
Oakland	
Oakland Green Jobs Corps	http://www.ellabakercenter.org/index.php?p=gcjc_green_jobs_corps_gre enlight
Richmond	
Richmond BUILD Pre- Apprenticeship Construction Skills & Solar Installation Training	http://www.ci.richmond.ca.us/index.asp?NID=1243
Multiple Cities	
Green-Collar Jobs in America's Cities: Building Pathways Out of Poverty and Careers in the Clean Energy Economy (2008)	http://www.apolloalliance.org/downloads/greencollarjobs.pdf

Examples of Recent State Legislation

Colorado	
Green Jobs Legislation (HB 1025)	http://www.leg.state.co.us/CLICS/CLICS2008A/csl.nsf/fsbillcont3/7DC A9D63A44957D08725737F00732CD3?Open&file=1025_enr.pdf
Kentucky	<u>A9D65A44957D08725757F00752CD5?Open&me=1025_enr.pdi</u>
Energy Technology Career Track Program (H.B. 2)	http://www.lrc.ky.gov/RECORD/08RS/HB2.htm
Maryland	
Maryland Strategic Energy Investment Fund (H.B. 368)	http://mlis.state.md.us/2008rs/bills/hb/hb0368e.pdf
Massachusetts	
Green Jobs Act (H.B. 5018)	http://www.mass.gov/legis/bills/house/185/ht05pdf/ht05018.pdf
Michigan	
Centers of Energy Excellence Program (S.B. 1380)	http://www.legislature.mi.gov/documents/2007- 2008/publicact/pdf/2008-PA-0175.pdf



EPA's State Climate and Energy Technical Forum Clean Energy Workforce Development: Growing Green Jobs to Achieve Climate and Energy Goals February 24, 2009



Minnesota	
Green Jobs Task Force (S.F. 3096)	https://www.revisor.leg.state.mn.us/bin/bldbill.php?bill=S3096.3.html&s
	ession=ls85
Ohio	
	http://www.legislature.state.oh.us/bills.cfm?ID=127_SB_221
221)	
Vermont	
Green Job Legislation (H.B. 885)	http://www.leg.state.vt.us/docs/legdoc.cfm?URL=/docs/2008/acts/ACT1
	82.HTM
Washington	
Green Job Legislation (S.B. 6516)	http://apps.leg.wa.gov/billinfo/summary.aspx?bill=6516&year=2007

State Assessments of Green Jobs Potential

Minnesota	
MN Green Jobs Task Force Draft Action Plan (January 2009)	http://www.mngreenjobs.com/
New York	
Working Group VII – Workforce Training and Development	http://www.dps.state.ny.us/07M0548_Working_groups_phase2.htm
<i>Scope, Task, and Schedule</i> (August 2008)	
Oregon	
An Analysis of Clean Energy Workforce Needs and Programs in Oregon (May 2008)	http://www.worksourceoregon.org/index.php/component/docman/doc_d etails/734-analysis-of-clean-energy-workforce-needs-and-programs-in- oregon
Tennessee	
Growing Green: The Potential for Green Job Growth in Tennessee (November 2008)	http://www.state.tn.us/labor- wfd/Publications/EmploymentSecurity/GrowingGreenInTN2008.pdf
Washington State	
2008 Washington State Green Economy Jobs (February 2009)	http://energy.wsu.edu/documents/Green_Jobs_Report_2008.pdf

National Assessments of Green Jobs Potential

EESI Summary of Green Jobs Potential Studies	
Jobs from Renewable Energy and	Factsheet that catalogs numerous studies of the number of jobs that could
Energy Efficiency (October 2008)	be created through energy efficiency and renewable energy policies by
	location, scope, and technology:
	http://www.eesi.org/files/green_jobs_factsheet_102208.pdf



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American Solar Energy Society (ASES)	
<i>Green Collar Jobs Report</i> (January 2009)	Report that describes results from a study that attempted to comprehensively estimate the size and scope of the renewable energy and energy efficiency industries and their potential for growth: www.ases.org/greenjobs
Center for American Progress	
Green Recovery (September 2008)	Report demonstrates how a green recovery program that spends \$100 billion over two years would create 2 million new jobs. <i>Includes state-by-state fact sheets and tables</i> listing types of jobs that would be needed in each sector: http://www.americanprogress.org/issues/2008/09/green_recovery.html

Federal Resources for States

Basic Workforce Development Inf	formation and Resources
U.S. DOL Workforce Professionals Home Page	First stop for numerous resources, tools, updates, and links intended to assist the nation's workforce professionals in serving the needs of workers and business: <u>http://www.doleta.gov/USWORKFORCE/</u>
U.S. DOL Industry/Employers Workforce Home Page	First stop for understanding the public workforce system; how it can help meet business/economic development objectives; how to get involved in one's own region: <u>http://www.doleta.gov/business/</u>
National Registered Apprenticeship Program	
Select Department of Labor Gran	t Programs
Community-Based Job Training Grants WIRED Grants	The primary purpose of Community-Based Job Training Grants is to build the capacity of community colleges to train workers in the skills required to succeed in high growth, high demand industries. This competitive grant program builds on the High Growth Job Training Initiative, a national model for demand-driven workforce development implemented by strategic partnerships among the workforce investment system, employers, and community colleges: http://www.doleta.gov/Business/Community- BasedJobTrainingGrants.cfm
WIRED Grants	WIRED goes beyond traditional strategies for worker preparation by bringing together state, local and federal entities; academic institutions (including K-12, community colleges and universities); investment groups; foundations; and business and industry to address the challenges associated with building a globally competitive and prepared workforce: http://www.doleta.gov/wired/
Technical Resources	
Industry and Labor Market Statistics	www.doleta.gov/programs/sources.cfm
Occupational competency models	Competency models (industry-verified knowledge, skills, and experience) for various sectors/skills by occupation: http://www.careeronestop.org/competencymodel/



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Standard Occupational Classification (SOC) system codes	SOC is used by federal and state agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data: <u>http://www.bls.gov/SOC/</u>
	Home Performance with ENERGY STAR, a national program from the U.S. EPA and U.S. DOE, offers a comprehensive, whole-house approach to improving energy efficiency and comfort at home, while helping to protect the environment: http://www.energystar.gov/index.cfm?c=home_improvement.hm_improvement_hpwes
The Green Jobs Act of 2007	
See Title X	http://frwebgate.access.gpo.gov/cgi- bin/getdoc.cgi?dbname=110_cong_bills&docid=f:h6enr.txt.pdf
The American Recovery and Reinvestment Act of 2009	
See Title VIII	http://thomas.loc.gov/cgi-bin/query/z?c111:H.R.1.enr:

Non-Governmental Resources for States

Technical Resources	Technical Resources	
Inspector Guidelines for PV Systems (March 2006)	Renewable Energy Technology Analysis Project of the Pace University Law School Energy Project: http://www.irecusa.org/fileadmin/user_upload/NationalOutreachPubs/Ins pectorGuidelines-Version2.1.pdf	
Building Performance Institute (BPI)	Certifies building contractors: <u>http://www.bpi.org</u>	
Residential Energy Services Network (RESNET®)	Certifies building raters: <u>http://www.natresnet.org</u>	
North American Board of Certified Energy Practitioners (NABCEP)	Certifies renewable energy professionals: <u>http://www.nabcep.org</u>	
Education / Training Resources		
Going Green: The Vital Role of Community Colleges in Building a Sustainable Future and Green Workforce (February 2009) Interstate Renewable Energy Council's (IREC's) Renewable Energy Training Best Practices & Recommended Guidelines	http://www.aed.org/News/Releases/going_green.cfm http://www.irecusa.org/fileadmin/user_upload/WorkforceDevelopmentD ocs/Training-BestPractices_Sept_2008_FINAL.pdf	
(September 2008) Conference: New Ideas in		
Educating a Workforce in Renewable Energy and Energy Efficiency (March 2008)	Sessions dealt with market trends, economic drivers, instructional strategies, curricula development, and best practices for training in the renewable energy and energy efficiency fields. Conference presentations: http://www.irecusa.org/index.php?id=117	



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Institute (ANSI) / International	Accredits training providers: http://www.ansi.org/conformity_assessment/personnel_certification/over view.aspx
Institute for Sustainable Power Quality (ISPQ)	Accredits training providers: <u>http://www.ispqusa.org</u>