

EnerStar Completes Transition to LED Outdoor Lighting

Get 2016 Technology at 1998 Pricing

When night falls, it can get pretty dark in the countryside. Outdoor lighting, often referred to as security lights, brightens up walkways, sheds and backyards, at even the most remote homesteads.

In 2005, federal legislation banned the sale of traditional outdoor mercury-vapor (MV) lights. Many years before that, the cooperative had switched to high pressure sodium (HPS) lights. While the lumens, a measurement of the amount of light emitted, was virtually the same for these two lights, some members did not like the orange hue of the HPS lights and felt it was not as bright.

Fast forward to today, EnerStar CEO Mike Clark is pleased to announce that EnerStar has successfully transitioned all its cooperative-owned rental lights to LED lights.

There are many environmental benefits to using LED technology in outdoor lighting. The biggest is the energy savings. LEDs use 2.5 times less energy than an HPS and 4 times less energy than a MV. "That is significant energy savings," said Clark. He added that LEDs do not include any mercury or other known disposal hazards, so there are no special disposal issues as with a CFL bulb.

There are other benefits as well. LED lighting is fully illuminated when turned on and does not take time to "warm up." They are not sensitive to humidity or low temperatures. The life span of the LED is expected to be greater as well. Each LED light is expected to last 12–14 years, compared to traditional yard lights.

"Overall, most members have been pleased that the LED is a brighter white light," said Clark. "They are not an orange light like the sodium vapor lights." The illumination can be directed so that light pollution is minimized.

EnerStar has chosen LED lights with a "smart design." Like traditional lighting, a photocell triggers the bulb to turn on and off. But eventually, the LED light "learns" its geographical location and remembers it. So if, or we should say when, the photocell malfunctions, the light continues to operate properly.

"We often had to roll a truck, almost on a daily basis, to replace bad photocells and bulbs," said Clark. "So this technology will reduce fleet operating costs."

He added that members wanting to purchase LED outdoor lighting should contact the office for more details. Clark concluded by saying, "Overall,

it is a green program whether that is energy efficiency and less windshield time on our trucks. I expect many benefits for the cooperative and our members."

LED Outdoor Lighting Choose what works best for you:

Rent or Purchase

**Cooper
Caretaker**
5-year warranty

\$125.00 plus tax



Evulma
10-year warranty
\$200.00 plus tax

Free installation with purchase.
Member pays KWH on monthly bill.
Service charge for Enerstar to maintain.

LED Monthly Rent

\$9.00 per month

With a rental, KWH and maintenance included in the monthly charge

COOPERATIVE HEADQUARTERS
EnerStar Electric Cooperative
11597 Illinois Highway 1
Paris, IL 61944

TELEPHONE
800-635-4145
PAY BY PHONE
888-999-4201

OFFICE HOURS
Monday through Friday
7:30 a.m. to 4:30 p.m.

*Serving the Illinois
counties of Edgar,
Clark, Vermilion,
Douglas and Coles.*

Petitions Available for March Board Elections

EnerStar's 78th Annual Meeting is just around the corner and cooperative members have the opportunity to run in the upcoming board of directors election. Members who are eligible candidates and can commit the time and energy to the member-owned corporation may want to consider this opportunity.

The role of director is a huge commitment – of time, energy and education – more than most members realize. Thankfully, there are members who are willing to serve in this important capacity. Decisions made can affect the membership into the next generation.

For the 2017 election, EnerStar has three director seats, which are three year terms in Districts 1, 5, and 9.

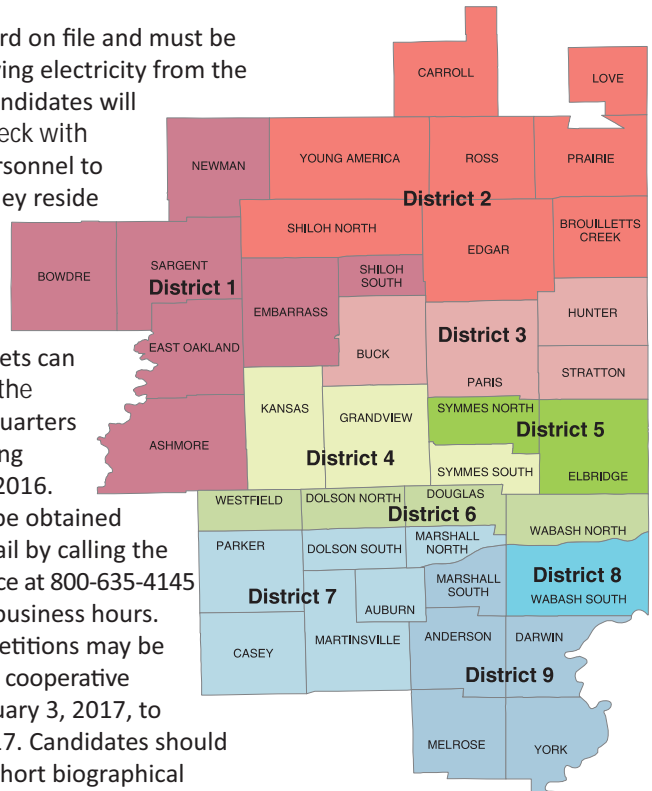
Members interested in running for the board should contact the cooperative office to verify eligibility and receive a petition packet. The packet includes all the necessary information one would need to learn more about the cooperative and the role of the director.

Board petitions require the signatures of 15 EnerStar members who live in the candidate's Voting District. All members signing petitions must have an original

membership card on file and must be currently receiving electricity from the cooperative. Candidates will also need to check with cooperative personnel to make certain they reside within the correct Representative District.

Petition packets can be obtained at the EnerStar headquarters in Paris beginning November 29, 2016. They may also be obtained via mail or e-mail by calling the cooperative office at 800-635-4145 during normal business hours.

Completed petitions may be turned in to the cooperative office from January 3, 2017, to January 17, 2017. Candidates should also provide a short biographical sketch, 250 words or less, and a digital photo to be published with the Annual Meeting Notice. Candidates should also make plans to attend the 2017 Annual Meeting of Members on Saturday, March 18, in the Crestwood School gym in Paris.



3 Voting Districts

A	B	C
1	4	7
2	5	8
3	6	9

Voting Districts A, B, and C each contain three Representative Districts in shades of red, green, and blue, respectively.

VOTING

Voting District A -
Representative District 1
Currently served by
Jeff Zimmerman, Oakland

The Townships of Newman, Bowdre, and Sargent in Douglas County, Illinois; the Townships of East Oakland and Ashmore in Coles County, Illinois; the Township of Embarrass in Edgar County, Illinois; and all that portion of the Township of Shiloh lying south of the 1800th Road in Edgar County, Illinois

3 year term

Voting District B
Representative District 5
Currently served by
Robert Staley II, Paris

The Township of Elbridge in Edgar County, Illinois; all that portion of the Township of Symmes lying north of the 400th Road and west of Illinois Highway 1 in Edgar County, Illinois; and all that portion of the Township of Symmes lying north of the 300th Road and east of Illinois Highway 1 in Edgar County, Illinois

3 year term

Voting District C -
Representative District 9
Currently served by
Danny Gard, Jr., West Union

The Townships of Anderson, Darwin, Melrose, and York in Clark County, Illinois; and all that portion of the Township of Marshall lying south of Interstate Highway 70 in Clark County, Illinois

3 year term

Landfills: An important renewable energy source

New Landfill Gas Plant to Open Near Buffalo, Indiana

Solar power and wind farms have long been used as renewable energy sources in the Midwest. But in 2002, Wabash Valley Power, the wholesale power provider to EnerStar Electric Cooperative, was one of the first utilities to use a much more unexpected resource for green energy—landfills.

Built to minimize the impact on the environment, landfills have a unique ecosystem. Some materials, like plastics, are recyclable.

Biodegradable materials such as food, leaves, and grass clippings can be removed and composted. It's what's left behind in the landfills that offers a great source for energy.

Reduces Greenhouse Gas Too

Besides powering homes, converting landfill gas to energy helps to reduce harmful methane gas emissions.

According to the Environmental Protection Agency, getting rid of

300 cubic feet of landfill gas per minute—the amount found in approximately one million tons of waste—has the same effect as removing over 1,000 cars from the road for a year or planting nearly 5,000 acres of trees. When you add it up for Wabash Valley, it's like removing over 55,000 cars from the road for a year or planting more than 250,000 acres of U.S. Forest.*

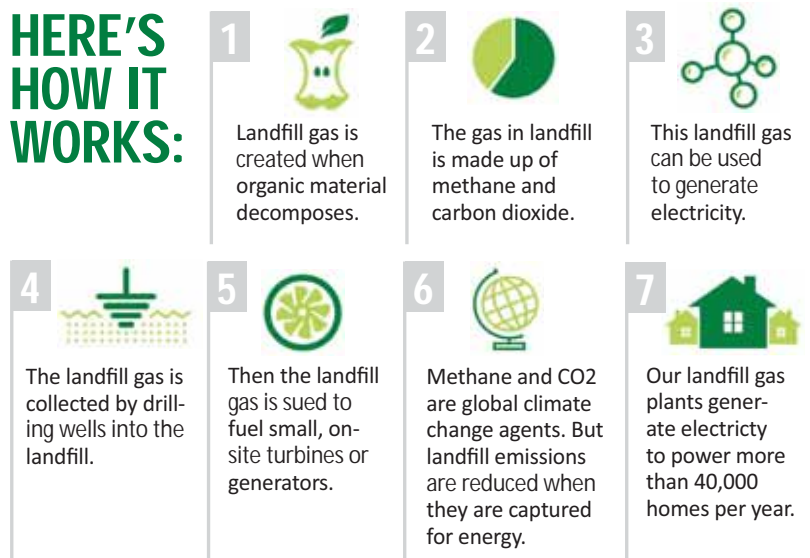
Those figures should make us all breathe a little easier.

Who is Wabash Valley Power?

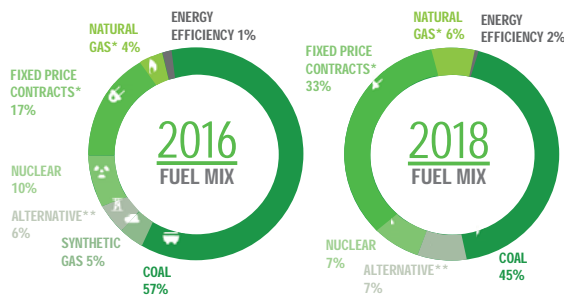
Wabash serves nearly two dozen electric cooperatives in Indiana, Illinois, and Missouri that together serve over 300,000 homes, schools, farms, and businesses. WVPA supports renewable energy by owning landfill gas generation and purchasing the output from wind farms and biogas generators. Wabash Valley Power sells, separately, the environmental attributes associated with this generation to its members and third parties, and therefore does not claim the generation as renewable within our own supply portfolio. To purchase renewable energy credits, contact your local co-op.

Now, after 14 years of providing this energy source, Wabash Valley Power will dedicate a new landfill gas plant in Buffalo, Ind. In whole, the nonprofit's 16 landfill gas plants will generate 53.6 MW of landfill gas electricity, enough to power 40,000 homes.*

HERE'S HOW IT WORKS:



POWER SUPPLY PORTFOLIO



Wabash Valley Power owns 16 landfill gas plants. Each of our landfill gas plants can produce about 3.2 megawatts of electricity each year, but they're just one piece of the diverse fuel mix that ensures reliable, affordable electricity for our members

***Wabash Valley supports renewable energy by owning landfill gas generation and purchasing the output from wind farms and biogas generators. Wabash Valley Power sells separately the environmental attributes associated with this generation to its members and third parties, and therefore does not claim this generation as renewable within our own supply portfolio. To purchase renewable energy credits (RECs), contact your local co-op*

*As of June 30, 2016

Wabash Valley Power Wabash Valley Power

10 Scholarships worth \$2000 each!

Thomas H. Moore

IEC Memorial Scholarship Program

Ten scholarships will be awarded for the 2017-2018 school year.



5

Scholarships are available for the sons/daughters of Illinois cooperative members for any two or four year accredited college in the United States.

1

Scholarship is reserved for the son/daughter of an Illinois cooperative employee or director for any school in the United States.

3

Scholarships are available for the sons/daughters of Illinois cooperative members, employees, or directors for any Illinois community college.

1

Scholarship is reserved to help pay for costs to attend lineworker's school conducted by AIEC in conjunction with Lincoln Land Community College in Springfield, Illinois. This Scholarship is for the son or daughter of an Illinois Cooperative member, employee, or director; an individual who has served or is serving in the U.S. armed forces or National Guard; or an individual enrolled in the Lincoln land lineworker's school.

The deadline for general scholarships is **December 31, 2016**

The deadline for the lineman's scholarships is **April 30, 2017**

Find an application at:

www.enerstar.com



Office Closing

**Christmas on
December
23 & 26.**

**New years
December 30
& January 2**

Youth to Washington

Candidates sought to represent EnerStar

For over 50 years, the electric cooperatives of Illinois have given tomorrow's leaders the opportunity to learn from today's public officials. And EnerStar is on the hunt to for two outstanding students to represent our cooperative at the Youth Tour this year.

EnerStar's Youth Tour is actually two separate events: **Youth Day in Springfield on April 5, 2017**, and the week-long, all-expense paid **Youth to Washington trip on June 9 - 16, 2017**.

Candidates should be high school sophomores or juniors in the fall of 2016. In addition, candidates must reside in the EnerStar service territory and receive their electricity from EnerStar.

To learn more and apply online, visit <http://www.enerstar.com/>

content/youth-tour by December 31, 2016. If you have any questions, please contact EnerStar's Angela Griffin at 800-635-4145, extension 103 or via email at agriffin@enerstar.com.



Sydney Martin and Andrea Powers, both of Paris, attended the 2016 Youth to Washington trip and encourage students to apply for next year's event.