
Energy Market Impacts of Recent Federal Regulations on the Electric Power Sector

State Fact Sheets

November 2014



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

OVERALL IMPACT

United States



Average annual U.S. household electricity and gas bills would increase by \$680 in 2020

This represents a 35% increase in average annual household power and gas bills, with average annual power bills increasing more than \$340 and average home gas heating bills rising almost \$340.

The total annual cost of power and gas will grow to more than \$750 billion in 2020

This represents an annual cost increase of over \$275 billion for electricity and gas in the country. Annual power costs would increase by almost \$180 billion and annual gas costs would increase by over \$105 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 60% in the U.S. at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,288	\$1,629	\$341	27%
Avg. Annual Gas Bill	\$675	\$1,014	\$339	50%
Total	\$1,963	\$2,643	\$680	35%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.7¢	10.5¢	3.8¢	56%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$364	\$541	\$177	49%
Total Gas Cost (BB)	\$107	\$214	\$107	100%
Total (BB)	\$471	\$755	\$284	60%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Alabama



Average annual Alabama household electricity and gas bills would increase by more than \$800 in 2020

This represents a 36% increase in average annual household power and gas bills, with average annual power bills increasing more than \$440 and average home gas heating bills rising by \$360.

The total annual cost of power and gas will grow to almost \$15 billion in 2020

This represents a \$5.2 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.8 billion and annual gas costs would increase by \$1.4 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 25% in Alabama at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,622	\$2,064	\$442	27%
Avg. Annual Gas Bill	\$596	\$956	\$360	60%
Total	\$2,218	\$3,020	\$802	36%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.2¢	8.9¢	2.7¢	43%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.9	\$11.7	\$3.8	48%
Total Gas Cost (BB)	\$1.5	\$2.9	\$1.4	95%
Total (BB)	\$9.4	\$14.6	\$5.2	56%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Arizona



Average annual Arizona household electricity and gas bills would increase by more than \$140 in 2020

This represents a 7% increase in average annual household power and gas bills, with average annual power bills increasing over \$40 and average home gas heating bills rising by approximately \$100.

The total annual cost of power and gas will grow to over \$12 billion in 2020

This represents a \$3.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.1 billion and annual gas costs would increase by \$700 million.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 60% in Arizona at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,436	\$1,478	\$42	3%
Avg. Annual Gas Bill	\$485	\$584	\$99	20%
Total	\$1,921	\$2,062	\$141	7%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.5¢	8.9¢	2.4¢	36%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.3	\$10.4	\$3.1	41%
Total Gas Cost (BB)	\$1.0	\$1.7	\$0.7	73%
Total (BB)	\$8.3	\$12.1	\$3.8	45%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Arkansas



Average annual Arkansas household electricity and gas bills would increase by approximately \$900 in 2020

This represents a 49% increase in average annual household power and gas bills, with average annual power bills increasing more than \$440 and average home gas heating bills rising by over \$450.

The total annual cost of power and gas will grow to almost \$8 billion in 2020

This represents a \$3.1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.1 billion and annual gas costs would increase by \$1.0 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 150% in Arkansas at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,241	\$1,682	\$441	36%
Avg. Annual Gas Bill	\$580	\$1,038	\$458	79%
Total	\$1,821	\$2,720	\$899	49%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.7¢	8.7¢	3.0¢	54%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$3.5	\$5.6	\$2.1	57%
Total Gas Cost (BB)	\$1.2	\$2.2	\$1.0	87%
Total (BB)	\$4.7	\$7.8	\$3.1	65%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

California



Average annual California household electricity and gas bills would increase by almost \$250 in 2020

This represents a 17% increase in average annual household power and gas bills, with average annual power bills increasing almost \$125 and average home gas heating bills rising over \$125.

The total annual cost of power and gas will grow to \$64 billion in 2020

This represents a \$17 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by over \$10 billion and annual gas costs would increase by \$7 billion.

Power sources will change dramatically

High cost renewable generation is expected to almost double in California to over 30% of total generation.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,071	\$1,193	\$122	11%
Avg. Annual Gas Bill	\$417	\$544	\$127	30%
Total	\$1,488	\$1,737	\$249	17%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	10.7¢	13.5¢	2.8¢	26%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$35.6	\$45.9	\$10.3	29%
Total Gas Cost (BB)	\$10.6	\$17.6	\$7.0	66%
Total (BB)	\$46.2	\$63.5	\$17.3	38%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Colorado



Average annual Colorado household electricity and gas bills would increase by more than \$610 in 2020

This represents a 39% increase in average annual household power and gas bills, with average annual power bills increasing more than \$250 and average home gas heating bills rising by over \$350.

The total annual cost of power and gas will grow to over \$11 billion in 2020

This represents a \$4.4 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.8 billion and annual gas costs would increase by \$1.6 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 130% in Colorado at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$972	\$1,229	\$257	26%
Avg. Annual Gas Bill	\$579	\$935	\$356	61%
Total	\$1,551	\$2,164	\$613	39%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.9¢	10.5¢	3.6¢	52%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$5.0	\$7.8	\$2.8	55%
Total Gas Cost (BB)	\$1.8	\$3.4	\$1.6	93%
Total (BB)	\$6.8	\$11.2	\$4.4	65%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Connecticut



Average annual Connecticut household electricity and gas bills would increase by more than \$1,700 in 2020

This represents a 63% increase in average annual household power and gas bills, with average annual power bills increasing more than \$500 and average home gas heating bills rising by almost \$1,200.

The total annual cost of power and gas will grow to \$9 billion in 2020

This represents a \$3.2 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.0 billion and annual gas costs would increase by \$1.2 billion.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,519	\$2,024	\$505	33%
Avg. Annual Gas Bill	\$1,165	\$2,363	\$1,198	103%
Total	\$2,684	\$4,387	\$1,703	63%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	12.8¢	18.7¢	5.9¢	46%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$4.6	\$6.6	\$2.0	45%
Total Gas Cost (BB)	\$1.2	\$2.4	\$1.2	101%
Total (BB)	\$5.8	\$9.0	\$3.2	56%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Delaware



Average annual Delaware household electricity and gas bills would increase by more than \$650 in 2020

This represents a 28% increase in average annual household power and gas bills, with average annual power bills increasing more than \$385 and average home gas heating bills rising by over \$280.

The total annual cost of power and gas will grow to almost \$3 billion in 2020

This represents a more than \$900 million annual cost increase for electricity and gas in the state. Annual power costs would increase by over \$600 million and annual gas costs would increase by more than \$300 million.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 37% in Delaware at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,548	\$1,935	\$387	25%
Avg. Annual Gas Bill	\$862	\$1,143	\$281	33%
Total	\$2,410	\$3,078	\$668	28%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	8.3¢	12.5¢	4.2¢	50%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.3	\$1.9	\$0.6	50%
Total Gas Cost (BB)	\$0.6	\$0.9	\$0.3	56%
Total (BB)	\$1.9	\$2.8	\$0.9	52%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Florida



Average annual Florida household electricity and gas bills would increase by more than \$460 in 2020

This represents a 25% increase in average annual household power and gas bills, with average annual power bills increasing more than \$270 and average home gas heating bills rising by almost \$200.

The total annual cost of power and gas will grow to over \$36 billion in 2020

This represents a \$12.3 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by more than \$11 billion and annual gas costs would increase by \$1.2 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 25% in Florida at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,479	\$1,752	\$273	18%
Avg. Annual Gas Bill	\$392	\$584	\$192	49%
Total	\$1,871	\$2,336	\$465	25%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	8.0¢	11.4¢	3.4¢	42%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$23.0	\$34.1	\$11.1	48%
Total Gas Cost (BB)	\$1.5	\$2.7	\$1.2	72%
Total (BB)	\$24.5	\$36.8	\$12.3	50%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Georgia



Average annual Georgia household electricity and gas bills would increase by \$740 in 2020

This represents a 31% increase in average annual household power and gas bills, with average annual power bills increasing \$210 and average home gas heating bills rising by \$530.

The total annual cost of power and gas will grow to over \$22 billion in 2020

This represents a \$7.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$5.1 billion and annual gas costs would increase by \$2.5 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 85% in Georgia at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,463	\$1,673	\$210	14%
Avg. Annual Gas Bill	\$934	\$1,465	\$531	57%
Total	\$2,397	\$3,138	\$741	31%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.9¢	8.2¢	2.3¢	40%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$12.2	\$17.3	\$5.1	42%
Total Gas Cost (BB)	\$2.8	\$5.3	\$2.5	87%
Total (BB)	\$15.0	\$22.6	\$7.6	51%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Idaho



Average annual Idaho household electricity and gas bills would increase by almost \$300 in 2020

This represents an 18% increase in average annual household power and gas bills, with average annual power bills increasing more than \$120 and average home gas heating bills rising by \$170.

The total annual cost of power and gas will grow to \$3 billion in 2020

This represents an almost \$1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by over \$500 million and annual gas costs would increase by \$300 million.

Power sources will change dramatically

Natural gas generation is expected to more than triple in Idaho at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,026	\$1,148	\$122	12%
Avg. Annual Gas Bill	\$572	\$742	\$170	30%
Total	\$1,598	\$1,890	\$292	18%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.6¢	6.8¢	1.2¢	22%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.6	\$2.1	\$0.5	33%
Total Gas Cost (BB)	\$0.5	\$0.8	\$0.3	70%
Total (BB)	\$2.1	\$2.9	\$0.8	42%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Illinois



Average annual Illinois household electricity and gas bills would increase by more than \$1,100 in 2020

This represents a 61% increase in average annual household power and gas bills, with average annual power bills increasing more than \$470 and average home gas heating bills rising by over \$650.

The total annual cost of power and gas will grow to over \$33 billion in 2020

This represents a more than \$15 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$8.3 billion and annual gas costs would increase by \$6.7 billion.

Power sources will change dramatically

Natural gas generation is expected to more than triple in Illinois at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,040	\$1,514	\$474	46%
Avg. Annual Gas Bill	\$791	\$1,443	\$652	82%
Total	\$1,831	\$2,957	\$1,126	61%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.9¢	11.2¢	5.3¢	89%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$12.1	\$20.4	\$8.3	68%
Total Gas Cost (BB)	\$6.2	\$12.9	\$6.7	110%
Total (BB)	\$18.3	\$33.3	\$15.0	82%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Indiana



Average annual Indiana household electricity and gas bills would increase by over \$775 in 2020

This represents a 42% increase in average annual household power and gas bills, with average annual power bills increasing more than \$380 and average home gas heating bills rising almost \$400.

The total annual cost of power and gas will grow to more than \$20 billion in 2020

This represents an \$8.5 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$4.4 billion and annual gas costs would increase by \$4.1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 320% in Indiana at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,232	\$1,615	\$383	31%
Avg. Annual Gas Bill	\$635	\$1,032	\$397	63%
Total	\$1,867	\$2,647	\$780	42%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.4¢	9.5¢	3.1¢	50%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$8.6	\$13.0	\$4.4	51%
Total Gas Cost (BB)	\$3.8	\$7.9	\$4.1	108%
Total (BB)	\$12.4	\$20.9	\$8.5	68%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Iowa



Average annual Iowa household electricity and gas bills would increase by more than \$730 in 2020

This represents a 42% increase in average annual household power and gas bills, with average annual power bills increasing more than \$300 and average home gas heating bills rising \$425.

The total annual cost of power and gas will grow to almost \$10 billion in 2020

This represents a \$4.7 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$1.6 billion and annual gas costs would increase by \$3.1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 600% in Iowa at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,139	\$1,447	\$308	27%
Avg. Annual Gas Bill	\$608	\$1,033	\$425	70%
Total	\$1,747	\$2,480	\$733	42%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.3¢	7.3¢	2.0¢	37%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$3.5	\$5.1	\$1.6	44%
Total Gas Cost (BB)	\$1.7	\$4.8	\$3.1	186%
Total (BB)	\$5.2	\$9.9	\$4.7	90%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Kansas



Average annual Kansas household electricity and gas bills would increase by more than \$750 in 2020

This represents a 40% increase in average annual household power and gas bills, with average annual power bills increasing more than \$330 and average home gas heating bills rising by over \$420.

The total annual cost of power and gas will grow to \$7.5 billion in 2020

This represents a \$2.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$1.6 billion and annual gas costs would increase by \$1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 350% in Kansas at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,256	\$1,587	\$331	26%
Avg. Annual Gas Bill	\$609	\$1,032	\$423	69%
Total	\$1,865	\$2,619	\$754	40%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.9¢	9.8¢	2.9¢	43%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$3.7	\$5.3	\$1.6	43%
Total Gas Cost (BB)	\$1.2	\$2.2	\$1.0	86%
Total (BB)	\$4.9	\$7.5	\$2.6	54%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Kentucky



Average annual Kentucky household electricity and gas bills would increase by approximately \$820 in 2020

This represents a 45% increase in average annual household power and gas bills, with average annual power bills increasing almost \$450 and average home gas heating bills rising \$375.

The total annual cost of power and gas will grow to almost \$13 billion in 2020

This represents a \$5.2 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by more than \$4.1 billion and annual gas costs would increase by over \$1.1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 770% in Kentucky at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,265	\$1,714	\$449	36%
Avg. Annual Gas Bill	\$584	\$959	\$375	64%
Total	\$1,849	\$2,673	\$824	45%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.4¢	9.3¢	3.9¢	74%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$6.4	\$10.5	\$4.1	64%
Total Gas Cost (BB)	\$1.1	\$2.2	\$1.1	98%
Total (BB)	\$7.5	\$12.7	\$5.2	69%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Louisiana



Average annual Louisiana household electricity and gas bills would increase by more than \$750 in 2020

This represents a 46% increase in average annual household power and gas bills, with average annual power bills increasing almost \$450 and average home gas heating bills rising by over \$310.

The total annual cost of power and gas will grow to over \$24 billion in 2020

This represents an almost \$15 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.2 billion and annual gas costs would increase by \$11.6 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 140% in Louisiana at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,256	\$1,702	\$446	36%
Avg. Annual Gas Bill	\$391	\$704	\$313	80%
Total	\$1,647	\$2,406	\$759	46%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	4.8¢	7.0¢	2.2¢	48%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$5.8	\$9.0	\$3.2	55%
Total Gas Cost (BB)	\$3.7	\$15.3	\$11.6	311%
Total (BB)	\$9.5	\$24.3	\$14.8	154%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Maine



Average annual Maine household electricity and gas bills would increase by \$1,950 in 2020

This represents a doubling of average annual household power and gas bills, with average annual power bills increasing almost \$200 and average home gas heating bills rising by over \$1,750.

The total annual cost of power and gas will grow to \$2.6 billion in 2020

This represents a \$800 million annual cost increase for electricity and gas in the state. Annual power costs would increase by \$400 million and annual gas costs would increase by \$400 million.

Power sources will change dramatically

High cost renewable generation is expected to increase by 23% from 2012 to 2020.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$936	\$1,133	\$197	21%
Avg. Annual Gas Bill	\$1,018	\$2,772	\$1,754	172%
Total	\$1,954	\$3,905	\$1,951	100%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	7.9¢	10.1¢	2.2¢	28%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.4	\$1.8	\$0.4	28%
Total Gas Cost (BB)	\$0.4	\$0.8	\$0.4	80%
Total (BB)	\$1.8	\$2.6	\$0.8	41%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Maryland



Average annual Maryland household electricity and gas bills would increase by almost \$900 in 2020

This represents a 38% increase in average annual household power and gas bills, with average annual power bills increasing more than \$550 and average home gas heating bills rising by \$345.

The total annual cost of power and gas will grow to over \$13 billion in 2020

This represents a \$4.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.7 billion and annual gas costs would increase by \$1.1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 1,100% in Maryland at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,549	\$2,101	\$552	36%
Avg. Annual Gas Bill	\$796	\$1,141	\$345	43%
Total	\$2,345	\$3,242	\$897	38%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	8.1¢	12.9¢	4.8¢	59%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

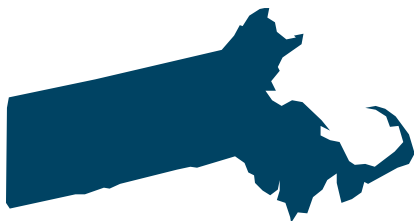
All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.0	\$10.7	\$3.7	53%
Total Gas Cost (BB)	\$1.6	\$2.7	\$1.1	63%
Total (BB)	\$8.6	\$13.4	\$4.8	55%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Massachusetts



Average annual Massachusetts household electricity and gas bills would increase by more than \$900 in 2020

This represents a 42% increase in average annual household power and gas bills, with average annual power bills increasing more than \$450 and average home gas heating bills rising by \$460.

The total annual cost of power and gas will grow to over \$16 billion in 2020

This represents a \$5.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$4.2 billion and annual gas costs would increase by \$1.6 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 40% in Massachusetts at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,114	\$1,572	\$458	41%
Avg. Annual Gas Bill	\$1,060	\$1,520	\$460	43%
Total	\$2,174	\$3,092	\$918	42%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	12.9¢	20.4¢	7.4¢	58%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.6	\$11.8	\$4.2	55%
Total Gas Cost (BB)	\$2.8	\$4.4	\$1.6	59%
Total (BB)	\$10.4	\$16.2	\$5.8	56%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Michigan



Average annual Michigan household electricity and gas bills would increase by more than \$950 in 2020

This represents a 47% increase in average annual household power and gas bills, with average annual power bills increasing \$400 and average home gas heating bills rising by \$565.

The total annual cost of power and gas will grow to over \$27 billion in 2020

This represents a \$10.4 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$6.2 billion and annual gas costs would increase by \$4.2 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by 145% in Michigan at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,145	\$1,545	\$400	35%
Avg. Annual Gas Bill	\$904	\$1,469	\$565	63%
Total	\$2,049	\$3,014	\$965	47%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	7.7¢	12.6¢	4.9¢	63%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$11.5	\$17.7	\$6.2	54%
Total Gas Cost (BB)	\$5.5	\$9.7	\$4.2	77%
Total (BB)	\$17.0	\$27.4	\$10.4	62%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Minnesota



Average annual Minnesota household electricity and gas bills would increase by more than \$475 in 2020

This represents a 28% increase in average annual household power and gas bills, with average annual power bills increasing \$200 and average home gas heating bills rising by over \$275.

The total annual cost of power and gas will grow to over \$12 billion in 2020

This represents a \$4.4 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.3 billion and annual gas costs would increase by \$2.1 billion.

Power sources will change dramatically

Natural gas generation is expected to almost double in Minnesota at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,087	\$1,287	\$200	18%
Avg. Annual Gas Bill	\$617	\$893	\$276	45%
Total	\$1,704	\$2,180	\$476	28%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.6¢	8.8¢	2.2¢	34%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$6.0	\$8.3	\$2.3	38%
Total Gas Cost (BB)	\$2.2	\$4.3	\$2.1	97%
Total (BB)	\$8.2	\$12.6	\$4.4	54%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Mississippi



Average annual Mississippi household electricity and gas bills would increase by almost \$1,200 in 2020

This represents a 63% increase in average annual household power and gas bills, with average annual power bills increasing more than \$850 and average home gas heating bills rising by over \$340.

The total annual cost of power and gas will almost double to \$10 billion in 2020

This represents a \$4.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.5 billion and annual gas costs would increase by \$1.3 billion.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,467	\$2,321	\$854	58%
Avg. Annual Gas Bill	\$434	\$777	\$343	79%
Total	\$1,901	\$3,098	\$1,197	63%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.2¢	12.2¢	6.0¢	99%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$4.1	\$7.6	\$3.5	84%
Total Gas Cost (BB)	\$0.9	\$2.2	\$1.3	151%
Total (BB)	\$5.0	\$9.8	\$4.8	96%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Missouri



Average annual Missouri household electricity and gas bills would increase by more than \$1,000 in 2020

This represents a 49% increase in average annual household power and gas bills, with average annual power bills increasing more than \$490 and average home gas heating bills rising by over \$510.

The total annual cost of power and gas will grow to almost \$15 billion in 2020

This represents a \$5.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$4.2 billion and annual gas costs would increase by \$1.4 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 400% in Missouri at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,284	\$1,775	\$491	38%
Avg. Annual Gas Bill	\$756	\$1,269	\$513	68%
Total	\$2,040	\$3,044	\$1,004	49%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.9¢	9.3¢	3.4¢	60%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.0	\$11.2	\$4.2	60%
Total Gas Cost (BB)	\$2.1	\$3.5	\$1.4	67%
Total (BB)	\$9.1	\$14.7	\$5.6	62%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Montana



Average annual Montana household electricity and gas bills would increase by almost \$500 in 2020

This represents a 31% increase in average annual household power and gas bills, with average annual power bills increasing over \$210 and average home gas heating bills rising over \$280.

The total annual cost of power and gas will grow to \$2.4 billion in 2020

This represents a 53% cost increase for electricity and gas in the state. Annual power costs would increase by almost \$500 million and annual gas costs would increase by \$300 million.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,023	\$1,237	\$214	21%
Avg. Annual Gas Bill	\$600	\$881	\$281	47%
Total	\$1,623	\$2,118	\$495	31%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.0¢	7.2¢	2.2¢	44%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.1	\$1.6	\$0.5	43%
Total Gas Cost (BB)	\$0.5	\$0.8	\$0.3	76%
Total (BB)	\$1.6	\$2.4	\$0.8	53%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

North Carolina



Average annual North Carolina household electricity and gas bills would increase by more than \$430 in 2020

This represents a 22% increase in average annual household power and gas bills, with average annual power bills increasing more than \$135 and average home gas heating bills rising by almost \$300.

The total annual cost of power and gas will grow to \$19 billion in 2020

This represents a \$5.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$4.0 billion and annual gas costs would increase by \$1.6 billion.

Power sources will change dramatically

Natural gas generation is expected to more than double in North Carolina at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,396	\$1,534	\$138	10%
Avg. Annual Gas Bill	\$619	\$915	\$296	48%
Total	\$2,015	\$2,449	\$434	22%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.3¢	8.0¢	1.7¢	26%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$11.6	\$15.6	\$4.0	34%
Total Gas Cost (BB)	\$1.8	\$3.4	\$1.6	87%
Total (BB)	\$13.4	\$19.0	\$5.6	41%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

North Dakota



Average annual North Dakota household electricity and gas bills would increase by almost \$700 in 2020

This represents a 41% increase in average annual household power and gas bills, with average annual power bills increasing by \$385 and average home gas heating bills rising by over \$310.

The total annual cost of power and gas will grow to \$2.9 billion in 2020

This represents a \$1.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$700 million and annual gas costs would increase by \$900 million.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,182	\$1,568	\$386	33%
Avg. Annual Gas Bill	\$536	\$849	\$313	58%
Total	\$1,718	\$2,417	\$699	41%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.7¢	8.7¢	2.0¢	30%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.1	\$1.8	\$0.7	56%
Total Gas Cost (BB)	\$0.2	\$1.1	\$0.9	343%
Total (BB)	\$1.3	\$2.9	\$1.6	107%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Nebraska



Average annual Nebraska household electricity and gas bills would increase by almost \$750 in 2020

This represents a 43% increase in average annual household power and gas bills, with average annual power bills increasing by \$285 and average home gas heating bills rising by over \$460.

The total annual cost of power and gas will grow to over \$5 billion in 2020

This represents a \$1.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$1.0 billion and annual gas costs would increase by \$800 million.

Power sources will change dramatically

High cost renewable generation is expected to more than double in Nebraska from 2012 to 2020.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,209	\$1,494	\$285	24%
Avg. Annual Gas Bill	\$538	\$1,000	\$462	86%
Total	\$1,747	\$2,494	\$747	43%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.8¢	9.2¢	2.4¢	35%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$2.5	\$3.5	\$1.0	38%
Total Gas Cost (BB)	\$0.8	\$1.6	\$0.8	94%
Total (BB)	\$3.3	\$5.1	\$1.8	52%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Nevada



Average annual Nevada household electricity and gas bills would increase by more than \$250 in 2020

This represents a 14% increase in average annual household power and gas bills, with average annual power bills increasing more than \$160 and average home gas heating bills rising by nearly \$90.

The total annual cost of power and gas will grow to almost \$6 billion in 2020

This represents a \$2.1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$1.7 billion and annual gas costs would increase by \$400 million.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 30% in Nevada at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,326	\$1,489	\$163	12%
Avg. Annual Gas Bill	\$483	\$572	\$89	19%
Total	\$1,809	\$2,062	\$253	14%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.5¢	9.5¢	3.0¢	48%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$3.1	\$4.8	\$1.7	53%
Total Gas Cost (BB)	\$0.7	\$1.1	\$0.4	69%
Total (BB)	\$3.8	\$5.9	\$2.1	56%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

New Hampshire



Average annual New Hampshire household electricity and gas bills would increase by more than \$880 in 2020

This represents a 42% increase in average annual household power and gas bills, with average annual power bills increasing more than \$520 and average home gas heating bills rising by over \$350.

The total annual cost of power and gas will grow to \$2.8 billion in 2020

This represents a \$1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$900 million and annual gas costs would increase by \$100 million.

Power sources will change dramatically

High cost renewable generation is expected to more than double in New Hampshire from 2012-2020.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,190	\$1,714	\$524	44%
Avg. Annual Gas Bill	\$892	\$1,251	\$359	40%
Total	\$2,082	\$2,965	\$883	42%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	11.8¢	18.6¢	6.8¢	57%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.5	\$2.4	\$0.9	55%
Total Gas Cost (BB)	\$0.3	\$0.4	\$0.1	50%
Total (BB)	\$1.8	\$2.8	\$1.0	54%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

New Jersey



Average annual New Jersey household electricity and gas bills would increase by more than \$870 in 2020

This represents a 41% increase in average annual household power and gas bills, with average annual power bills increasing by \$540 and average home gas heating bills rising by over \$330.

The total annual cost of power and gas will grow to \$23 billion in 2020

This represents an \$8.5 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$5.7 billion and annual gas costs would increase by \$2.8 billion.

Power sources will change dramatically

Natural gas generation is expected to almost double in New Jersey at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,337	\$1,877	\$540	40%
Avg. Annual Gas Bill	\$805	\$1,138	\$333	41%
Total	\$2,142	\$3,015	\$873	41%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	10.5¢	16.0	5.5¢	52%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$10.4	\$16.1	\$5.7	54%
Total Gas Cost (BB)	\$4.1	\$6.9	\$2.8	68%
Total (BB)	\$14.5	\$23.0	\$8.5	58%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

New Mexico



Average annual New Mexico household electricity and gas bills would increase by over \$300 in 2020

This represents a 22% increase in average annual household power and gas bills, with average annual power bills increasing more than \$130 and average home gas heating bills rising by over \$175.

The total annual cost of power and gas will grow to \$3.6 billion in 2020

This represents a \$1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$600 million and annual gas costs would increase by \$400 million.

Power sources will change dramatically

High cost renewable generation is expected to increase in New Mexico by 66%.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$902	\$1,033	\$131	15%
Avg. Annual Gas Bill	\$512	\$690	\$178	35%
Total	\$1,414	\$1,723	\$309	22%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.8¢	7.5¢	1.7¢	29%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$2.1	\$2.7	\$0.6	33%
Total Gas Cost (BB)	\$0.5	\$0.9	\$0.4	72%
Total (BB)	\$2.6	\$3.6	\$1.0	42%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

New York



Average annual New York household electricity and gas bills would increase by over \$1,130 in 2020

This represents a 48% increase in average annual household power and gas bills, with average annual power bills increasing more than \$400 and average home gas heating bills rising over \$725.

The total annual cost of power and gas will grow to almost \$44 billion in 2020

This represents a nearly \$15 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by almost \$9 billion and annual gas costs would increase by more than \$6 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by 10% in New York at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,279	\$1,684	\$405	32%
Avg. Annual Gas Bill	\$1,072	\$1,799	\$727	68%
Total	\$2,351	\$3,483	\$1,132	48%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.7¢	10.6¢	3.9¢	59%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$21.7	\$30.3	\$8.6	40%
Total Gas Cost (BB)	\$7.3	\$13.5	\$6.2	84%
Total (BB)	\$29.0	\$43.8	\$14.8	51%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Ohio



Average annual Ohio household electricity and gas bills would increase by more than \$850 in 2020

This represents a 42% increase in average annual household power and gas bills, with average annual power bills increasing more than \$450 and average home gas heating bills rising by almost \$400.

The total annual cost of power and gas will grow to over \$30 billion in 2020

This represents an \$11.6 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$7.4 billion and annual gas costs would increase by \$4.2 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 150% in Ohio at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,250	\$1,706	\$456	36%
Avg. Annual Gas Bill	\$772	\$1,168	\$396	51%
Total	\$2,022	\$2,874	\$852	42%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.2¢	10.8¢	4.6¢	74%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$13.8	\$21.2	\$7.4	54%
Total Gas Cost (BB)	\$5.0	\$9.2	\$4.2	83%
Total (BB)	\$18.8	\$30.4	\$11.6	61%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Oklahoma

Average annual Oklahoma household electricity and gas bills would increase by almost \$1,000 in 2020

This represents a 53% increase in average annual household power and gas bills, with average annual power bills increasing more than \$520 and average home gas heating bills rising by over \$475.

The total annual cost of power and gas will grow to over \$11 billion in 2020

This represents a \$4.5 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.8 billion and annual gas costs would increase by \$1.7 billion.

Power sources will change dramatically

Natural gas generation is expected to more than double in Oklahoma at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,279	\$1,801	\$522	41%
Avg. Annual Gas Bill	\$592	\$1,069	\$477	81%
Total	\$1,871	\$2,870	\$999	53%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.0¢	8.5¢	3.5¢	70%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$4.4	\$7.2	\$2.8	64%
Total Gas Cost (BB)	\$2.3	\$4.0	\$1.7	74%
Total (BB)	\$6.7	\$11.2	\$4.5	68%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Oregon



Average annual Oregon household electricity and gas bills would increase by \$535 in 2020

This represents a 29% increase in average annual household power and gas bills, with average annual power bills increasing more than \$450 and average home gas heating bills rising by over \$75.

The total annual cost of power and gas will grow to almost \$9 billion in 2020

This represents a \$3.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.1 billion and annual gas costs would increase by \$700 million.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 160% in Oregon at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,130	\$1,586	\$456	40%
Avg. Annual Gas Bill	\$713	\$792	\$79	11%
Total	\$1,843	\$2,378	\$535	29%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.6¢	11.3¢	5.7¢	102%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

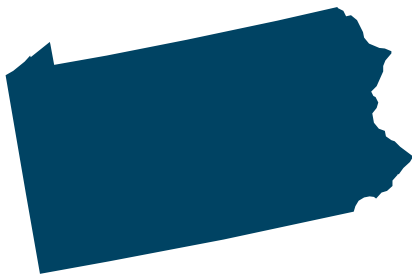
All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$3.8	\$6.9	\$3.1	78%
Total Gas Cost (BB)	\$1.1	\$1.8	\$0.7	67%
Total (BB)	\$4.9	\$8.7	\$3.8	76%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Pennsylvania



Average annual Pennsylvania household electricity and gas bills would increase by more than \$1,000 in 2020

This represents a 46% increase in average annual household power and gas bills, with average annual power bills increasing more than \$550 and average home gas heating bills rising by \$450.

The total annual cost of power and gas will grow to almost \$33 billion in 2020

This represents a nearly \$13 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$8.4 billion and annual gas costs would increase by \$4.5 billion.

Power sources will change dramatically

Natural gas generation is expected to double in Pennsylvania at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,284	\$1,840	\$556	43%
Avg. Annual Gas Bill	\$880	\$1,330	\$450	51%
Total	\$2,164	\$3,170	\$1,006	46%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	7.2¢	11.7¢	4.5¢	62%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$14.3	\$22.7	\$8.4	59%
Total Gas Cost (BB)	\$5.6	\$10.1	\$4.5	81%
Total (BB)	\$19.9	\$32.8	\$12.9	65%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Rhode Island



Average annual Rhode Island household electricity and gas bills would increase by more than \$950 in 2020

This represents a 47% increase in average annual household power and gas bills, with average annual power bills increasing more than \$600 and average home gas heating bills rising by over \$350.

The total annual cost of power and gas will grow to \$2.2 billion in 2020

This represents an \$800 million annual cost increase for electricity and gas in the state. Annual power costs would increase by \$600 million and annual gas costs would increase by \$200 million.

Power sources will change dramatically

High cost renewable generation is expected to increase by more than 250% in Rhode Island from 2012-2020.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,033	\$1,643	\$610	59%
Avg. Annual Gas Bill	\$1,004	\$1,358	\$354	35%
Total	\$2,037	\$3,001	\$964	47%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	10.9¢	18.2¢	7.3¢	67%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.0	\$1.6	\$0.6	64%
Total Gas Cost (BB)	\$0.4	\$0.6	\$0.2	45%
Total (BB)	\$1.4	\$2.2	\$0.8	58%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

South Carolina



Average annual South Carolina household electricity and gas bills would increase by more than \$460 in 2020

This represents a 22% increase in average annual household power and gas bills, with average annual power bills increasing more than \$200 and average home gas heating bills rising over \$260.

The total annual cost of power and gas will grow to more than \$11 billion in 2020

This represents a \$3.3 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.6 billion and annual gas costs would increase by \$700 million.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 82% in South Carolina at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,568	\$1,773	\$205	13%
Avg. Annual Gas Bill	\$529	\$793	\$264	50%
Total	\$2,097	\$2,566	\$469	22%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.0¢	7.7¢	1.7¢	30%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.0	\$9.6	\$2.6	37%
Total Gas Cost (BB)	\$0.9	\$1.6	\$0.7	88%
Total (BB)	\$7.9	\$11.2	\$3.3	43%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

South Dakota



Average annual South Dakota household electricity and gas bills would increase by more than \$350 in 2020

This represents a 21% increase in average annual household power and gas bills, with average annual power bills increasing more than \$50 and average home gas heating bills rising by over \$300.

The total annual cost of power and gas will grow to almost \$2 billion in 2020

This represents a \$500 million annual cost increase for electricity and gas in the state. Annual power costs would increase by \$200 million and annual gas costs would increase by \$300 million.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 445% in South Dakota at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,183	\$1,239	\$56	5%
Avg. Annual Gas Bill	\$530	\$833	\$303	57%
Total	\$1,713	\$2,072	\$359	21%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.0	\$1.2	\$0.2	20%
Total Gas Cost (BB)	\$0.4	\$0.7	\$0.3	98%
Total (BB)	\$1.4	\$1.9	\$0.5	41%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Tennessee



Average annual Tennessee household electricity and gas bills would increase by approximately \$625 in 2020

This represents a 31% increase in average annual household power and gas bills, with average annual power bills increasing almost \$300 and average home gas heating bills rising \$325.

The total annual cost of power and gas will grow to more than \$15 billion in 2020

This represents a \$4.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.4 billion and annual gas costs would increase by \$1.4 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 125% in Tennessee at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,484	\$1,783	\$299	20%
Avg. Annual Gas Bill	\$502	\$827	\$325	65%
Total	\$1,986	\$2,610	\$624	31%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	7.1¢	9.3¢	2.2¢	31%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$9.0	\$12.4	\$3.4	38%
Total Gas Cost (BB)	\$1.5	\$2.9	\$1.4	99%
Total (BB)	\$10.5	\$15.3	\$4.8	47%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Texas



Average annual Texas household electricity and gas bills would increase by more than \$1,050 in 2020

This represents a 54% increase in average annual household power and gas bills, with average annual power bills increasing almost \$750 and average home gas heating bills rising over \$310.

The total annual cost of power and gas will grow to more than \$80 billion in 2020

This represents a \$42 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by almost \$30 billion and annual gas costs would increase by \$13 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 30% in Texas at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,551	\$2,298	\$747	48%
Avg. Annual Gas Bill	\$415	\$728	\$313	75%
Total	\$1,966	\$3,026	\$1,060	54%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.7¢	12.1¢	6.4¢	112%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$31.4	\$60.8	\$29.4	93%
Total Gas Cost (BB)	\$7.9	\$20.9	\$13.0	166%
Total (BB)	\$39.3	\$81.7	\$42.4	108%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Utah



Average annual Utah household electricity and gas bills would increase by nearly \$400 in 2020

This represents a 25% increase in average annual household power and gas bills, with average annual power bills increasing almost \$125 and average home gas heating bills rising by over \$265.

The total annual cost of power and gas will grow to almost \$5 billion in 2020

This represents a \$1.7 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$900 million and annual gas costs would increase by \$800 million.

Power sources will change dramatically

High cost renewable generation is expected to increase in Utah by 70%.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$945	\$1,069	\$124	13%
Avg. Annual Gas Bill	\$616	\$882	\$266	43%
Total	\$1,561	\$1,951	\$390	25%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	5.6¢	7.4¢	1.8¢	31%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$2.3	\$3.2	\$0.9	38%
Total Gas Cost (BB)	\$0.9	\$1.7	\$0.8	79%
Total (BB)	\$3.2	\$4.9	\$1.7	50%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Vermont



Average annual Vermont household electricity and gas bills would increase by more than \$880 in 2020

This represents a 36% increase in average annual household power and gas bills, with average annual power bills increasing \$240 and average home gas heating bills rising by over \$635.

The total annual cost of power and gas will grow to over \$1 billion in 2020

This represents a \$300 million annual cost increase for electricity and gas in the state. Annual power costs would increase by \$200 million and annual gas costs would increase by \$100 million.

Power sources will change dramatically

High cost renewables generation is expected to almost double in Vermont at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,168	\$1,412	\$244	21%
Avg. Annual Gas Bill	\$1,298	\$1,936	\$638	49%
Total	\$2,466	\$3,348	\$882	36%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	10.0¢	12.3¢	2.3¢	23%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$0.8	\$1.0	\$0.2	26%
Total Gas Cost (BB)	\$0.1	\$0.2	\$0.1	65%
Total (BB)	\$0.9	\$1.2	\$0.3	30%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Virginia



Average annual Virginia household electricity and gas bills would increase by more than \$470 in 2020

This represents a 21% increase in average annual household power and gas bills, with average annual power bills increasing \$260 and average home gas heating bills rising by over \$210.

The total annual cost of power and gas will grow to over \$16 billion in 2020

This represents a \$5 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$3.8 billion and annual gas costs would increase by \$1.2 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by more than 85% in Virginia at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,483	\$1,744	\$261	18%
Avg. Annual Gas Bill	\$761	\$972	\$211	28%
Total	\$2,244	\$2,716	\$472	21%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.7¢	8.7¢	2.0¢	30%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

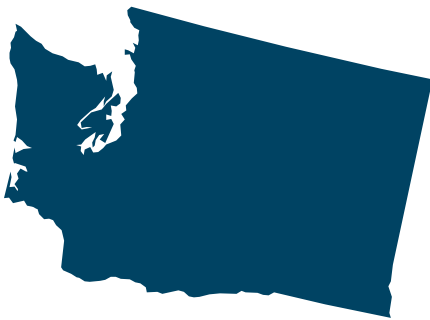
All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$9.8	\$13.6	\$3.8	39%
Total Gas Cost (BB)	\$1.8	\$3.0	\$1.2	68%
Total (BB)	\$11.6	\$16.6	\$5.0	43%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Washington



Average annual Washington household electricity and gas bills would increase by almost \$100 in 2020

This represents a 5% increase in average annual household power and gas bills, with average annual power bills increasing over \$60 and average home gas heating bills rising \$35.

The total annual cost of power and gas will grow to more than \$11 billion in 2020

This represents a \$2.7 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by almost \$1.6 billion and annual gas costs would increase by \$1.1 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 90% in Washington at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,060	\$1,123	\$63	6%
Avg. Annual Gas Bill	\$881	\$916	\$35	4%
Total	\$1,941	\$2,039	\$98	5%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	4.1¢	4.8¢	0.7¢	17%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$6.4	\$8.0	\$1.6	24%
Total Gas Cost (BB)	\$2.2	\$3.3	\$1.1	49%
Total (BB)	\$8.6	\$11.3	\$2.7	30%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Wisconsin



Average annual Wisconsin household electricity and gas bills would increase by more than \$485 in 2020

This represents a 28% increase in average annual household power and gas bills, with average annual power bills increasing more than \$260 and average home gas heating bills rising by over \$225.

The total annual cost of power and gas will grow to over \$14 billion in 2020

This represents a \$4.8 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$2.9 billion and annual gas costs would increase by \$1.9 billion.

Power sources will change dramatically

Natural gas generation is expected to increase by almost 30% in Wisconsin at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,120	\$1,383	\$263	24%
Avg. Annual Gas Bill	\$634	\$859	\$225	36%
Total	\$1,754	\$2,242	\$488	28%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	7.4¢	10.4¢	3.0¢	41%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$7.1	\$10.0	\$2.9	41%
Total Gas Cost (BB)	\$2.4	\$4.3	\$1.9	80%
Total (BB)	\$9.5	\$14.3	\$4.8	50%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

West Virginia



Average annual West Virginia household electricity and gas bills would increase by \$750 in 2020

This represents a 38% increase in average annual household power and gas bills, with average annual power bills increasing more than \$335 and average home gas heating bills rising by \$415.

The total annual cost of power and gas will grow to over \$4 billion in 2020

This represents a \$1.3 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$900 million and annual gas costs would increase by \$400 million.

Power sources will change dramatically

Natural gas generation is expected to increase from 0% to 22% of West Virginia’s generation mix at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,273	\$1,609	\$336	26%
Avg. Annual Gas Bill	\$687	\$1,101	\$414	60%
Total	\$1,960	\$2,710	\$750	38%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.3¢	8.5¢	2.2¢	34%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$2.5	\$3.4	\$0.9	36%
Total Gas Cost (BB)	\$0.5	\$0.9	\$0.4	71%
Total (BB)	\$3.0	\$4.3	\$1.3	42%



The Administration’s proposal to regulate carbon dioxide emissions from U.S. power plants will add costs to both electricity and natural gas for all customers. The U.S. will face an estimated \$284 billion annual increase in power and gas costs for residential, commercial and industrial customers beginning in 2020 compared to 2012, driven by a host of EPA regulations, reduced use of coal and higher natural gas prices. This represents a 60% rise with annual power and gas costs increasing each year thereafter.

STATE IMPACT

Wyoming



Average annual Wyoming household electricity and gas bills would increase by more than \$720 in 2020

This represents a 44% increase in average annual household power and gas bills, with average annual power bills increasing almost \$340 and average home gas heating bills rising by over \$380.

The total annual cost of power and gas will grow to almost \$3 billion in 2020

This represents a \$1.1 billion annual cost increase for electricity and gas in the state. Annual power costs would increase by \$700 million and annual gas costs would increase by \$400 million.

Power sources will change dramatically

Natural gas generation is expected to increase from 0% to 12% of Wyoming’s generation mix at the same time that EPA expects wholesale natural gas prices to more than double.

Projected Residential Power and Gas Cost Increases

Residential	2012	2020	Increase	Increase
Avg. Annual Electricity Bill	\$1,026	\$1,365	\$339	33%
Avg. Annual Gas Bill	\$620	\$1,002	\$382	62%
Total	\$1,646	\$2,367	\$721	44%

Projected Industrial Power Rate Increase

Industrial	2012	2020	Increase	Increase
Electricity Rate (per kWh)	6.0¢	9.5¢	3.5¢	58%

Projected Power and Gas Cost Increases for Residential, Commercial and Industrial Customers

All Sectors	2012	2020	Increase	Increase
Total Electricity Cost (BB)	\$1.2	\$1.9	\$0.7	60%
Total Gas Cost (BB)	\$0.4	\$0.8	\$0.4	89%
Total (BB)	\$1.6	\$2.7	\$1.1	67%

