

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Residential Customers

750 kWh per month usage

1,000 kWh per month usage

<u>Location</u>	<u>Electricity Usage Reduction Mandate</u>		<u>Alternative Energy Resource Mandate</u>		<u>Electricity Usage Reduction Mandate</u>		<u>Alternative Energy Resource Mandate</u>	
	<u>Monthly Total</u>	<u>Annual Total</u>	<u>Monthly Total</u>	<u>Annual Total</u>	<u>Monthly Total</u>	<u>Annual Total</u>	<u>Monthly Total</u>	<u>Annual Total</u>
Cleveland	\$5.09	\$63.71	\$0.22	\$5.31	\$6.78	\$84.95	\$0.30	\$7.08
Columbus	\$2.55	\$50.57	\$1.66	\$4.21	\$3.41	\$67.42	\$2.21	\$5.62
Toledo	\$5.32	\$68.99	\$0.43	\$5.75	\$7.10	\$91.99	\$0.57	\$7.67
Dayton	\$1.70	\$21.19	\$0.06	\$1.77	\$2.27	\$28.25	\$0.08	\$2.35
Cincinnati	\$2.58	\$36.22	\$0.44	\$3.02	\$3.44	\$48.25	\$0.58	\$4.02
Akron	\$3.99	\$50.61	\$0.23	\$4.22	\$5.31	\$67.48	\$0.31	\$5.62

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

State University

7,000,000 kWh per month usage

14.8 MW demand (65% LF)

<u>Location</u>	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
Cleveland	GSU	\$6,538	\$2,086	\$8,624	\$103,488
Columbus	GS3-P	\$6,875	\$14,953	\$21,829	\$261,946
Toledo	GSU	\$25,809	\$3,990	\$29,799	\$357,588
Dayton	P-Sub	-\$3,118	\$587	-\$2,531	-\$30,374
Cincinnati	DP	\$11,690	\$4,067	\$15,757	\$189,084
Akron	GSU	\$5,523	\$2,163	\$7,686	\$92,232

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Fast Food Restaurant

47,000 kWh per month usage

<u>Location</u>	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
Cleveland	GS	\$212.63	\$14.01	\$226.63	\$2,719.61
Columbus	GS1	-\$40.12	\$104.02	\$63.89	\$766.69
Toledo	GS	\$220.57	\$26.79	\$247.36	\$2,968.33
Dayton	Sec	-\$49.82	\$3.94	-\$45.88	-\$550.52
Cincinnati	DS	\$78.49	\$27.31	\$105.80	\$1,269.56
Akron	GS	\$161.40	\$14.52	\$175.92	\$2,111.05

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Foundry/Forging Manufacturer

100,000 kWh per month usage
kW demand - 170 kW (80% LF)

2 million kWh per month usage
Demand - 3.4 MW (80% LF)

<u>Location</u>	<u>Rate</u>	<u>Electricity Usage Reduction</u>				<u>Alternative Energy Resource</u>			
		<u>Mandate</u>	<u>Mandate</u>	<u>Monthly Total</u>	<u>Annual Total</u>	<u>Mandate</u>	<u>Mandate</u>	<u>Monthly Total</u>	<u>Annual Total</u>
Cleveland	GP	\$668	\$30	\$698	\$8,372	\$13,358	\$596	\$13,954	\$167,448
Columbus	GS3-P	\$61	\$214	\$274	\$3,290	\$1,210	\$4,272	\$5,483	\$65,794
Toledo	GP	\$404	\$57	\$461	\$5,532	\$8,080	\$1,140	\$9,220	\$110,640
Dayton	P	-\$59	\$8	-\$50	-\$605	-\$1,177	\$168	-\$1,009	-\$12,108
Cincinnati	DP	\$167	\$58	\$225	\$2,701	\$3,340	\$1,162	\$4,502	\$54,024
Akron	GP	\$522	\$31	\$553	\$6,631	\$10,434	\$618	\$11,052	\$132,624

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Steel Manufacturer

50 million kWh per month usage

MW demand - 98 MW (70% LF)

<u>Location</u>	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
Cleveland	GT	\$77,950	\$14,900	\$92,850	\$1,114,200
Columbus	GS4- T	\$42,090	\$104,675	\$146,765	\$1,761,180
Toledo	GT	\$128,850	\$28,500	\$157,350	\$1,888,200
Dayton	HV	-\$20,380	\$4,190	-\$16,190	-\$194,280
Cincinnati	TS	\$83,500	\$29,050	\$112,550	\$1,350,600
Akron	GT	\$99,800	\$15,450	\$115,250	\$1,383,000

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Small Coal Mine

1.8 million kWh per month usage

Demand - 6.3 MW (40% LF)

<u>Location</u>	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
SE Ohio	GS3-S	\$4,038	\$3,984	\$8,021	\$96,256

Area Transportation Provider

4.8 million kWh per month usage

	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
Northern Ohio	GSU	\$4,483	\$1,430	\$5,914	\$70,963

Reflects mandate tax rates in effect as of January 1, 2018

Impacts of Ohio's Electricity Usage Reduction Mandate and Alternative Energy Resource Mandate

Brewery

7.6 million kWh per month usage

Demand - 11.6 MW (90% LF)

<u>Location</u>	<u>Rate</u>	Electricity Usage Reduction <u>Mandate</u>	Alternative Energy Resource <u>Mandate</u>	Monthly <u>Total</u>	Annual <u>Total</u>
Central Ohio	GS4- T	\$3,398	\$15,911	\$19,309	\$231,707

Reflects mandate tax rates in effect as of January 1, 2018