

Green Jobs

US Department of Labor Employment and Training
Administration

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Employment and Training Administration

To contribute to the more efficient functioning of the U.S. labor market by providing high quality job training, employment, labor market information, and income maintenance services primarily through state and local workforce development systems.



Funding Opportunities Past

American Recovery and Reinvestment Act (ARRA)

- **Nation wide there were 500 Million dollars awarded in Green Jobs Grants – Types:**

State Labor Market Information Improvement
Capacity Building

State Energy Sector Partnership and Training

Pathways out of Poverty

Energy Training Partnership



Green Jobs Grants Award in Massachusetts

- MA received \$8,728,067 Directly
- MA shared indirectly in an additional \$8,993,845
- See Grant Fact Sheet for list of grants



Funding Opportunities Future

- President's 2011 Budget through the Workforce Investment Act includes 40 Million Dollars for Green Innovation Grants
- Solicitation/s out late fall – grants.gov

- Solicitation for Grant Applications (SGA)

SGA Tool Kit

http://www.workforce3one.org/page/grants_toolkit

Green Job Myths

Green Jobs Are . . .

- New
- Abundant
- Easy To Get

What are “Green Jobs”?

- No standard definition
- Most are not new jobs, but **traditional jobs** with a “green” focus

A Better Question: Which Green Jobs Are Likely to Have Job Openings?

- **Energy** sectors have high growth potential



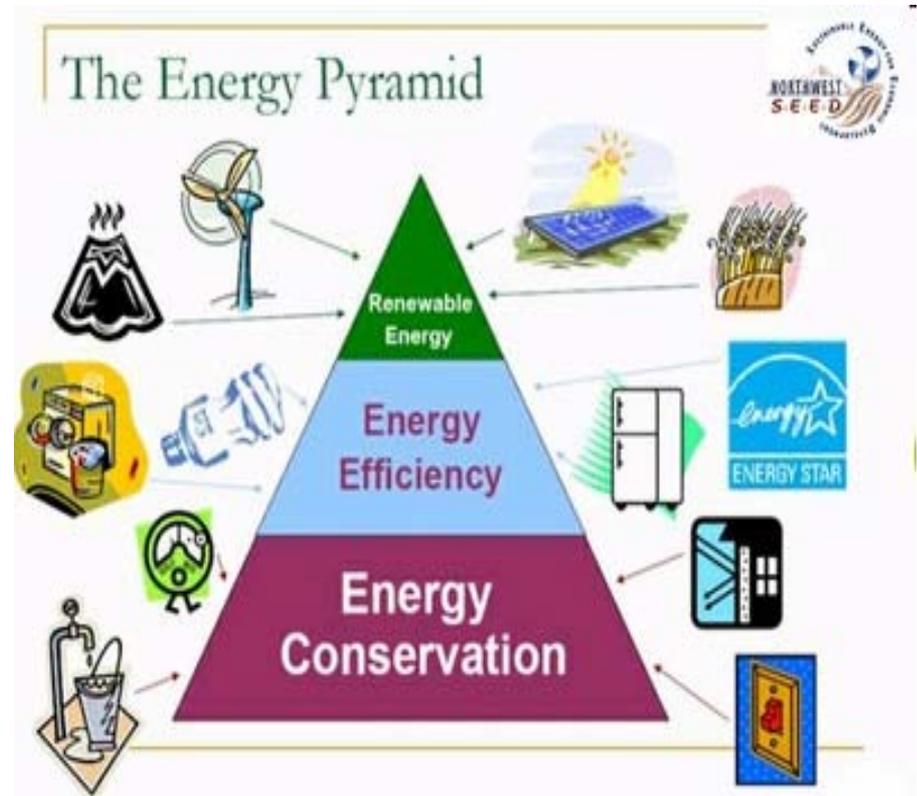
Sectors of Green

Energy Efficiency/ Conservation

- Residential Weatherization
- Commercial and Industrial Retrofits

Renewable/Sustainable Energy

- Renewable: Solar, Wind, Biomass, Biofuel, Geothermal
- Sustainable: Hydrogen, Nuclear, Co-Generation



Energy Efficiency Means Buildings

TYPES OF WORK

- Systems – heating, plumbing, electrical, lighting
- Auditing
- Insulating (air sealing)

TYPES OF BUILDINGS

- Commercial
- Institutional
- Multi-Family Residential
- Non-Multi-Family Residential

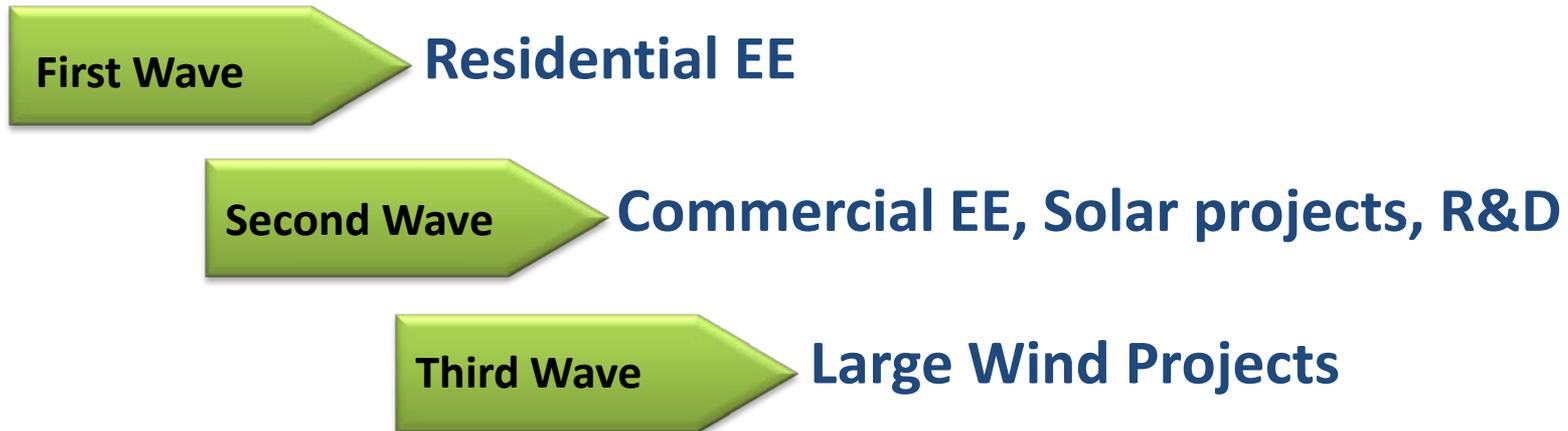
What Are the Actual Jobs?

Job Type	Description	Requirements	Approx. Wage
Auditor	Lead Home Energy Audit, often double as crew chief	Specific Experience Required-Certification Preferred (BPI/HERS)	\$20-25 plus benefits
Installer	Air sealing and Insulation Installation	General experience preferred	\$15 – 18 plus benefits
HVAC	Heating system repairs and replacements	HVAC Certification	\$18-30 plus benefits
Support	Customer Service and Sales Office Support and Administration	Same as general workforce depending on position	

Green Certifications

	Certification	Agency	Notes
	Building Performance Institute (BPI)	same	Several different types and levels Preferred in auditing field Leading candidate for standard certification in MA
	Leadership in Energy and Environmental Design (LEED)	United States Green Building Council (USGBC)	More related to commercial construction Required in certain City developments (green zoning)
	Home Energy Rater (HERS Rater)	Residential Energy Services Network (RESNET)	Ally/competitor to BPI Professional organization with a developed rating system

When Will The Jobs Be Here?



What Skills and Credentials are Important for Green Jobs

- Because green jobs are traditional jobs, employers care first about **traditional job skills** (electrician, insulator, carpenter, engineer)
- A **green credential** is sometimes, but not always, required
- **Multiple competing green credentials exist** – reflects the state of standards-setting in EE and RE industries.
- Employers and, increasingly, government agencies, set standards for credentials, which can **vary from region to region.**



Helping Jobseekers Find High Quality Green Job Training

Step 1: Understand Local Labor Market Demand

KEY QUESTIONS

- What green jobs are available now?
- Which jobs do employers and energy policy officials expect to grow most & when?
- Which credentials are sought by employers and government funders
- Are there opportunities to provide custom pre-employment training for local employers?

INFORMATION SOURCES

- Labor Market Information Data (limited)
- Employer surveys
- Discussions with employers and government officials

Helping Jobseekers Find High Quality Green Job Training

Step 2: Ask Questions of Training & Education Providers

State policymakers, job counselors, and jobseekers should ask key questions of providers:

Program Quality & Labor Market Relevance

- What job(s) will training prepare students to fill? What credential is offered?
- Is there evidence of demand for these jobs? For the credential?
- Does the program have formal partnerships with employers to improve or guarantee placement after training?
- Will this course be sufficient to qualify participants for jobs? Does it prepare workers for a career ladder? Is it connected to higher level training, if applicable?
- What is the employment rate of those who complete the course? Are they working in this field?
- Does the credential align with existing or planned credential requirements imposed by government funding agencies?

Helping Jobseekers Find High Quality Green Job Training

Step 2: Ask Questions of Training & Education Providers (Cont'd)

State policymakers, job counselors, and jobseekers should ask key questions of providers:

Training Provider Quality

- Is the provider licensed and accredited in your state? (If not on the ETPL)
- Is the provider accredited or approved by the credential developer to teach the course (Not a requirement for good training, but provides better assurances)
- Does the provider have a history of offering programs that result in high placement rates ?

Recommendations for Workforce Professionals

- ✓ Consider stricter standards for funding training providers
- ✓ Require better inventories of existing training programs to address gaps
- ✓ Look for high quality partnerships with employers that include hiring agreements and access to career ladders/lattices.
- ✓ Build tools that provide program funders, counselors, and jobseekers with better information on **demand as it evolves (continuous feedback)**

Key Conclusions

- Green Jobs are **traditional Jobs** with a green focus – sometimes, but not always, they require a **green layer** of knowledge and skill
- For the near to mid-term future, much **green job creation will be tied to public spending and will be focused in RE and EE sectors.**
- New interest in and funding for green training has caused a boom in training development
- **Lack of regulation is leading to wide variation** in program and provider quality
- Job counselors and job seekers **need better information on the connections between training and job availability to make informed choices.**

Additional Resources and Contact Information

Additional Resources on Green Jobs:

USDOL Bureau of Labor Statistics Measuring Green Jobs: www.bls.gov/green/home.htm

Green Job Search: <http://greenjobs.greenjobsearch.org>

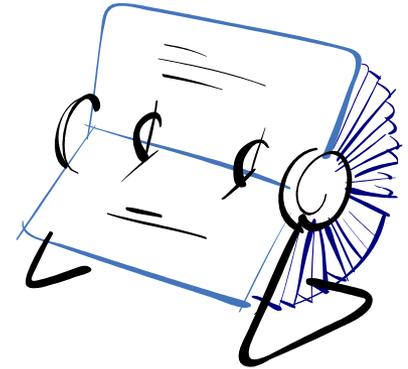
Funding Opportunities: www.grants.gov

DOL/ETA Website: www.doleta.gov

Recovery Website: www.recovery.gov

Source for workforce information and products:
www.workforce3one.org

Contact Info



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