Energy Efficiency
A Good Investment for Ohio

Since 2008, Ohio's comprehensive energy policy has included cost-effective energy efficiency that creates jobs, helps customers save money and improves economic competition. However, more work remains to ensure maximum energy efficiency benefits for all Ohioans. Continued investments in energy efficiency, driven by policy, will bring economic, environmental and energy security benefits to Ohio's residents and businesses.

Energy Efficiency Saves Money

Energy efficiency is the cheapest energy resource in Ohio at an average of $14 per megawatt hour. Nuclear and coal-fired power plants are three times as expensive.

Energy Efficiency is cost-effective. In 2017, every $1 spent on energy efficiency programs created $2.65 in benefits for Ohio residents and businesses.

Ohio's energy efficiency standard has **saved Ohio customers $5.1 billion** in energy bill savings from 2009-2017.

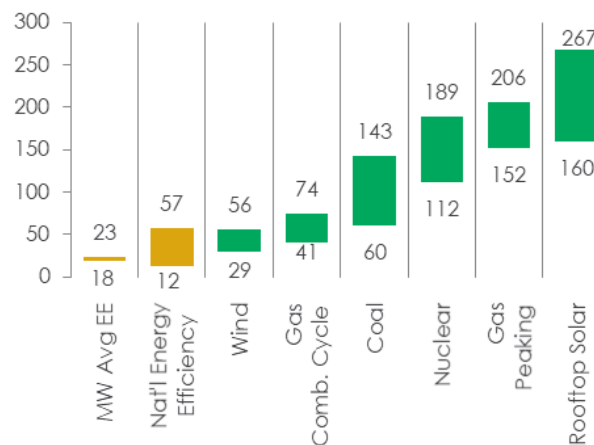## Energy Efficiency Creates Jobs

The clean energy industry employs 112,486 workers in Ohio as of 2018. Of that, 81,676 are involved in the energy efficiency sector. That means **72% of Ohio's clean energy jobs are in energy efficiency**. Energy efficiency jobs saw a 2.5% increase from 2017.
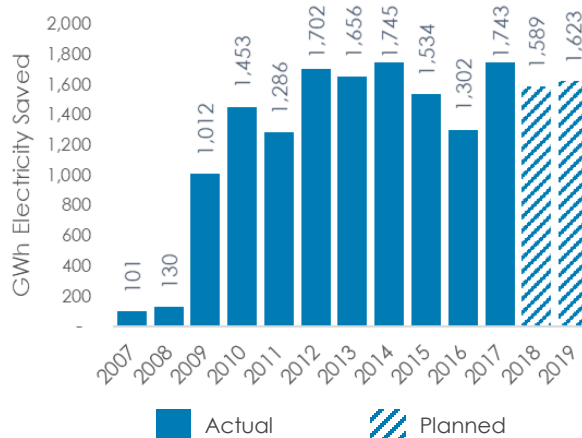
Energy Efficiency Reduces Waste

Annual electricity savings increased twelve-fold since the state's energy efficiency resource standard (EERS) was established, resulting in **over 49,372,000 MWh saved to date**. The law requires investor-owned electric utilities and retail suppliers to achieve savings through energy efficiency programs equal to at least 0.3% of sales, gradually ramping up to a cumulative 22% in electricity reduction by 2025.

From 2009-2017, the state's energy efficiency programs have **saved enough electricity to power every home in Ohio for 10.5 months**.

Cost Ranges of Electricity Resources
$ per megawatt-hour, 2018

Resource	Low	High
MW Avg EE	18	23
Nat'l Energy Efficiency	12	57
Wind	29	56
Gas Comb. Cycle	41	74
Coal	60	143
Nuclear	112	189
Gas Peaking	152	206
Rooftop Solar	160	267

Electric Savings in Ohio through Utility Efficiency Programs

GWh Electricity Saved

Year	GWh
2007	101
2008	130
2009	1,012
2010	1,453
2011	1,286
2012	1,702
2013	1,656
2014	1,745
2015	1,534
2016	1,302
2017	1,743
2018	1,589 (Planned)
2019	1,623 (Planned)

Actual | Planned

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