

# CLEAN JOBS NEW JERSEY



## NEW JERSEY CLEAN ENERGY

### A Vision for Job Growth

From New Jersey's huge solar resources to its burgeoning energy efficiency sector, clean energy is a big – and growing – part of the Garden State's economy. A total of 52,000 workers are employed in the electric generation and energy efficiency sectors in New Jersey, and 41,000, or 79%, work in clean energy jobs.

## RENEWABLE ENERGY

### Solar and Wind Jobs

According to the U.S. Department of Energy's 2017 Energy and Employment Report, **about 9,739 New Jersey residents now work in solar and wind electricity generation alone. That's about three times as many in-state jobs as natural gas and coal generation – combined.** This number includes **9,239** workers in solar electric generation and **500** workers in wind electric generation.

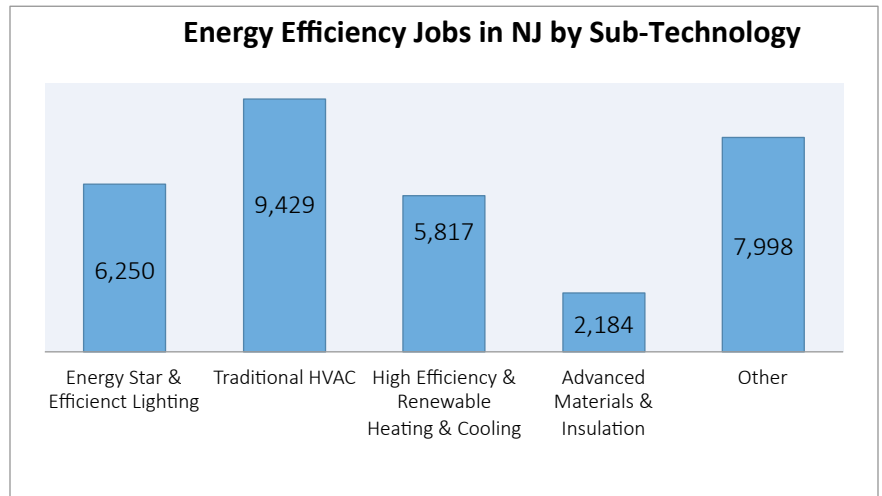
According to The Solar Foundation (2017), the **Top 10 solar counties** in New Jersey are: Monmouth, Bergen, Middlesex, Morris, Essex, Union, Ocean, Hudson, Passaic and Somerset.

The majority of solar jobs in New Jersey are in installation.

## ENERGY EFFICIENCY

### The Leading Source of Employment

By far the biggest part of New Jersey's clean energy sector is energy efficiency. **About 31,679 New Jersey residents work in energy efficiency, according to U.S. Department of Energy statistics (2017).** These include workers who may manufacture EnergyStar appliances; make and distribute energy-sipping LED lighting systems; and build and install more efficient heating, ventilation and air conditioning (HVAC) systems to reduce wasted energy – and costs – at your schools, office buildings and homes. In fact, **64 percent of energy efficiency jobs are in construction.**

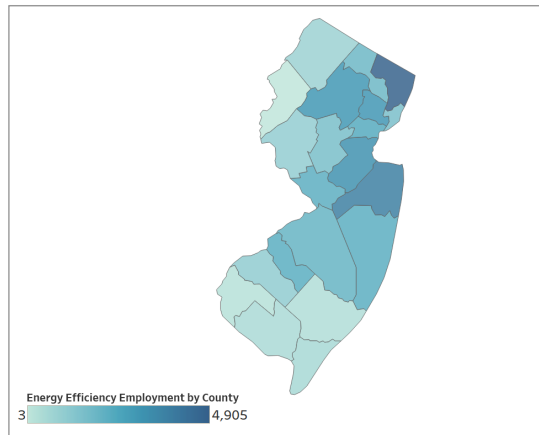


## ENERGY EFFICIENCY

# Everywhere in New Jersey

According to E2's "Energy Efficiency Jobs in America" report (2016), energy efficiency jobs are spread across every part of the state, in every county and congressional district.

County	Energy Efficiency Employment
Bergen County	4,905
Monmouth County	3,837
Middlesex County	3,205
Essex County	3,061
Morris County	3,034
Union County	2,336
Camden County	2,228
Ocean County	2,218
Mercer County	2,202
Burlington County	1,999



Congressional District	Energy Efficiency Employment
1	3,255
2	1,797
3	3,704
4	4,039
5	4,252
6	2,754
7	5,883
8	2,774
9	2,920
10	1,156
11	3,677
12	2,169

## CLEAN VEHICLES

# Driving Additional Job Growth

According to the U.S. Department of Energy, there are **259,000 clean vehicles jobs across the country**. These are in industries including hybrid electric vehicles, plug-in hybrids, EVs, natural gas vehicles and hydrogen & fuel cell vehicles.

With New Jersey's largest single-source of carbon emissions coming from the transportation sector, the state has an opportunity to create jobs and reduce pollution by building out more EV infrastructure.

## THE MILITARY

# Clean Energy Leaders

The military is leading the way on clean energy all across the country – including New Jersey. For example, at Joint Military Base McGuire-Dix-Lakehurst in Burlington County, ground was broken in December 2016 on a major 16.5 MW solar project that will install 50,000 solar panels on a capped landfill. Additionally, 120

jobs were announced in 2013 as part of a \$35 million project to install solar panels on the base's privately owned and managed housing units.

