



ENERGY EXPERTS FOR WEST VIRGINIA

Who we are, What we do





- √ Stakeholder outreach
- ✓ EE project advisors
- √ Cooperative connectors
- ✓ Certified professionals
- ✓ We move the conversation forward



EEWV











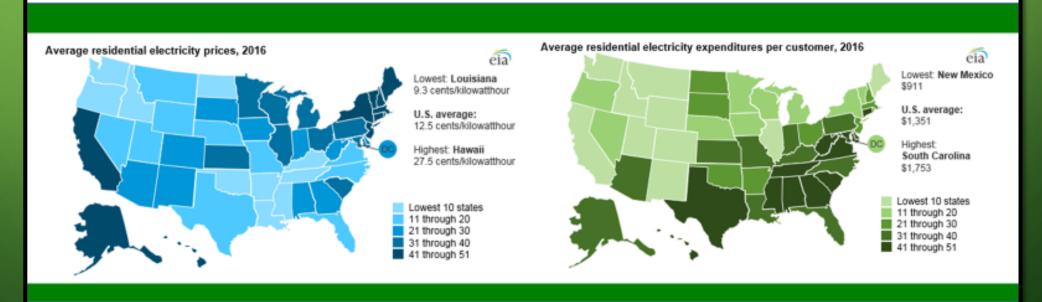






West Virginia Quick Stats

- #47 on the ACEEE list of most efficiency-friendly states.
- #10 on the EIA list of states that use the most energy per capita



West Virginia

Energy Efficiency Jobs - 6,352



What are EE Jobs?

Delivery of goods and services that lower energy use by improving technologies, appliances, buildings, and energy systems.

In West Virginia, EE Jobs are:

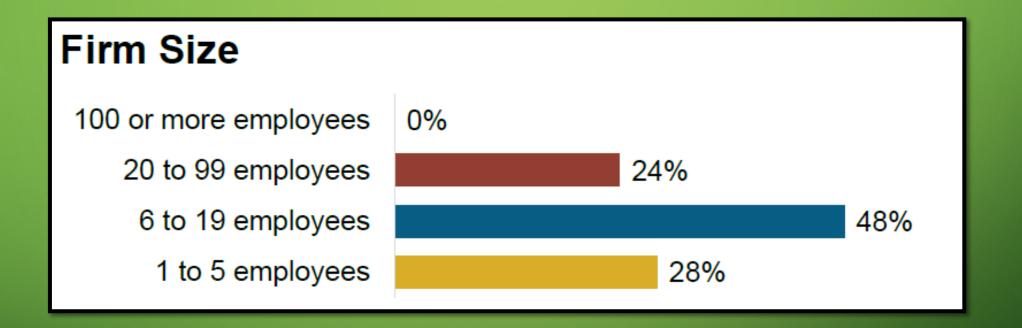
16% of All Construction Jobs

11% of All Energy Sector Jobs

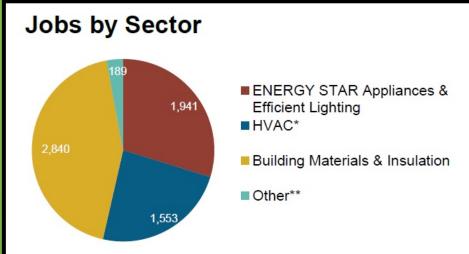
17% of West Virginia residents employed in EE are

Veterans

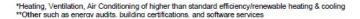
652 Energy Efficiency Businesses

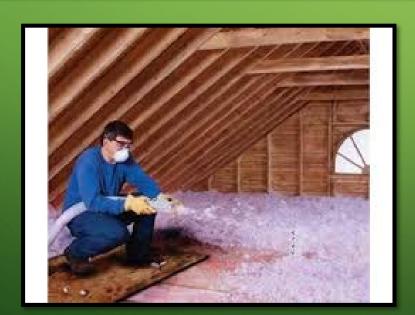






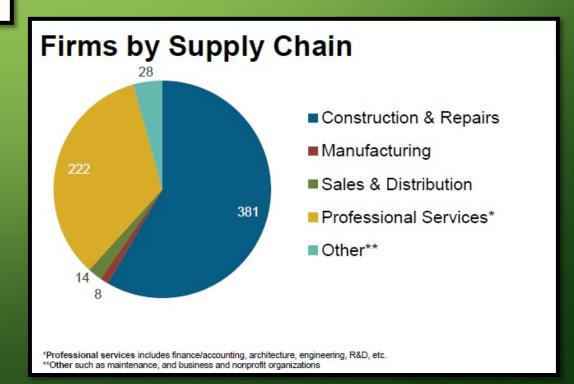












Market Opportunity Snapshot

WEST VIRGINIA



Residential Energy Efficiency Potential



Energy used by West Virginia single-family homes that can be saved through cost-effective improvements



West Virginia existing jobs in energy efficiency $(2016)^{1}$

Cost-effective package savings potential in West Virginia single-family homes



466.3

million

dollars per year utility bill savings



15.3

trillion

Btu per year gas, propane, and fuel oil

savings



2.2 billion

kWh per year electricity savings



571,877

cars of pollution reduction

*2017 NREL WV Fact Sheet



How many EE jobs are in your District?

/kən'stit[uənt/ - con-stit-u-ent

Constituent

(I) (noun) an artifact that is one of the individual parts of which a composite entity is made up; especially a part that can be separated from or attached to a system; (2) (noun) an abstract part of something; (3) (noun) something

Support will be bling l'aissine a commercii la heband you

Clearn2pronounce.com

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	465	11	424	21		31	
2	881	12	464	22	-	32	
3	482	13	33	23		33	
4	502	14	277	24		34	
5	400	15	426	25		100	
6	292	16	270	26			
7	142	17	28	27			
8	804	18		28	-		
9	372	19		29			
10	261	20		30		18.0	

District	Jobs	District	Jobs	District	Jobs	District	Jobs
1	139	28	294	55	58	82	
2	257	29	33	56	30	83	
3	23	30		57	75	84	
4	101	31	40	58	122	85	
5	31	32	142	59	155	86	
6	60	33	40	60	114	87	
7	40	34	52	61	27	88	
8	158	35	708	62		89	
9	262	36	134	63	57	90	
10		37	1	64		91	
11	159	38		65	104	92	
12	14	39	11	66	14	93	
13	125	40		67	1	94	
14	169	41	21	68		95	
15	55	42	131	69	•	96	
16	312	43	162	70		97	
17	58	44	131	71		98	
18	3	45	1	72		99	
19	68	46	77	73		100	
20	83	47	188	74			
21	18	48	428	75			
22	48	49	183	76		11	
23	16	50	10	77			
24	28	51	304	78			
25	123	52	80	79			
26	91	53	13	80			
27	26	54	111	81			

Energy Efficiency Jobs in America West Virginia

West Virginia joined the nationwide conversation







Opens our state up to best practices, resources, and funding.

INITIATIVES

- Expand industry opportunities/lead generation
 - Improved energy code enforcement
- •Increased energy codes standards (2015 IECC)
 - Statewide, improved utility EE programs
 - Improved state energy efficiency policies
 - Energy efficiency expert training

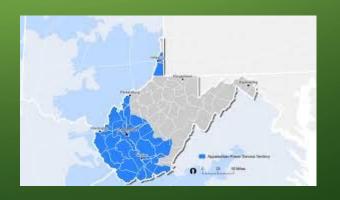
Free Energy Audits



WWW.TAKECHARGEWV.COM



Rebates and Incentives





"Utility-funded gas efficiency programs helped customers reduce their typical annual natural gas usage [nationwide] by an average 17 percent and save \$137 on their annual energy bill."

Table B - 3. Gas Efficiency Program Spending Projections by State (\$M, nominal)

State	2010*	Low			Medium			High		
		2015	2020	2025	2015	2020	2025	2015	2020	2025
WA	29	14	3	3	15	17	3	18	49	53
WI	24	21	25	30	21	25	30	104	122	132
WV	0	0	0	0	0	0	0	1	1	3
WY	0	1	0	1	2	1	1	2	7	8
Total	838	1,313	957	982	1,335	1,376	1,458	1,721	2,968	3,346

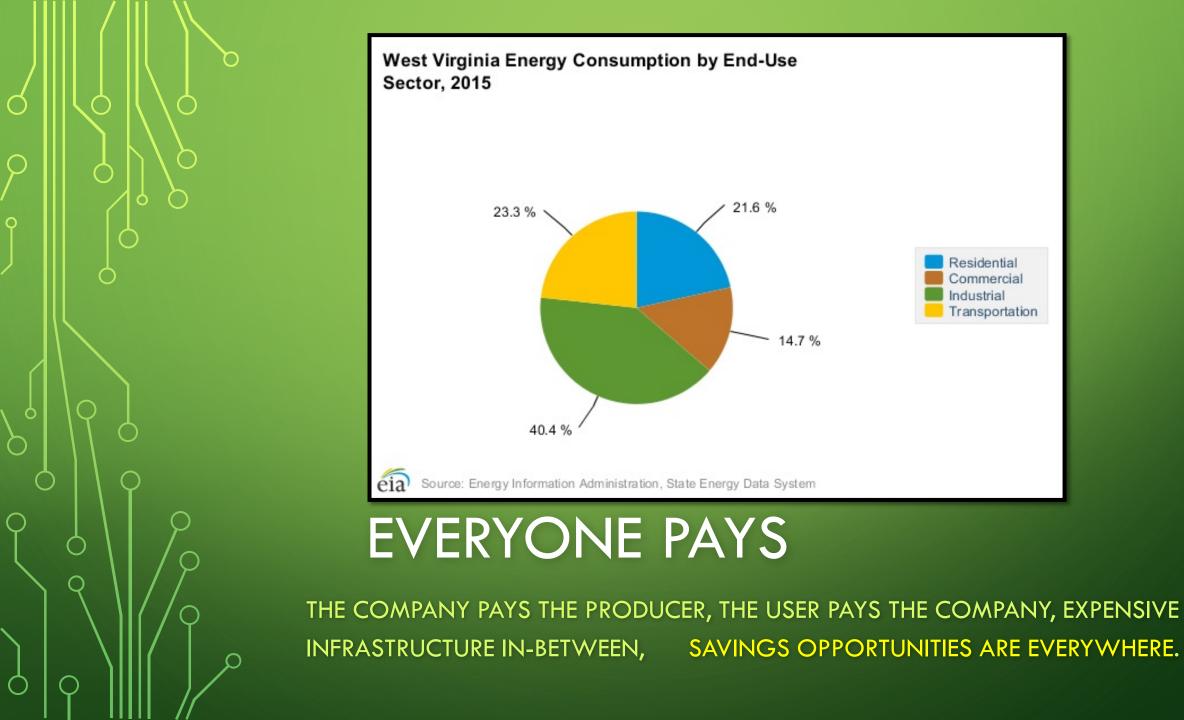


Table B - 1. Electric Energy Efficiency Program Spending Projections by State (\$M, nominal)

State	2010*	Low			Medium			High		
		2015	2020	2025	2015	2020	2025	2015	2020	2025
WA	218	167	229	192	209	287	317	295	428	466
WI	74	83	92	99	83	126	135	255	264	268
WV	-	6	9	10	13	15	17	16	24	27
WY	3	11	12	12	12	13	14	14	23	25
Total	3,948	4,757	5,202	5,536	6,522	7,398	8,062	8,336	10,769	12,222

^{*} Source of 2010 spending data: CEE (2012), with minor modifications

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EE IS EVERYWHERE







WHAT IS NEXT? WHERE DOES ENERGY EFFICIENCY FIT INTO YOUR LIFE AND CAREER?



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Thank you!