

Energy Efficiency Portfolio Standard: Working Group VII – Workforce Development and Training

Prepared for the Public Service Commission
Meeting, Monday, November 3, 2008

EEPS Order

- Issued on June 23, 2008
 - Case 07-M-0548 Proceeding on the Motion of the Commission Regarding an Energy Efficiency Portfolio Standard (June 23, 2008)
- Workforce Development and Training identified as a critical path issue on July 3, 2008
 - Created Working Group VII to address this issue
 - Examine rapid development and expansion of the energy efficiency workforce including apprenticeship programs, higher education curricula, and related measures
- Working Group Co-Conveners
 - Adele Ferranti, NYSERDA
 - Anthony Joseph, NYSDOL
 - Carlene Pacholczak, NYSDPS

Active Working Group Members

ACENY

AEA

Alfred State College

Central Hudson

Con Edison

CSG

CUNY

CWF

Earth Kind Energy

National Grid

NYCEDC

NYECC

NYSEG/RGE

NYSERDA

NYSDOL

Siemens

WDINY

Work Plan

- Meetings
 - The group met weekly, primarily via conference call, and held two in-person meetings with video conferencing
- Work Plan -- Gave special attention to addressing:
 - Barriers / bottlenecks that prevent the market from producing the requisite workforce development activities
 - Justification for why public funds should be used to mitigate market barriers
 - Evaluation, measurement, and verification of the benefits of public investment in workforce development

Work Plan

Elements of the Work Plan included:

- Survey and review the existing energy efficiency training programs, focusing on initiatives of NYSERDA
- Identify proven best practices and assess expansion needs to meet the “fast track” programs approved by Commission
- Labor market assessment to identify the labor supply and labor demand necessary to deploy the EEPS programs
- Address how workforce development programs should be funded, and determine appropriate level of funding
- Identify set of recommendations

Workforce Development & Training Strategy

Includes:

- 8 key elements; and
- 6 recommendations to implement key elements.

Key Elements

- Comprehensive Training Initiatives
- Promoting National Certifications and Standards
- Career Pathways
- Engaging Disadvantaged Communities
- Internships and Apprenticeships
- Professional Development and Continuing Education
- Marketing
- Evaluation, Measurement and Verification

Workforce Development & Training Strategy

Recommends \$22.3 million in EEPS funding over the three-year period 2009-2011.

- \$16.3 million – Implementation of the NYSERDA proposal.
- \$6 million – Energy efficiency skills training for low income populations.

Also leverages \$11 million in NYSDOL resources associated with the Workforce New York One-Stop System.

- Reflects a partnership with the State's lead workforce development agency.
- Therefore, also brings to bear assets of the Workforce New York One-Stop system. This Includes:

NYSDOL Partnership

Partnerships

- State Workforce Investment Board – executive level membership from key industries and State agencies.
- 33 Local Workforce Investment Areas.

Services

- Occupational skills development and training, job-matching and other labor-related services.

Funding

- Federal – Workforce Investment Act and Wagner-Peyser Act.
- State – Reemployment Services and Registered Apprenticeship.

NYSDOL Partnership

Facilities

- 79 One-Stop Centers (physical facilities) located across the state where services are delivered.

Labor Exchange

- New York State's Job Exchange (NYSJE) – The States' public labor exchange website. (www.americasjobexchange.com/ny#)

Labor Market Information

- NYSDOL is the premier source for the most current and accurate labor market information in the state.

NYSDOL Partnership

Talent Inventory

- Access to over 600,000 workers a year possessing a wide range of occupational skills across most industries.

Training Inventory

- A statewide web-based inventory of occupational skills development and training programs.

New York State Apprenticeship

- National training system that combines paid on-the-job learning and related instruction in an occupation.

Recommendations

1. Approve and fund the NYSERDA 90-day proposal.
2. Develop and provide energy efficiency skills training to low income populations
3. Workforce development and training under the EEPS should be addressed through a statewide strategy
4. An assessment of the contribution of workforce development and training activities to energy savings should be included in program evaluation, measurement and verification, where appropriate, for all programs funded by the EEPS

Recommendations

5. Contractors, system designers and building operators should be able to:

Demonstrate they have the technical knowledge and skills to properly design and install systems and measures, to manufacturer specifications and industry “best practices” to maximize performance

Similarly, end users should be able to:

Demonstrate they have the knowledge and skills, to operate and maintain systems to maximize operating life

6. New York State’s Job Exchange should be enhanced to facilitate representation, posting and classification of the jobs necessary to support the EEPS throughout the state

Thank you