

New Jersey

Energy Efficiency Jobs in America

36,332

Total Jobs

What are EE Jobs?

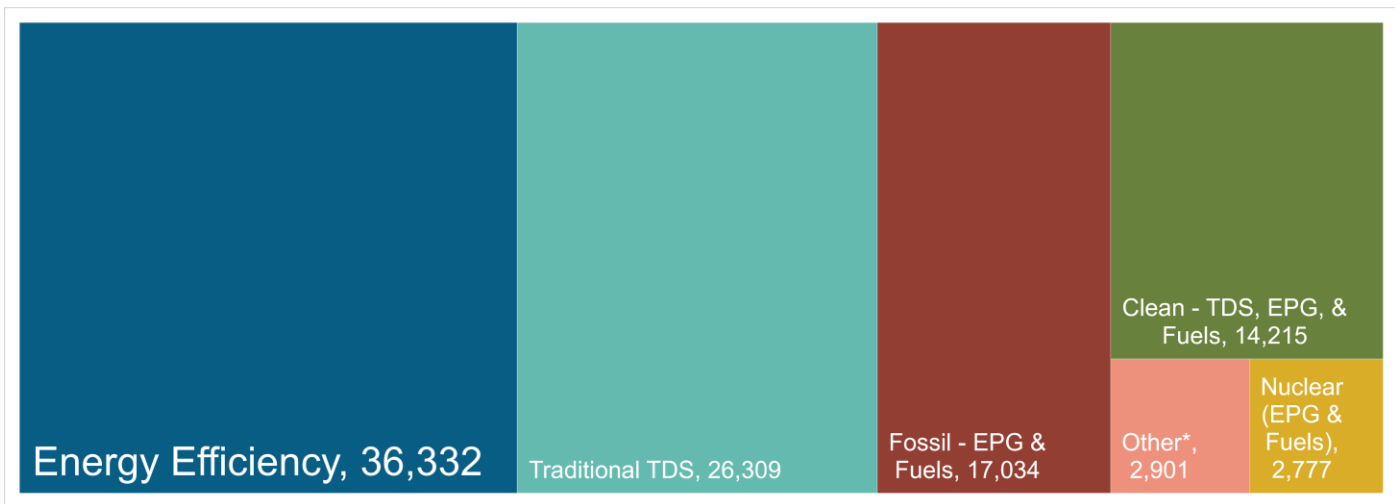
Jobs that deliver goods and services that lower energy use by improving energy efficiency – with a focus on appliances, buildings, data systems, financing, new technologies, and more.

What do EE workers do?

- **Manufacture and install** high efficiency systems, controls, windows, insulation and ENERGY STAR-certified appliances and products in existing and new homes, commercial & industrial buildings.
- **Design and construct** high performance buildings such as those earning LEED certification.
- **Upgrade and repair** heating, air conditioning and ventilation (HVAC) and water heating equipment.
- **Educate** property owners and managers on building improvements to unlock savings for businesses, homeowners, schools, states, municipalities, military bases and more.
- **Analyze building data** using software to maximize energy savings through targeted performance improvements and behavioral changes.
- **Review and approve loans** to finance energy savings performance contracts to improve the comfort, health and operational costs of buildings.

How does EE compare in New Jersey?

Energy Efficiency is the largest energy sector in New Jersey.



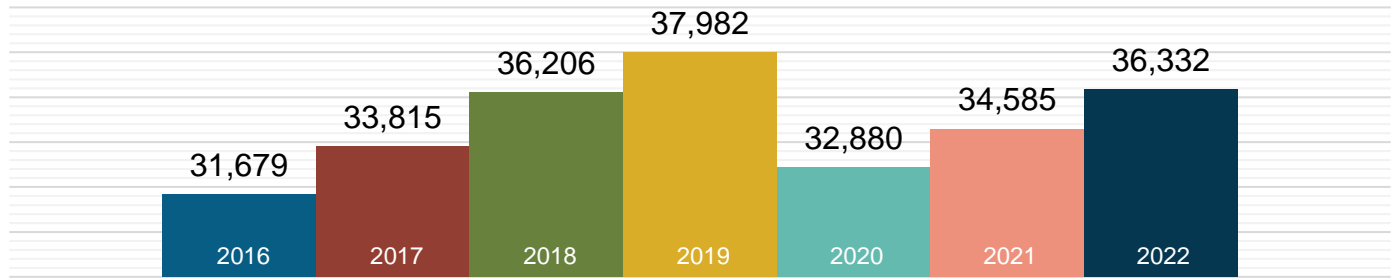
TDS = Transmission, Distribution & Storage

EPG = Electric Power Generation

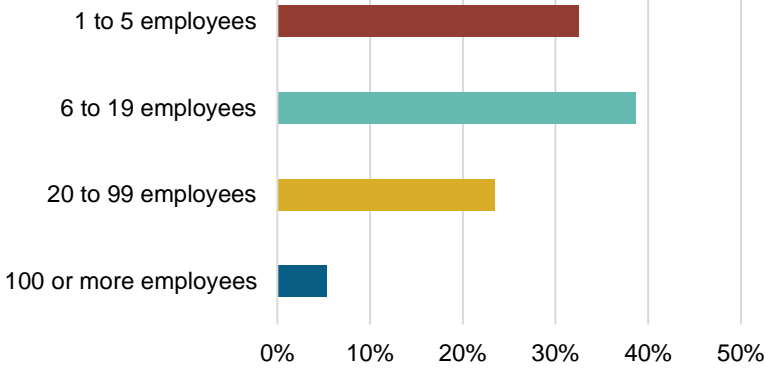
*Includes other energy subsectors such as corn ethanol, woody biomass, large hydropower, and others.

What does EE look like in New Jersey?

EE Workers Employed in NJ



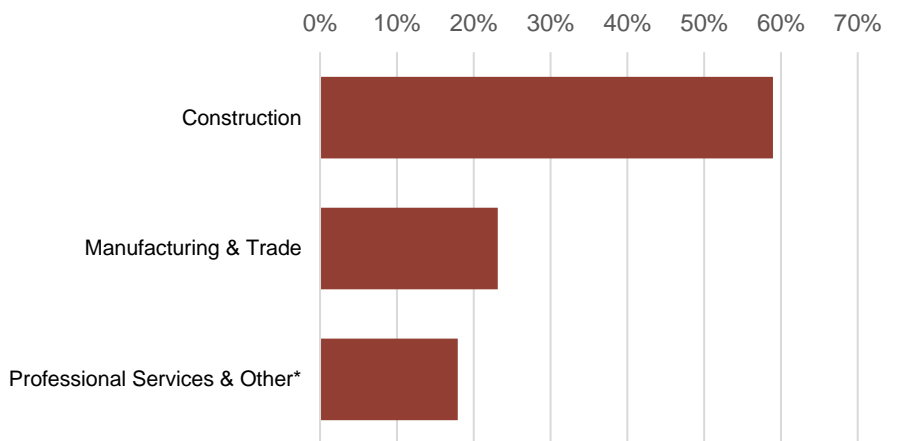
94.6% of NJ EE Businesses Have Fewer Than 100 Employees



EE construction workers comprise **13%** of New Jersey's construction workforce

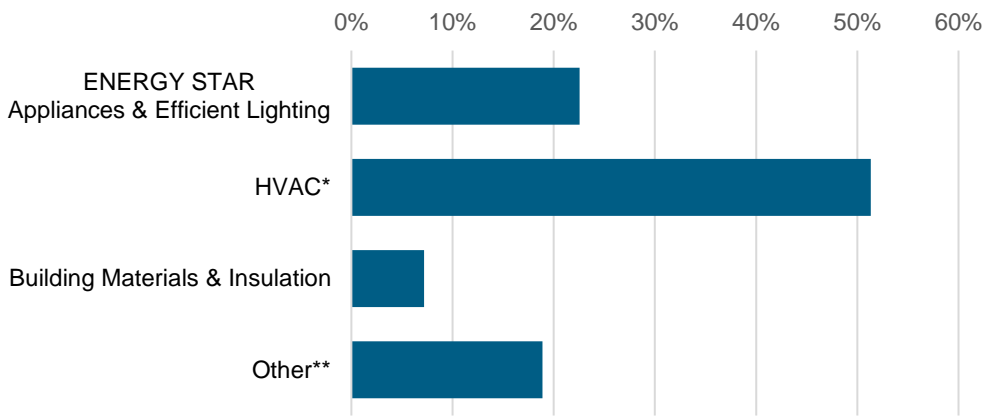


What type of work do energy efficiency firms do?



*Professional services include finance/accounting, architecture, engineering, R&D, etc. and other includes maintenance, and business and nonprofit organizations.

What energy efficiency sectors employ the most workers?



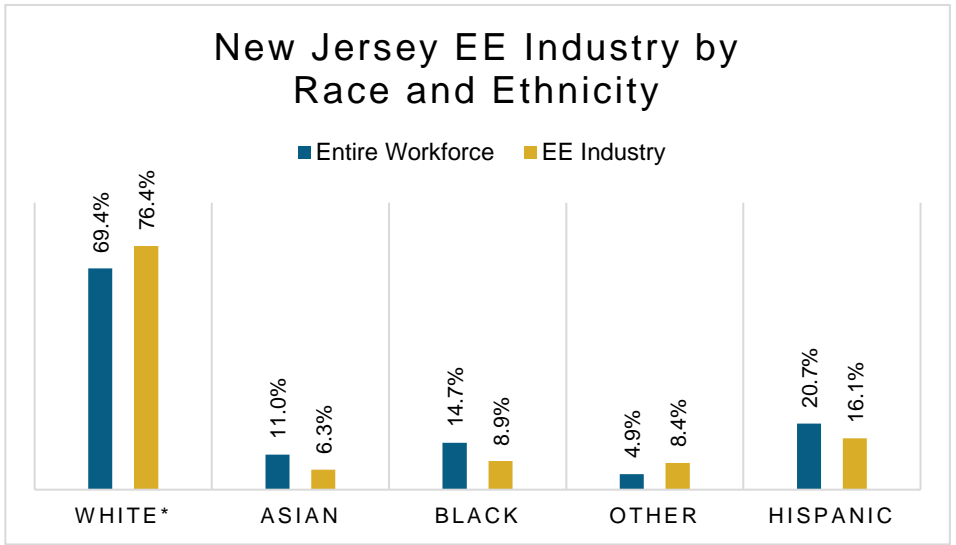
8%
of New Jersey
EE workers are
Veterans

*Heating, Ventilation, Air Conditioning of higher than standard efficiency/renewable heating & cooling
**Other such as energy audits, building certifications, and software services

How is EE doing on diversity in New Jersey?

Demographic data is critical to measure progress in expanding the diversity of the EE industry. A more inclusive industry that reflects the communities it serves is a stronger one that better meets the needs of all U.S. residents. Promoting diversity in hiring is key to maintaining a future workforce of qualified professionals and ensuring all New Jersey communities are represented in the EE sector.

The EE industry needs to do more to prioritize minorities and women for training and support that enables access to employment at EE businesses.



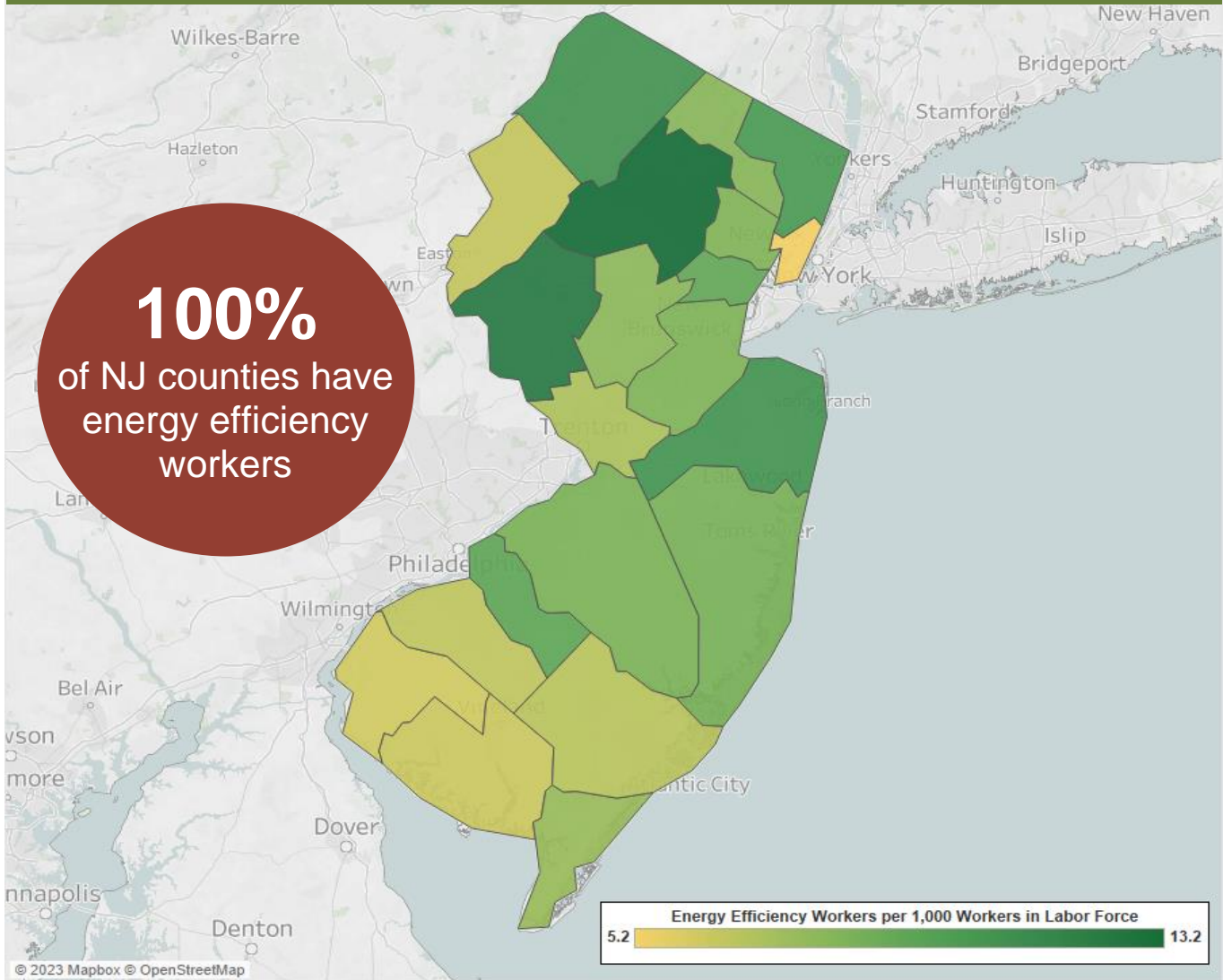
*Includes non-Hispanic and Hispanic whites.



Note: The U.S. Bureau of Labor Statistics (BLS) only includes two genders in their survey. Non-binary gender data is missing from this document due to this limitation.

Energy Efficiency Jobs are Everywhere

EE Jobs by County



Congressional				Metropolitan Areas	
District	Jobs	District	Jobs	Area	Jobs
1	2,672	8	2,669	Allentown-Bethlehem-Easton	210
2	2,367	9	2,963	Atlantic City-Hammonton	831
3	3,709	10	933	New York-Newark-Jersey City	26,802
4	3,947	11	3,422	Ocean City	285
5	3,991	12	2,171	Philadelphia-Camden-Wilmington	4,609
6	2,274			Trenton	1,892
7	5,214			Vineland-Bridgeton	376

State Senate

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	931	11	1,842	21	1,396	31	672
2	871	12	1,129	22	731	32	538
3	636	13	646	23	848	33	436
4	603	14	1,054	24	970	34	658
5	762	15	908	25	1,401	35	817
6	677	16	1,558	26	1,511	36	660
7	1,096	17	906	27	862	37	1,366
8	814	18	603	28	570	38	983
9	1,110	19	511	29	680	39	1,265
10	1,253	20	588	30	552	40	919

State General Assembly

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	907	11	2,159	21	1,354	31	644
2	932	12	1,145	22	701	32	526
3	613	13	621	23	848	33	438
4	627	14	1,057	24	994	34	596
5	756	15	931	25	1,345	35	796
6	656	16	1,502	26	1,532	36	662
7	1,138	17	991	27	832	37	1,375
8	829	18	578	28	546	38	990
9	1,074	19	484	29	653	39	1,213
10	1,301	20	563	30	545	40	879



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E2 is a national, nonpartisan group of business leaders, investors and others who advocate for smart policies that are good for the environment and good for the economy. Visit www.e2.org.



BW Research Partnership is a full-service, economic and workforce research consulting firm with offices in Carlsbad, California and Wrentham, Massachusetts. It is the nation's leading provider of accurate, comprehensive energy and clean energy research studies. Visit www.bwresearch.com.

Data Source: Except for county data on page 4, all data are from the U.S. Energy and Employment Report, June 2023, by the U.S. Department of Energy (see Appendix B for methodology details). This methodology -- adopted by the U.S. Dept. of Energy for its 2017 U.S. Energy and Employment Report, approved by the Office of Management and Budget and grounded on data collected by the Bureau of Labor Statistics -- provides the broadly accepted best accounting of all U.S. energy workers.

For questions on E4TheFuture analyses please email: policy@e4thefuture.org