



# **ANNUAL REPORT 2010-2011**

**Saving Northeast Ohio Over \$160 Million  
in Energy Consumers' Costs Since 2000**



**NOPEC**  
*Your organization  
Your choice*

*Northeast Ohio Public Energy Council*

# Letter from the Chairman



The Northeast Ohio Public Energy Council is an excellent example of successful regional cooperation that generates multiple economic benefits for residents, small businesses and local governments.

Throughout 2010 and 2011, NOPEC continued to help bring discounted electricity and natural gas to our approximately 500,000 customers in 170 communities. Since our inception in 2000, NOPEC has used bulk-buying strategies to cut our region's utility bills by more than \$160 million.

NOPEC's great success has come without using any public money. We are a non-profit council of governments, and our dedicated Board of Directors - one each from the Northeast Ohio counties that we now serve - are not paid. We are the largest public utility retail aggregation in the nation. Our continued efforts to keep utility costs low provide a continuing economic shot in the arm for our region.

While NOPEC continued to fight for lower utility costs in 2010 and 2011, we also blazed new territory. Through our agreement with FirstEnergy Solutions, NOPEC distributed grants totaling nearly \$16 million to all of our member communities. These grants are helping local governments finance energy-saving projects.

These projects are now in place, and they are reducing energy consumption and saving local governments - and thus taxpayers - substantial sums of money through lower utility costs. (You can read more about our successful, energy-saving **Powering Our Communities** grant program elsewhere in this report.)

NOPEC is also aggressively pursuing another new energy-saving program known as demand reduction - which has the potential to save our customers even more in reduced utility bills. I'm very proud that NOPEC has made such a significant impact on our region. Not only have we reduced utility bills for hundreds of thousands of customers, but we have also helped reduce the size of our collective carbon footprint.

In closing, I want to acknowledge Leigh Herington. Leigh recently retired as NOPEC's executive director - a position he held since 2006. NOPEC flourished under Leigh's leadership. Leigh, a former state senator, has been instrumental in promoting the use of governmental utility aggregations such as NOPEC in Ohio.

Leigh helped secure an excellent energy savings agreement with Gexa Energy Ohio LLC, a subsidiary of FPL Energy, now known as NextEra Energy, and, subsequently, a nine-year agreement with First Energy Solutions. The First Energy agreement resulted in residential and small business customers realizing \$29 million in electricity savings in 2010 alone.

NOPEC is not losing a step in its leadership transition, as we were very fortunate to hire Chuck Keiper as Leigh's replacement. Chuck served as a Portage County Commissioner for 17 years and was vice president of the Garfield Institute at Hiram College when he accepted our offer to become the new NOPEC executive director. Chuck was a member of the NOPEC Board of Directors from 2004-2010. We very much look forward to working with Chuck and we are pleased that he is here.

We hope you will take the time to read through this report. I know my fellow Board of Directors share the same deep sense of accomplishment and satisfaction that I have to serve on such a successful and impactful organization. NOPEC Works. We plan to keep it working for the Northeast Ohio region.

Sincerely,



Joseph Migliorini  
Chairman, NOPEC Board of Directors

# Board of Directors



Joseph Migliorini  
NOPEC Chairman  
Summit County



Commissioner William Young  
NOPEC Vice-Chairman  
Geauga County



City Manager Jack Haney  
Newton Falls  
Trumbull County



Ronald McVoy  
Ashtabula County



Commissioner Daniel Troy  
Lake County



Michael Marozzi  
County Engineer  
Portage County



Mayor Georgine Welo  
South Euclid,  
Cuyahoga County



City Manager Jim Lukas  
Brunswick,  
Medina County



Mayor Gary Werner  
Brunswick, Medina County  
Partial 2010, Partial 2011



Mayor Tony Krasienko  
Lorain, Lorain County  
Partial 2009, 2010, 2011



City Mgr. Robert Zienkowski,  
City of Brunswick  
Medina County, Partial 2010



Mayor Thomas O'Grady  
North Olmsted,  
Cuyahoga County, Through 2010



Leigh Herington  
Executive Director  
Through December 2011



Charles Keiper II  
Current Executive Director,  
NOPEC

# Frequently Asked Questions

## **Q: What is NOPEC?**

A: Under Ohio law, local governments may band together into an aggregation, or buying group. In Northeast Ohio, 170 communities have formed an aggregation group named the Northeast Ohio Public Energy Council (NOPEC). The first communities authorized this action by popular vote in the November, 2000 general election. NOPEC – which is a Council of Governments - represents residents and small businesses in Ashtabula, Cuyahoga, Geauga, Huron, Lake, Lorain, Medina, Portage, Summit and Trumbull counties. NOPEC is the largest such public energy retail aggregation in the United States.

## **Q: What is the value in NOPEC for me?**

A: The theory behind public aggregation is simple: using bulk purchasing power, greater savings can be passed on to individual consumers. By joining together, consumers in NOPEC communities gain the ability to utilize a team of experienced professionals to negotiate for better prices and protections. NOPEC works hard to ensure that communities and regular customers have a voice in what happens to their energy rates. NOPEC uses the number of consumers it represents to negotiate and leverage for a better deal for its customers. Without an organization like NOPEC, consumers would be forced to negotiate on their own and would likely have little to no input on how or what they pay for energy.

## **Q: Who is in charge of this group?**

A: Ultimately, the consumers themselves, through the views they express to their local elected officials. NOPEC is governed by a General Assembly, made up of one representative from each community. From this group, a 10-member Board of Directors is elected, with one representative from each of the ten counties in the NOPEC service area. In addition, the General Assembly elects a Chairman and Vice Chairman.

## **Q: What does all this cost?**

A: NOPEC receives no public funds, and its member communities are not charged any dues or fees. The Chairman and Members of the Board of Directors serve without compensation. NOPEC's administrative expenses, such as the cost of the opt-out mailings, are paid by the energy supplier.

## **Q: How do I join the buying group?**

A: Each NOPEC community, through a popular vote, asked its residents whether they wanted to aggregate as a community. If the majority vote was “yes,” the community became a NOPEC member. If you live in a NOPEC community, you are automatically included, unless you choose not to be. Ohio has what is called an “opt-out” procedure. This means that all eligible customers of an aggregated community become part of the buying group unless they take specific action to opt out of the aggregation. Opt-out notices are sent to every eligible natural gas consumer every two years. Under Ohio law (SB221), electricity customers receive an opt-out notice every three years.

## **Q: What is the difference between NOPEC and other energy suppliers?**

A: Unlike the many private, for-profit concerns now marketing in Ohio, NOPEC is a public aggregation of local governments, with no goal other than delivering both savings and stability to the consumers it represents. To that end, we are concerned with both a long-term approach to the energy market as well as short-term savings. NOPEC recognizes that long-term savings for consumers may be effected by regulatory changes and new laws that may be passed. NOPEC is dedicated to representing the interests of its consumers in such discussions. Private energy suppliers may be more driven by the need for profit, and less likely to make sure consumers get a place at the table.

## **Q: How can I compare NOPEC to offers from other energy suppliers?**

A: One of the hallmarks of energy deregulation is that each consumer is free to make his or her own decisions. As such, each consumer should carefully weigh every factor. The difference in purpose between NOPEC and private suppliers is certainly one of those factors. In terms of pricing, consumers should be wary of gimmicks and “loss leader” giveaways, in which short-term savings are promised, with no long-range guarantees of continued savings. The Public Utilities Commission of Ohio (PUCO) publishes an “apples to apples” chart available at [www.puco.ohio.gov](http://www.puco.ohio.gov).

# Financials



REVENUES	Jan - Dec 11	Jan - Dec 10
Interest Income	47,488	38,099
Management Fees- Electric	5,850,724	3,589,735
Management Fees- Natural Gas	2,010,951	2,001,657
Other Fees	545	63,344
<b>Total Revenues</b>	<b>7,909,708</b>	<b>5,692,835</b>
EXPENSE	Jan - Dec 11	Jan - Dec 10
Advertising	5,153	6,429
Annual Report	0	2,117
Communication Services	76,760	75,874
Community Training	0	210
Computer Support	1,920	3,024
Consulting, Gas & Electric	36,000	36,000
Contract Labor	21,531	18,035
CRES Development Fund	103,637	103,864
Depreciation Expense	10,102	10,577
Energy Conserv. Grant	8,918	-14,944
Furnishings, office	0	0
Insurance	3,944	3,954
Legal Fees-Elect/Gas Aggreg	176,369	298,354
Media	2,526	50,334
Media - Web site exp	1,523	3,340
Meetings	15,866	21,283
Membership, assoc. & training	11,215	6,450
Office Equipment	1,198	0
Office Supplies	13,800	14,434
Postage and Delivery	2,920	1,996
Professional Fees	48,913	60,811
Rent/Maint/RE Tax	1,638	0
Staff fringe benefits/PR tax	92,762	82,049
Staff salaries	236,271	215,802
Telephone	7,266	7,106
Travel	20,376	11,848
Utilities	1,625	3,408
<b>Total Expenses</b>	<b>902,233</b>	<b>1,022,355</b>
<b>Net</b>	<b>7,017,577</b>	<b>4,670,480</b>
OTHER INCOME/EXPENSE	Jan - Dec 11	Jan - Dec 10
<b>Other Expense</b>		
Electric Program discount	3,621,817	2,760,000
Total Other Expense	3,621,817	2,760,000
<b>Revenues in Excess of Expenses</b>	<b>3,385,658</b>	<b>1,910,480</b>

ASSETS	Dec 31, 11	Dec 31, 10
<b>Current Assets</b>		
<i>Checking/Savings</i>		
Charter One Municipal Rev Acct	9,410,665	3,505,917
Dollar Bank	1,061,680	121,409
Portage Com Bank	1,368	871
<b>Total Checking/Savings</b>	<b>10,473,713</b>	<b>3,628,197</b>
<i>Accounts Receivable</i>		
Accounts Receivable	2,072,960	666,075
<b>Total Accounts Receivable</b>	<b>2,072,960</b>	<b>666,075</b>
<i>Other Current Assets</i>		
CDARS Investment Acct	6,464,460	6,423,232
Investment-Star Ohio	179,305	4,978,350
Prepaid Expenses	885,417	886,918
<b>Total Other Current Assets</b>	<b>7,529,182</b>	<b>12,288,500</b>
<b>Total Current Assets</b>	<b>20,075,855</b>	<b>16,582,772</b>
<b>Fixed Assets</b>		
Building	236,229	236,229
Equipment	31,753	27,358
Accum. Depreciation	-37,676	-27,574
<b>Total Fixed Assets</b>	<b>230,306</b>	<b>236,013</b>
<b>Total Assets</b>	<b>20,306,161</b>	<b>16,818,785</b>
LIABILITIES & EQUITY	Dec 31, 11	Dec 31, 10
<b>Liabilities</b>		
<i>Current Liabilities</i>		
Accounts Payable	123,473	20,989
<b>Total Accounts Payable</b>	<b>123,473</b>	<b>20,989</b>
<i>Other Current Liabilities</i>		
Accrued liabilities	0	5,572
Payroll withholdings	6,992	2,188
<b>Total Other Current Liabilities</b>	<b>6,992</b>	<b>7,760</b>
<b>Total Current Liabilities</b>	<b>130,465</b>	<b>28,749</b>
<b>Total Liabilities</b>	<b>130,465</b>	<b>28,749</b>
<b>Fund Balance</b>		
Fund balance	16,790,038	14,879,556
Revenues in Excess of Expenses	3,385,658	1,910,480
<b>Total Fund Balance</b>	<b>20,175,696</b>	<b>16,790,036</b>
<b>Total Liabilities &amp; Fund Balance</b>	<b>20,306,161</b>	<b>16,818,785</b>

# Electric Communities



## ASHTABULA COUNTY

Ashtabula	Conneaut	Geneva	Geneva-on-the-Lake	Jefferson	North Kingsville
Orwell Village	Roaming Shores	Rock Creek	Ashtabula County	Andover Twp	Ashtabula Twp
Austinburg Twp	Cherry Valley Twp	Colebrook Twp	Denmark Twp	Dorset Twp	Geneva Twp
Harpersfield Twp	Hartsgrove Twp	Jefferson Twp	Kingsville Twp	Lenox Twp	Monroe Twp
Morgan Twp	New Lyme Twp	Orwell Twp	Pierpont Twp	Plymouth Twp	Richmond Twp
Rome Twp	Saybrook Twp	Sheffield Twp	Trumbull Twp	Wayne Twp	Williamsfield Twp
Windsor Twp					

## CUYAHOGA COUNTY

Beachwood	Bedford	Bedford Heights	Bentleyville	Berea	Bratenahl
Brecksville	Broadview Heights	Brook Park	Brooklyn	Brooklyn Heights	Chagrin Falls
Cuyahoga Heights	East Cleveland	Fairview Park	Garfield Heights	Glenwillow	Highland Heights
Hunting Valley	Independence	Lakewood	Linndale	Lyndhurst	Maple Heights
Mayfield Village	Middleburg Heights	Moreland Hills	Newburgh Heights	North Olmsted	North Randall
North Royalton	Oakwood	Olmsted Twp	Olmsted Falls	Orange	Parma Heights
Pepper Pike	Rocky River	Shaker Heights	Solon	South Euclid	Strongsville
University Heights	Valley View	Walton Hills	Warrensville Heights		

## GEAUGA COUNTY

Auburn Twp	Bainbridge Twp	Burton	Chardon	Chardon Twp	Chester Twp
Claridon Twp	Hambden Twp	Huntsburg Twp	Middlefield (Village)	Middlefield Twp	Montville Twp
Munson Twp	Newbury Twp	Parkman Twp	Russell Twp	South Russell	Thompson Twp

## HURON COUNTY

City of Norwalk

## LAKE COUNTY

Eastlake	Fairport Harbor	Grand River	Kirtland	Kirtland Hills	Lakeline
Madison	Mentor	Mentor-on-the-Lake	Perry Village	Timberlake	Waite Hill
Wickliffe	Willoughby	Willoughby Hills	Willowick		
Lake County	Concord Twp	Leroy Twp	Madison Twp	Painesville Twp	Perry Twp

## LORAIN COUNTY

Amherst Twp	Avon	Avon Lake	Columbia Twp	Elyria	Elyria Twp
Lorain	South Amherst	Sheffield Lake	Sheffield Village	North Ridgeville	

## MEDINA COUNTY

Brunswick

## PORTAGE COUNTY

Garrettsville	Hiram Village	Kent	Portage County	Atwater Twp	Brimfield Twp
Charlestown Twp	Deerfield Twp	Edinburg Twp	Franklin Twp	Freedom Twp	Hiram Twp
Mantua Twp	Nelson Twp	Palymra Twp	Paris Twp	Randolph Twp	Ravenna Twp
Rootstown Twp	Shalersville Twp	Suffield Twp	Windham Twp		

## SUMMIT COUNTY

Clinton	Lakemore	Macedonia	Northfield	Peninsula	Reminderville
Twinsburg					

## TRUMBULL COUNTY

Warren	Liberty Township	McDonald			
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# Gas Communities



## ASHTABULA COUNTY

Ashtabula (City)	Ashtabula Twp	Conneaut	Geneva	Geneva-on-the-Lake
Jefferson Village	North Kingsville	Harpersfield Twp	Kingsville Twp	Saybrook Twp

## CUYAHOGA COUNTY

Bedford	Bedford Heights	Bentleyville	Berea	Bratenahl
Brecksville	Brook Park	Brooklyn	Brooklyn Heights	Chagrin Falls
Cleveland	Cuyahoga Heights	Fairview Park	Garfield Heights	Glenwillow
Highland Heights	Hunting Valley	Independence	Lakewood	Lyndhurst
Maple Heights	Mayfield Village	Middleburg Heights	Moreland Hills	Newburgh Heights
North Olmsted	North Randall	North Royalton	Oakwood	Olmsted Falls
Olmsted Twp	Orange	Parma	Parma Heights	Pepper Pike
Rocky River	Seven Hills	Solon	South Euclid	Strongsville
University Heights	Valley View	Walton Hills	Warrensville Heights	

## GEAUGA COUNTY

Auburn Twp	Bainbridge Twp	Burton (Village)	Burton Twp	Chardon (City)
Chester Twp	Claridon Twp	Hambden Twp	Middlefield (Village)	Munson Twp
Newbury Twp	Russell Twp	South Russell	Troy Twp	

## LAKE COUNTY

Concord Twp	Eastlake	Fairport Harbor	Grand River	Kirtland
Kirtland Hills	Leroy Twp	Mentor	Mentor-on-the-Lake	North Perry Village
Painesville Twp	Perry Twp	Timberlake	Waite Hill	Wickliffe
Willoughby	Willoughby Hills	Willowick		

## LORAIN COUNTY

Avon	Elyria	Lorain	North Ridgeville	Sheffield Lake
Sheffield Village	South Amherst			

## MEDINA COUNTY

Brunswick

## PORTAGE COUNTY

Brady Lake	Garrettsville (City)	Hiram Village	Kent	Sugar Bush Knolls
Portage County Twps	Atwater Twp	Brimfield Twp	Charlestown Twp	Deerfield Twp
Edinburg Twp	Franklin Twp (Por)	Freedom Twp	Hiram Twp	Mantua Twp
Nelson Twp	Palymra Twp	Paris Twp	Randolph Twp	Ravenna Twp
Rootstown Twp	Shalersville Twp	Suffield Twp	Windham Twp	

## SUMMIT COUNTY

Clinton	Macedonia	Northfield	Reminderville	Sagamore Hills Twp
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## TRUMBULL COUNTY

Liberty Twp	Newton Falls	Warren		
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# Powering our Communities



## NOPEC Awarded Nearly \$16 Million in Grants for Energy-Saving Projects in Northeast Ohio Communities

Since its inception in 2000, NOPEC has used bulk buying techniques to reduce energy costs to Northeast Ohio consumers by over \$160 million. NOPEC's vigilant, aggressive dedication to lower electric and natural gas rates has been a positive and significant economic factor throughout the region. But in 2010-2011, NOPEC took on a new, additional mission of overseeing what is believed to be one of the largest energy efficiency initiatives in Ohio history.

NOPEC's Powering Our Communities (POC) grant program was part of a 2009 agreement between NOPEC and FirstEnergy Solutions Corp. That pact resulted in nearly \$16 million in grants that NOPEC distributed to member communities in Northeast Ohio.

The grants were intended to help local communities - and thus their residents - realize cost savings through energy-saving improvements to public facilities. NOPEC hired a grant administrator to oversee the process of reviewing grant applications. NOPEC board members and other community representatives assisted in the awarding of the grants.

POC resulted in more than 330 energy efficiency and renewable energy projects throughout Northeast Ohio (some communities used their allotment of grant money for more than one project). The grant amounts were determined by population, with a minimum grant of \$50,000 per community. The largest grant was nearly \$611,000.

"Our Recycling Facility was desperately out of date," according to Lakewood Mayor Michael Summers. "NOPEC's POC Grant allowed us to install solar panels, repair the roof, improve the lighting conditions, and improve traffic flow for our busy drop off; all of which saves and revitalizes an over 80-year old structure."

Projects ranged from insulation and new energy-efficient windows to solar panels and other renewable energy concepts. It's impossible to determine how much money will be saved from reduced energy consumption as a result of the grant projects, but consider this small sample of energy-saving projects financed with the POC grants:

- In Cuyahoga County, the City of Strongsville used POC funds to retrofit its Ehrnfelt Recreation and Senior Center. This will result in a minimum savings of \$170,000 within five years.
- In Lorain County, North Ridgeville used POC funds for LED traffic signal upgrades, various insulation and window replacement in various city-owned buildings that are projected to save a minimum of \$23,000 annually.
- In Portage County, the City of Kent used POC funds for 10 building energy initiatives that are part of a long-range energy-savings plan expected to save \$147,000 annually.

"Taxpayers in all of the communities that received POC grants will benefit, because their respective communities will realize cost savings through reduced energy consumption," said Joseph Migliorini, Chairman of NOPEC's Board of Directors. "NOPEC, through these grants, has succeeded in lowering costs for our communities, cutting energy consumption and reducing the region's carbon footprint."

The grants were used by some communities to tap renewable energy sources. Claridon Township in Geauga County, for example, used the POC program to install 45 solar panels on its administration building. The City of Valley View in Cuyahoga County developed a broad range of projects designed to regenerate energy from fuels and sunlight. And in Shaker Heights, grant money was used to encourage residents to learn about and implement energy management in their homes.

The Powering Our Communities program was a NOPEC initiative that will generate long-lasting dividends for the environment and NOPEC's 500,000+ Northeast Ohio customers.

For a listing of POC grants, see Page 11.



# Community Grant Projects



In the City of Independence (Cuyahoga County), NOPEC's "Powering Our Communities" grant money funded the installation of an energy-efficient lighting system in its service garage. The new system is expected to reduce energy costs by about \$83,000 over a 10-year period.



NOPEC grant money was used by the Village of Jefferson (Ashtabula County) to make the Street Department building energy efficient. The building's upgrade included new insulation, new windows and a new roof. The Village will enjoy lower energy costs in the building for years to come.



In The City of South Euclid (Cuyahoga County), NOPEC grant money funded the installation of an energy-efficient roof at the city's community center. The roof installation used solar reflecting shingles. This is an Energy Star rated shingle with a high reflectivity rating. The estimated savings will be approximately \$800 – \$1,200 annually.



# Community Grant Projects



Valley View (Cuyahoga County) Mayor Randall A. Westfall, left, and Councilman David Wingefeld examine a waste oil heating system that was installed in the village's service department. This innovative energy-efficient project was funded with NOPEC grant money. This project will substantially reduce heating costs for the Village of Valley View.



NOPEC Powering Our Communities grant money funded a new, energy-efficient roof for the Grange Hall in Willoughby Hills (Lake County). The 19th century structure had fallen into extensive disrepair. Our funding has helped to restore the building which will be used for public events.



Parkman Township (Geauga County) utilized NOPEC grant funds to install solar panels on the Community House. This project will enable the Township to save substantially on its utility bills. In fact, the expected savings on this project will be approximately \$800 – \$1,200 per year.



Randolph Township (Portage County) utilized NOPEC grant funds to construct an energy-efficient administration building.

# Community Grant Projects



NOPEC "Powering Our Communities" grant program permitted Paris Township (Portage County) to conduct an energy audit of its buildings, as well as complete the installation of lighting fixtures, insulation, windows and doors that will amount to significant electricity and propane savings for the township.



The City of Wickliffe (Lake County) utilized their NOPEC grant funds for eight different city projects. Here, brand new doors will decrease utility bills while retaining heat in the winter and cool air when the weather is warm.



A golf course clubhouse owned by The Village of Geneva-on-the-Lake (Ashtabula County) was in dire need of renovation. NOPEC was there to help. "POC" grant money funded comprehensive energy improvements to the clubhouse including new roofing, insulation, doors and windows.

# Community Grants

ASHTABULA COUNTY			
Andover Township	Energy Conservation	Light/Light Post Replacement	\$9,968
Andover Township	Energy Conservation	Insulation of Township Garage and Meeting Room	\$65,444
Ashtabula	Energy Conservation	HVAC System Justice Center	\$120,000
Ashtabula Township	Energy Conservation	Township Buildings, Renovation and Remodel	\$50,000
Austinburg Township	Energy Conservation	Windows, Doors, HVAC, Insulation, Lights	\$50,000
Cherry Valley Township	Energy Conservation	Phase II Townhall Efficiency Initiative	\$17,060
Cherry Valley Township	Energy Conservation	Town Hall Restoration	\$32,940
Colebrook Township	Energy Conservation	Doors, Furnace, Roof	\$48,670
Conneaut	Energy Conservation	City-Wide Lighting Retrofit	\$110,910
Denmark Township	Energy Conservation	Town Hall / Garage Upgrades	\$50,000
Dorset Township	Energy Conservation	Roof, Insulation, Windows, Multiple Buildings	\$50,000
Geneva	Energy Conservation	Lighting, Multiple City Buildings	\$20,151
Geneva	Energy Conservation	Roofing Multiple Buildings	\$18,000
Geneva	Energy Conservation	Flex Fuel Vehicles	\$21,489
Geneva Township	Energy Conservation	Multiple Energy Efficiency Projects	\$50,000
Geneva-on-the-Lake	Energy Conservation	Energy Restoration of Golf Clubhouse	\$50,000
Harpersfield Township	Energy Conservation	Lights, Windows, Doors	\$25,296
Harpersfield Township	Energy Conservation	Roofing Insulation / Improvements	\$24,704
Hartsgrove Township	Energy Conservation	Fixtures, Doors, Materials (Wiring)	\$47,100
Jefferson Village	Energy Conservation	Energy Restoration of Village Maintenance Building	\$50,000
Jefferson Township	Energy Conservation	Comprehensive Energy Efficiency Improvements	\$50,000
Kingsville Township	Energy Conservation	Lighting, Insulation, Heating	\$50,000
Lenox Township	Energy Conservation	Retrofit Township Center	\$17,000
Monroe Township	Energy Conservation	Lighting, Doors, Insulation	\$50,000
Morgan Township	Energy Conservation	Insulation in Township Garage	\$1,607
Morgan Township	Energy Conservation	Fire Dept/Garage Renovations	\$48,393
New Lyme Township	Energy Conservation	Insulation, Lighting, Appliances	\$28,500
New Lyme Township	Energy Conservation	Energy Efficiency Dump Truck	\$21,500
North Kingsville	Energy Conservation	Ceiling Fans	\$975
North Kingsville	Energy Conservation	HVAC	\$2,995
North Kingsville	Energy Conservation	New Entry Doors Street Department	\$3,582
North Kingsville	Energy Conservation	Clubhouse: Replacement/Energy Efficiency Windows	\$4,500
North Kingsville	Energy Conservation	New Entry Doors Village Hall	\$2,883
North Kingsville	Energy Conservation	Fire Station Comprehensive Retrofit (Windows, Insulation, Roof)	\$7,500
North Kingsville	Energy Conservation	Overhead Doors	\$5,787
North Kingsville	Energy Conservation	Village Hall Comprehensive Improvement (Windows, Insulation, Roof)	\$10,100
North Kingsville	Energy Conservation	Fire Station Improvements	\$11,500
Orwell Township	Energy Conservation	Township Hall Energy Efficiency Projects	\$24,363
Orwell Township	Energy Conservation	Multiple Projects Township Admin Building	\$24,228
Orwell Village	Energy Conservation	Windows, Doors, Furnaces, Air Conditioning	\$49,898
Pierpont Township	Energy Conservation	Phase II — Completion of Session 1 Project	\$25,000
Pierpont Township	Energy Conservation	Renovate / Insulate Concrete Garage	\$25,000
Plymouth Township	Energy Conservation	Heating System and Insulation	\$50,000

# Community Grants

## ASHTABULA COUNTY continued

Richmond Township	Energy Conservation	Energy Restoration Upgrade Town Hall Building	\$50,000
Roaming Shores	Energy Conservation	Waste Water Lift System	\$50,000
Rock Creek	Energy Conservation	Maintenance Garage Energy Strategy	\$50,000
Rome Township	Energy Conservation	Energy-Efficient Garage	\$50,000
Saybrook Township	Energy Conservation	Phase II — Completion of Fire Station Project	\$25,631
Saybrook Township	Energy Conservation	Doors, Hot Water Tank, Heat Drop in	\$7,140
Saybrook Township	Energy Conservation	Firestation – Phase 3	\$16,410
Saybrook Township	Energy Conservation	Fire Station Restoration	\$15,589
Sheffield Township	Energy Conservation	Windows, Doors, Lights Multiple Buildings	\$22,390
Sheffield Township	Energy Conservation	Doors	\$3,555
Sheffield Township	Energy Conservation	Furnace Replacement Fire Hall	\$24,055
Trumbull Township	Energy Conservation	Admin Building—Multi Project Improvements	\$50,000
Wayne Township	Energy Conservation	Townhall Energy Upgrades	\$8,398
Wayne Township	Energy Conservation	Town Hall and Fire Hall Energy Upgrades	\$41,602
Williamsfield Township	Energy Conservation	Roof and Insulation	\$5,015
Williamsfield Township	Energy Conservation	Windows, Doors, Cooling System	\$20,560
Williamsfield Township	Energy Conservation	Replacement of Furnaces in Township Community Center	\$24,425
Windsor Township	Energy Conservation	Replacement of Boiler	\$50,000

## CUYAHOGA COUNTY

Beachwood	Energy Conservation	Traffic Light Signal System	\$134,280
Bedford	Energy Conservation, Energy Education	Comprehensive approach	\$144,720
Bedford Heights	Energy Conservation	Industrial Waster / Extractor Replacement	\$3,900
Bedford Heights	Energy Conservation	HVAC Replacement Corrections Building	\$19,500
Bedford Heights	Energy Conservation	LED Fixtures Indoor Swimming Pool	\$15,000
Bedford Heights	Energy Conservation	Single Pane Windows Replacement Pool	\$4,000
Bedford Heights	Energy Conservation	Weatherization Energy Conservation Program	\$30,000
Bedford Heights	Energy Conservation	Energy Audits On Industrial Zones Building	\$30,000
Bedford Heights	Energy Conservation	Hot Water Heaters, Doors, Solar Coating at Fire Department	\$25,000
Bentleyville	Energy Conservation	Village Hall Energy Upgrades	\$31,700
Bentleyville	Energy Conservation	HVAC System Village Hall / Service Garage Heating Upgrades	\$18,300
Berea	Energy Conservation	Lighting/HVAC Replacement Rec Center	\$173,250
Berea	Energy Conservation	Meter Telemetry Unit	\$5,730
Bratenahl	Energy Conservation	LED Lighting Signals	\$12,452
Bratenahl	Advanced Energy, Economic Development	Open Source Greenprint / Feasibility Audit	\$37,500
Brecksville	Energy Conservation	Windows / Doors Multiple Buildings	\$135,210
Broadview Heights	Energy Conservation	Multiple Replacement Projects Buildings	\$194,550
Brooklyn	Energy Conservation, Economic Development	Lighting/Job Retention Prestolite Wire LLC	\$75,889
Brooklyn	Energy Conservation	Energy-Efficient Lighting / Partnership	\$8,402
Brooklyn	Job Creation	Alotech New Technologies	\$40,749
Brooklyn Heights Village	Energy Conservation	Windows Replacement / Energy Restoration Municipal Building	\$50,000
Brook Park	Energy Conservation	Boiler System	\$185,500
Chagrin Falls	Energy Conservation	Natural Gas Generators and On-Site Generator (3 Locations)	\$56,850
Cuyahoga Heights	Energy Conservation	Windows Replacement Fire Station	\$50,000

# Community Grants

CUYAHOGA COUNTY continued			
East Cleveland	Energy Conservation	Audit/Evaluation of Traffic Signaling System	\$16,500
East Cleveland	Energy Conservation	Street Lights, Poles, Lights	\$100,930
East Cleveland	Energy Conservation	Traffic Signals	\$11,060
Fairview Park	Energy Conservation	Metal Main Doors for Police, Fire, Service	\$557
Fairview Park	Energy Conservation	Boiler System	\$65,934
Fairview Park	Energy Conservation	Metal Main Doors	\$11,407
Fairview Park	Energy Conservation	8 Fully Insulated Overhead Doors/Fire and Police Station	\$34,740
Fairview Park	Energy Conservation	Senior Center HVAC Replacement Units	\$23,525
Fairview Park	Energy Conservation	Removal and Installation of 78 Vinyl Replacement Windows	\$39,804
Fairview Park	Energy Conservation	Purchase and Installation of Thermal Efficient Gas Water Heater	\$10,512
Garfield Heights	Fiscal Distress	Comprehensive Computer System and Web Site	\$260,000
Garfield Heights	Energy Conservation	Amendment - Computer Hardware	\$1,240
Glenwillow Village	Energy Conservation	Roofing, Insulation, Roof Ventilation	\$50,000
Highland Heights	Energy Conservation	Multi-Building Lighting Retrofit	\$81,000
Hunting Valley	Energy Conservation	Multi-Impact Energy Conservation Projects	\$50,000
Independence	Energy Conservation	Lighting Upgrades	\$62,522
Independence	Energy Conservation	Balance Allocation Request to Session 3 Project Expenses	\$12,538
Lakewood	Energy Conservation	Comprehensive Retrofit Recycling Facility	\$610,740
Linndale	Energy Conservation	Restoration Village Hall	\$50,000
Lyndhurst	Energy Conservation	HVAC Replacement	\$102,436
Lyndhurst	Energy Conservation	Cool Roof Technology	\$40,000
Maple Heights	Energy Conservation	Lighting and Windows Multiple Buildings	\$207,240
Mayfield Village	Renewable Energy	Solar Panels On Police Station	\$50,000
Middleburg Heights	Energy Conservation	Cool Roof Technology, Traffic Signal Upgrade, City Hall Boiler Replacement	\$177,840
Moreland Hills	Energy Conservation	Community and Administration Buildings Energy Efficiency Upgrades	\$45,423
Newburgh Heights	Energy Conservation	Windows and Doors Police and Fire	\$20,400
Newburgh Heights	Energy Conservation	Windows Doors Fire Station	\$9,650
Newburgh Heights	Energy Conservation	Furnace / AC Fire Station	\$9,750
Newburgh Heights	Energy Conservation	Furnace / AC Police Station	\$10,200
North Olmsted	Energy Conservation	City Hall, Senior Center, and Community Cabin Energy Efficiency Upgrades	\$269,677
North Randall	Energy Conservation	Town Hall Energy Restoration	\$46,080
North Royalton	Energy Conservation	Professional Energy Audit Services	\$9,700
North Royalton	Energy Conservation	Lighting System	\$105,910
North Royalton	Energy Conservation	Lighting Fixtures / HVAC Replacement	\$65,000
North Royalton	Energy Conservation	Boiler Police Station	\$47,000
North Royalton	Energy Conservation	Condensing Units / Rooftops Police Station	\$60,000
Oakwood Village	Energy Conservation	Windows Doors Community Center / Garage	\$50,000
Olmsted Falls	Energy Conservation	City Hall / Service Department Upgrades	\$96,540
Olmsted Township	Energy Conservation	Town Hall Energy Conservation Project	\$92,370
Orange Village	Energy Conservation	Audit Recommended Projects	\$50,000
Parma Heights	Energy Conservation	City Hall Energy Retrofit Initiative	\$217,770
Pepper Pike	Energy Conservation	Boilers Replacement	\$52,530
Rocky River	Energy Conservation	Generator	\$201,238

# Community Grants

## CUYAHOGA COUNTY continued

Rocky River	Energy Conservation	Generator	\$27,212
Shaker Heights	Energy Conservation	Windows Replacement Stephanie Tubbs Jones Community Building	\$200,000
Shaker Heights	Advanced Energy	Renewable Energy System	\$76,450
Solon	Energy Conservation	Energy Audits / Lighting System	\$8,500
Solon	Energy Conservation	Water Reclamation Facility Energy Upgrade	\$211,370
South Euclid	Energy Conservation	Phase I — Community Center Energy Project	\$78,835
South Euclid	Energy Conservation	LED Traffic Lamp Conversion Project	\$30,000
South Euclid	Energy Conservation	Energy Conservation Project	\$111,035
Strongsville	Energy Conservation	Rec Center and Senior Center Energy Conservation Initiative	\$355,800
University Heights	Energy Conservation	Windows Replacement 6 Buildings	\$104,074
University Heights	Energy Conservation	Roof	\$4,500
University Heights	Energy Conservation	Air Conditioning City Hall	\$12,596
Valley View	Renewable Energy	Waste Oil Tank / Waste Oil Furnace	\$13,499
Valley View	Energy Conservation	Feasibility Study	\$1,450
Valley View	Advanced Energy	Solar Light Gazebo	\$1,468
Valley View	Energy Conservation	Lighting System Upgrade	\$21,406
Valley View	Advanced Energy	Survey for Solar	\$384
Valley View	Energy Conservation	Solar Panel Disconnect Switch	\$10,293
Valley View	Advanced Energy	Waste Oil Tanks / Fuel	\$1,500
Walton Hills	Energy Conservation	Energy Improvements Service Garage	\$50,000
Warrensville Heights	Energy Conservation	High Efficiency Boiler System	\$138,000

## GEAUGA COUNTY

Auburn Township	Energy Conservation	Replacement of Township Air Conditioning System	\$9,550
Auburn Township	Energy Conservation	Windows in Two Township Buildings	\$8,855
Auburn Township	Energy Conservation	Furnaces and Air Conditioners	\$15,950
Auburn Township	Energy Conservation	Energy Efficiency Lighting	\$4,400
Auburn Township	Energy Conservation	Infrared Log Heaters	\$11,245
Bainbridge Township	Energy Conservation	LED Lighting Upgrades	\$54,420
Burton	Energy Conservation	Blowers – Water Treatment Facility	\$50,000
Chardon	Energy Conservation	LEED Retrofit Heritage House	\$57,360
Chardon Township	Energy Conservation	Furnaces and Air Conditioning	\$50,000
Chester Township	Energy Conservation	Insulation, Windows, Lighting Multiple Buildings	\$39,703
Chester Township	Energy Conservation	Multiple Impact Projects	\$42,137
Claridon Township	Renewable Energy	Solar Panels	\$50,000
Hambden Township	Energy Conservation	Community Wide Energy Efficiency Projects	\$50,000
Huntsburg Township	Advanced Energy	Comprehensive Community Improvement Strategy	\$41,357
Huntsburg Township	Energy Conservation	Gym Insulation / Windows Replacement	\$8,643
Middlefield Township	Energy Conservation	Service and Maintenance Garage Restoration	\$47,948
Middlefield Village	Energy Conservation – Econ Development	Water Meter System Upgrade	\$50,000
Montville Township	Energy Conservation	Furnaces and Air Conditioning	\$30,070
Montville Township	Energy Conservation	LED Lighting Fixtures	\$4,775
Montville Township	Energy Conservation	Community Center Insulation	\$8,050
Montville Township	Energy Conservation	Survey and Retrofit at Township Buildings	\$7,105

# Community Grants

## GEAUGA COUNTY continued

Munson Township	Energy Conservation	Gas Heater Units	\$24,355
Munson Township	Energy Conservation	Gas Heater Units	\$7,885
Munson Township	Energy Conservation	Lighting Upgrades	\$17,760
Newbury Township	Energy Efficiency	Lights, Insulation, HVAC Upgrades in Four Buildings (Phase 2)	\$48,150
Newbury Township	Energy Conservation	Township Hall Building Audit	\$1,850
Parkman Township	Advanced Energy	Solar Panels	\$50,000
Russell Township	Energy Conservation	Comprehensive Energy Upgrades	\$50,000
South Russell	Energy Efficiency	Village Hall Restoration	\$28,135
South Russell	Energy Efficiency	Furnace, Air, Tankless Hot Water System	\$14,075
South Russell	Energy Efficiency	Furnace, Air Conditioner, Garage Heater	\$7,790
Thompson Township	Energy Conservation	Gable Roofing Fire Department	\$50,000

## LAKE COUNTY

Concord Township	Energy Conservation	Efficiency Skylights Roof of Service Building	\$75,090
Concord Township	Energy Conservation	Roofing / Solar Panels Community Center	\$42,133
Eastlake	Energy Conservation	Safety Forces Radio Communications Upgrade	\$71,022
Eastlake	Energy Conservation	Power Systems Upgrade	\$118,038
Fairport Harbor	Energy Conservation	Safety Forces Radio Communications Upgrade	\$50,000
Grand River Village	Energy Conservation	Roof Village Hall, Windows	\$50,000
Kirtland	Advanced Energy	Safety Forces Radio Communications Upgrade	\$55,500
Kirtland Hills	Energy Conservation	Comprehensive Energy Efficiency Improvements	\$50,000
Lakeline Village	Energy Conservation	Comprehensive Energy Efficiency Upgrades	\$50,000
Leroy Township	Energy Conservation	Retrofit Township Property Buildings	\$50,000
Madison Township	Energy Conservation	Gas-fired Radiant Tube Heaters	\$35,000
Madison Township	Energy Conservation	Energy-efficient Lighting at Township Administration Building	\$16,069
Madison Township	Energy Conservation	Insulation at Township Building	\$5,241
Madison Township	Energy Conservation	Energy Audit	\$6,000
Madison Township	Energy Conservation	Retrofit of Township Building	\$76,233
Madison Village	Energy Conservation	HVAC Road Garage	\$12,200
Madison Village	Energy Conservation	Windows Stratton Place	\$4,600
Madison Village	Energy Conservation	HVAC Village Hall	\$22,500
Madison Village	Energy Conservation	Water Heater Village Hall	\$4,100
Madison Village	Energy Conservation	Windows in Village Hall	\$6,600
Mentor	Energy Conservation	Radio System	\$450,000
Mentor-on-the-Lake	Energy Conservation	Multiple Energy Saving Projects	\$19,310
Mentor-on-the-Lake	Energy Conservation	Lighting Replacement and Insulation	\$28,245
Mentor-on-the-Lake	Energy Conservation	Water Tank, Doors, Light Bulbs	\$4,491
Mentor-on-the-Lake	Energy Education	Computer System to Support Cable-Based Education	\$10,059
Mentor-on-the-Lake	Energy Conservation	Exterior LED Lights	\$14,995
Painesville Township	Energy Conservation	HVAC, Insulation, Radio Safety System	\$121,980
Perry Township	Energy Conservation	Windows and Entry Foyers	\$33,400
Perry Township	Energy Conservation	Insulate, Drywall, Heating	\$16,600
Perry Village	Energy Conservation	Safety Forces Communication System	\$30,000



# Community Grants

## LAKE COUNTY continued

Perry Village	Energy Conservation	Furnaces and Air Conditioners Village Hall	\$20,000
Timberlake Village	Energy Conservation	Windows / Doors Village Hall	\$44,155
Timberlake Village	Energy Conservation	Safety Forces Radio System	\$5,845
Waite Hill	Energy Conservation	Safety Forces Radio Communications	\$34,125
Waite Hill	Energy Conservation	Insulated Steel Doors	\$15,875
Wickliffe	Energy Conservation	Clubhouse Energy Efficiency Improvements	\$24,000
Wickliffe	Energy Conservation	Holiday Lighting	\$5,155
Wickliffe	Energy Conservation	Energy Efficiency Heaters	\$24,500
Wickliffe	Energy Conservation	Windows Replacement	\$11,574
Wickliffe	Energy Conservation	HVAC Replacement Locker Room	\$20,150
Wickliffe	Energy Conservation	Lighting Replacement Service Building	\$8,960
Wickliffe	Energy Conservation	Replace Fluorescent Fixtures Service Garage	\$15,400
Wickliffe	Energy Conservation	Replace Holiday Lighting	\$20,250
Willoughby	Energy Conservation	LED Lights in Traffic Signals	\$32,416
Willoughby	Energy Conservation	Safety Forces Radio System	\$183,173
Willoughby	Energy Conservation	Rooftops and Control Unit	\$44,721
Willoughby Hills	Energy Conservation	Grange Hall Roofing / Venting	\$15,000
Willoughby Hills	Energy Conservation	Air Condition Municipal Complex	\$94,050
Willowick	Energy Conservation	Comprehensive HVAC Replacement	\$120,000
Willowick	Energy Conservation	Municipal Complex Energy Upgrades	\$22,800

## LORAIN COUNTY

Amherst Township	Energy Conservation	Recreational Trail Development	\$50,000
Avon	Energy Conservation	Community Center Restoration	\$170,610
Avon Lake	Energy Conservation	Multiple Building Energy Upgrades	\$201,900
Elyria	Energy Conservation	Restoration of Moen Building	\$428,160
Lorain	Financial Distress	Municipal Stabilization	\$472,680
North Ridgeville	Energy Conservation	Energy Efficiency Truck	\$74,942
North Ridgeville	Energy Conservation	Traffic Signals LED Upgrade	\$23,770
North Ridgeville	Energy Conservation	Insulation City Hall and Town Hall	\$12,205
North Ridgeville	Energy Conservation	Window / Replacement Multiple Buildings	\$15,458
Sheffield Lake	Advanced Energy	Solar Roof Panels and Roof Upgrade	\$74,550
Sheffield Village	Energy Conservation	HVAC Renovation and Lighting Replacement	\$50,000
South Amherst	Energy Conservation	Lighting, Motion Sensors, Traffic Signals	\$46,823

## MEDINA COUNTY

Brunswick	Energy Conservation	Heating Units Replacement Service Garage	\$20,000
Brunswick	Energy Conservation	Light Fixtures in Studio	\$50,000
Brunswick	Energy Conservation	Lighting and Exit Signs	\$28,344
Brunswick	Energy Conservation	2 HVAC Units	\$30,873
Brunswick	Energy Conservation	Roof Coating	\$22,953
Brunswick	Energy Conservation	6 HVAC Units	\$82,700

# Community Grants

PORTAGE COUNTY			
Atwater Township	Energy Conservation	Lights, Heater, Insulation, Truck	\$50,000
Brimfield Township	Energy Conservation	Windows / Thermostats Multiple Buildings	\$9,015
Brimfield Township	Energy Conservation	LED Community Board	\$19,750
Brimfield Township	Energy Conservation	Solar Panels Police Station	\$21,235
Charlestown Township	Energy Conservation	Garage Storage Building Improvements	\$13,225
Charlestown Township	Energy Conservation	Town Hall Lighting / Air Conditioner	\$7,933
Charlestown Township	Energy Conservation	Fire Station Comprehensive Upgrades	\$27,038
Deerfield Township	Energy Conservation	Windows Replacement in Fire Station	\$2,500
Deerfield Township	Energy Conservation	Insulation / HVAC Upgrades Multiple Bldgs	\$43,446
Deerfield Township	Energy Conservation	LED Lights Town Hall / Civic Center	\$4,054
Edinburg Township	Energy Conservation	Windows Replacement	\$11,282
Edinburg Township	Energy Conservation	Natural Gas Furnace/Models Township Administrative/Fire Dept	\$8,900
Edinburg Township	Energy Conservation; Energy Education	Thermal Imaging Technology	\$18,815
Edinburg Township	Energy Conservation	Exterior Door Township Fire Dept/Town Hall	\$3,085
Edinburg Township	Energy Conservation	Comprehensive Lighting Upgrade/Township Buildings	\$7,918
Franklin Township	Energy Conservation	Vapor Street Lamp Replacement	\$46,789
Franklin Township	Energy Conservation	Interior Lighting at Town Hall	\$3,211
Freedom Township	Energy Conservation	Energy-Efficient Roof	\$17,500
Freedom Township	Energy Conservation	Heater Conversion	\$7,950
Freedom Township	Energy Conservation	Window, Door Improvements / Multi- Building	\$24,550
Garrettsville	Energy Conservation	Automatic Water Meter Reading System	\$50,000
Hiram Township	Energy Conservation	Light Fixtures, Air Compressor	\$4,764
Hiram Township	Energy Conservation	Insulation, HVAC, Doors Multiple Buildings	\$31,665
Hiram Township	Energy Conservation	Thermal Imaging Camera	\$8,490
Hiram Village	Energy Conservation	Windows, HVAC, Insulation, Lights Multiple	\$50,000
Kent	Energy Conservation	10 Building Energy Impact Initiative	\$151,438
Kent	Advanced Energy	Hot Water Heated Wash Rack	\$20,000
Kent	Energy Conservation	Water Meters	\$73,162
Mantua Township	Energy Conservation	Multi-Building Upgrades	\$50,000
Nelson Township	Energy Conservation	Energy Restoration Township Community House	\$50,000
Palmyra Township	Energy Conservation	Insulation in Road Department Garage	\$10,000
Palmyra Township	Energy Conservation	Doors and Openers Road Department	\$6,300
Palmyra Township	Energy Conservation	Lighting Replacement Two Buildings	\$11,898
Palmyra Township	Energy Conservation	2 Gas Fired Heaters	\$12,824
Palmyra Township	Energy Conservation	Door Replacements Fire Station	\$8,978
Paris Township	Energy Conservation	Energy Audits	\$750
Paris Township	Energy Conservation	Comprehensive Projects Implementation	\$49,250
Randolph Township	Energy Conservation	Construct Green Township Administration Building	\$50,000
Ravenna Township	Energy Conservation	Administration/Service Buildings HVAC, Windows, Doors	\$64,681
Ravenna Township	Energy Conservation	Service Department Doors	\$4,109
Rootstown Township	Energy Conservation	Self Closing Faucet	\$386
Rootstown Township	Energy Conservation	Energy Efficiency Lighting Garage	\$3,038
Rootstown Township	Energy Conservation	Window Film Doors and Windows	\$7,290

# Community Grants

## PORTAGE COUNTY continued

Rootstown Township	Energy Conservation	Energy Star Hot Water Heaters	\$7,535
Rootstown Township	Energy Conservation	Garage Doors for Maintenance Garage	\$5,066
Rootstown Township	Energy Conservation	Solar Powered Attic Fans Fire Department	\$5,060
Rootstown Township	Energy Conservation	Heating Unit Maintenance Garage	\$2,550
Rootstown Township	Energy Conservation	Insulation Township Maintenance Garage	\$1,830
Rootstown Township	Energy Conservation	Windows for Maintenance Garage	\$2,608
Rootstown Township	Energy Conservation	Windows in Community Owned Home	\$2,690
Rootstown Township	Energy Conservation	Bio-Based Fuel Additives	\$4,166
Rootstown Township	Energy Conservation	Occupancy Sensors in Fire Station	\$1,510
Rootstown Township	Energy Conservation	Skylights (5) in Fire Department	\$5,705
Rootstown Township	Energy Conservation	Energy-Efficient Appliances Fire Station	\$3,276
Shalersville Township	Energy Conservation	Windows, Doors, Computer Boiler System	\$50,000
Suffield Township	Energy Conservation	Windows Township Hall	\$25,500
Suffield Township	Energy Conservation	HVAC, Lights, Insulation, Doors, Water Tank	\$24,500
Windham Township	Energy Conservation	Energy Retrofit Town Hall	\$50,000

## SUMMIT COUNTY

Clinton Village	Energy Conservation	Furnaces, Windows, Light Fixtures	\$50,000
Lakemore	Energy Conservation	Garage Doors	\$6,976
Lakemore	Energy Conservation	Energy Efficiency Service Vehicle	\$12,444
Lakemore	Energy Conservation	Ricoh Copier – Multiple Community Impact	\$5,000
Lakemore	Energy Conservation	Replace Chiller Tower	\$25,580
Macedonia	Energy Conservation	LED Upgrades	\$2,051
Macedonia	Energy Conservation	LED Traffic Signals	\$17,709
Macedonia	Energy Conservation	Traffic Signal Analysis/Conservation	\$70,000
Madison Township	Energy Conservation	Engineering Review and Report Recommendations	\$6,000
Northfield Village	Energy Conservation	Municipal Buildings Energy Improvement Strategies	\$13,188
Northfield Village	Energy Conservation	LEDs in Traffic / Pedestrian Signals	\$14,340
Northfield Village	Energy Conservation	Air Conditioning Units	\$6,760
Northfield Village	Energy Conservation	LED Traffic Signals	\$1,212
Peninsula	Energy Conservation	Replacement Windows	\$19,834
Peninsula	Energy Conservation	Traffic Light Replacement	\$30,166
Reminderville	Energy Conservation	Village Hall Retrofit / Rehab	\$50,000
Twinsburg	Energy Conservation	Residential Homes Improvement Project	\$25,000
Twinsburg	Energy Conservation	3 Hybrid Vehicles	\$107,000
Twinsburg	Energy Conservation	Windows Replacement Government Center	\$47,310

## TRUMBULL COUNTY

Liberty Township	Energy Conservation	LED Lighting / Retrofit Township Building	\$20,000
Liberty Township	Energy Conservation	Bridge Lighting / Materials Upgrade	\$35,000
Liberty Township	Energy Conservation	Township LED Sign	\$28,000
Liberty Township	Energy Conservation	Restoration Bathrooms / Concession Stand	\$25,870
McDonald Village	Energy Conservation	Flex Fuel Vehicle, Lighting, LED Board	\$50,000
Warren	Energy Conservation	Municipal Building Energy Conservation Project	\$350,340



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