



June 18, 2019

Testimony on House Bill 6
Senate Energy and Public Utilities Committee

Re: Building Performance Association Opposition to Substitute House Bill 6.

Dear Chair Wilson, Vice Chair McColley, Ranking Member Williams, and Members of the Senate Energy and Public Utilities Committee:

My name is Joseph Cullen, Director of Policy and State Outreach of the Building Performance Association (the "Association"). Thank you for the opportunity to submit written testimony today as an opponent to Substitute House Bill 6.

The Building Performance Association combines the expertise and resources of the Home Performance Coalition, Efficiency First, and Home Energy magazine to better advance the home and building performance industry through advocacy, education, community building and publications. The Association represents companies, contractors, energy auditors, building product suppliers, and building scientists that are a vital part of a robust and growing energy efficiency industry in Ohio.

The Association's members and affiliates provide the "nuts and bolts" of efficiency upgrades to homes and buildings across Ohio. We are proud of the high-quality services that they deliver and the skilled jobs that they create in communities across the state, including approximately 80,000 people who work in the energy efficiency sector in Ohio.¹

We see firsthand every day that Ohioans value the energy efficiency programs that add new insulation in homes, upgrade lighting in schools, and install new equipment in manufacturing facilities and help residents and businesses save money on their utility bills. Our customers are grateful for buildings and homes that are more comfortable, healthier, and less expensive thanks to the adoption and implementation of Ohio's Energy Efficiency Resource Standard (EE Standard) and related programs.

We urge the members of the Committee to support Ohio's existing energy efficiency programs and policies, including Ohio's EE Standard which provides the foundation for the energy-savings upon which Ohio consumers and businesses rely. We urge you to oppose proposals that would roll-back or repeal Ohio's EE Standard and undermine the benefits and utility bill savings that energy efficiency programs provide. Please continue the momentum that Ohio's EE Standard has provided for the state.

¹ See **Energy Efficiency Jobs in America** at: <https://e4thefuture.org/wp-content/uploads/2018/09/EE-Jobs-in-America-2018.pdf> and Clean Energy Trust and Environmental Entrepreneurs, **2019 Clean Jobs Midwest: Ohio**, <https://www.cleanjobsmidwest.com/>.

Ohio Can Do Better on Energy Efficiency Job Creation

One specific reason the Association opposes House Bill 6 is that the Bill, as drafted, will cause the loss of many energy efficiency jobs in Ohio. The Association prefers an approach that will focus instead on the economic and business development impact of the energy efficiency business sector and its enormous potential for growth. Ohio is currently ranked 23rd in the nation among states in per capita employment in this critical clean job creation category (See Exhibit A). Passage of Substitute House Bill 6 will likely drive this per capita job ranking down and drop Ohio behind its neighbors in Illinois and Missouri rather than creating more jobs.

According to the September 2018 [Energy Efficiency Jobs in America](#) report, energy efficiency, as a market sector, employed **2.25 million Americans**, in whole or in part, in the design, installation, and manufacture of Energy Efficiency products and services, and was the fastest growing jobs sector in energy, accounting for half of the entire energy industry's job growth (133,000) in 2017.

The September 2018 [Energy Efficiency Jobs in America](#), adds to a growing body of research that puts energy efficiency at the top of the list of job creators in the clean energy business sector. For example, on January 13, 2017, the U.S. Department of Energy (DOE) released its [2nd Annual United States Energy and Employment Report \(USEER\)](#) providing a comprehensive analysis of 2016 data on energy related U.S. jobs. The [2017 USEER Jobs report](#) indicated that **2.2 million Americans** were employed, in whole or in part, in the design, installation, and manufacture of energy efficiency products and services in 2016; that more than 133,000 new energy efficiency jobs were created in the U.S. in 2016; and that U.S. energy efficiency employers projected the highest job growth rate (9%) in 2017-2018 in all energy sectors surveyed.

Both jobs Reports highlight one critical theme that Ohio should consider in developing energy efficiency policy - *properly designed and implemented energy efficiency and demand response programs have been demonstrated in numerous state and national studies to be the lowest cost, most predictable and most immediate method to reduce energy demand, create local jobs, provide opportunities for small business energy efficiency entrepreneurs while also providing health and comfort benefits to consumers and lower utility rates in the long term.*

The Association believes that Ohio is doing well but could do much better in economic development and job creation in the energy efficiency industry. Substitute House Bill 6 will divert critical resources away from the energy efficiency business sector, one of the most dynamic job creators in the clean energy economy nationwide. I appreciate your time and consideration today. I would be pleased to answer any questions you may have.

Sincerely,



J. Joseph Cullen, Director of Policy and State Outreach
Building Performance Association

Exhibit A

US Energy Efficiency (EE) Jobs Per Capita

State	Gross EE Jobs	Population	EE Jobs Per Capita	Per Capita Rank	Gross Jobs Rank
D.C.	12,359	693,972	0.0178	1	38
VT	10,939	623,657	0.0175	2	40
DE	12,372	961,939	0.0129	3	37
WY	7,382	579,315	0.0127	4	45
MA	84,556	6,859,819	0.0123	5	6
RI	12,588	1,059,639	0.0119	6	36
MD	68,981	6,052,177	0.0114	7	11
WI	62,299	5,795,483	0.0107	8	14
OR	41,958	4,142,776	0.0101	9	19
UT	31,077	3,101,833	0.0100	10	25
CT	34,743	3,588,184	0.0097	11	22
VA	76,621	8,470,020	0.0090	12	10
WA	62,519	7,405,743	0.0084	13	13
NH	11,336	1,342,795	0.0084	14	39
MI	84,052	9,962,311	0.0084	15	7
SD	7,313	869,666	0.0084	16	46
NC	84,020	10,273,419	0.0082	17	8
IN	53,963	6,666,818	0.0081	18	16
MN	44,859	5,576,606	0.0080	19	18
MT	8,384	1,050,493	0.0080	20	42
CA	310,433	39,536,653	0.0079	21	1
TN	51,629	6,715,984	0.0077	22	17
OH	79,653	11,658,609	0.0068	23	9
IL	86,916	12,802,023	0.0068	24	5
ND	5,128	755,393	0.0068	25	49
NE	13,024	1,920,076	0.0068	26	35
MO	40,166	6,113,532	0.0066	27	21
IO	19,694	3,145,711	0.0063	28	30
ME	8,312	1,335,907	0.0062	29	43
AL	29,949	4,874,747	0.0061	30	26
AK	4,497	739,795	0.0061	31	51
AZ	41,886	7,016,270	0.0060	32	20
NY	117,339	19,849,399	0.0059	33	3
SC	29,286	5,024,369	0.0058	34	27
CO	32,036	5,607,154	0.0057	35	24
KS	16,628	2,913,123	0.0057	36	31
GA	59,065	10,429,379	0.0057	37	15

KY	24,579	4,454,189	0.0055	38	28
TX	154,565	28,304,596	0.0055	39	2
FL	112,620	20,984,400	0.0054	40	4
PA	65,288	12,805,537	0.0051	41	12
MS	15,055	2,984,100	0.0050	42	32
AR	14,782	3,004,279	0.0049	43	33
ID	8,227	1,716,943	0.0048	44	44
LA	20,839	4,684,333	0.0044	45	29
HI	5,496	1,427,538	0.0038	46	48
NJ	33,815	9,005,644	0.0038	47	23
WV	6,523	1,815,857	0.0036	48	47
NV	10,316	2,998,039	0.0034	49	41
OK	13,403	3,930,864	0.0034	50	34
NM	5,053	2,088,070	0.0024	51	50

Sources: Energy Efficiency Jobs in America published September 2018. Population numbers are US Census estimations for 2017