

New Jersey Energy Master Plan

Green Jobs Fact Sheet

What is a Green Job?

Green jobs involve environmentally friendly products and services or businesses and organizations that concern themselves with improving the environment.

How Will the Energy Master Plan Generate Green Jobs?

Meeting the 2008 New Jersey Energy Master Plan's aggressive targets for energy efficiency, renewable energy, demand response, and new generation will require green jobs in sectors such as solar manufacturing, energy auditing, HVAC installation, and smart grid technology installations as well as design, manufacture, installation, operation, and/or maintenance of new renewable energy and energy efficiency technologies.

How Does the EMP Prepare New Jersey for 'Green Collar' job growth?

- Expand efforts that encourage the development of clean energy technologies by expanding the Edison Innovation Fund to invest in innovative clean energy technologies and provide support to business incubators that support clean energy business development.
- Develop timely and industry recognized job training programs to ensure that sufficient numbers of New Jersey workers have the skills demanded by industry to fill the jobs that are created from the action items in this Energy Master Plan.
- Establish the Energy Institute of New Jersey to support the basic and applied energy research efforts at the colleges and universities in the State.
- The Department of Labor has formed an Industry Workforce Advisory Council (IWAC) to convene senior human resources representatives from the energy sector with the State's agencies working on workforce development, higher education, and training programs.

How Many Green Jobs Can We Expect in NJ?

The \$33 billion of investment into the NJ energy infrastructure stemming from the 2008 EMP is estimated to result in the creation of over 20,000 jobs between now and 2020. At peak creation, approximately 8,300 will come from installation and construction jobs; another 7,400 in operations and maintenance jobs and over 4,000 in ancillary jobs.

What types of green jobs will be created to achieve the EMP goals?

There are two main types of jobs included in the assumptions: One-Time, 12-month installation jobs, including construction; and Annual (permanent) operation and maintenance jobs, including plant maintenance, energy efficiency audits, and energy efficiency installations. These jobs include: Solar manufacturing; Energy audit contractors; HVAC installers; Smart grid technology installations, and many more.