

20 kW by 2020

The West Bloomfield High School EARTH Club (Environmentally Aware, Ready To Help) is currently seeking matching grants, gifts and financial support from individuals, community agencies, businesses and corporations in order to achieve our goal to completely power the West Bloomfield High School Science Department with solar energy by 2020.

The entire effort from start to finish is being planned, led, and implemented by WBHS students in STEAM classes and EARTH.

We hope to raise initial money to pursue matching grants with our two seed fundraising campaigns:

1. WBHS + Arcadia Power: EARTH club is teaming up with Arcadia Power to supply 50% of your electricity with renewable energy for NO EXTRA COST! You pay the exact same electrical bill, but 50% of your use is generated by wind, you get \$5 off of your first bill **and** Arcadia Power donates \$5 to the EARTH club.
2. LED Deployment and Donation Program: Replace your most used bulbs with LED Bulbs, save \$139 in electricity costs per bulb and support our efforts to install renewable energy!

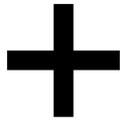
See the attached for more information and thank you for supporting renewable energy in Michigan and in our schools!

For more information, please contact

Joshua.Barclay@wbsd.org

or

info@wireWB.org



Arcadia Power

= support for WBHS EARTH club and clean energy for your home!

<http://arcadiapower.com/wbhs>

West Bloomfield High School EARTH club is teaming up with Arcadia Power to raise money for an ambitious new solar array project, and also supply anyone and everyone in West Bloomfield with clean, renewable energy, with a plan available that is absolutely no extra cost to you!

If you simply sign up for the free plan at the link: <http://arcadiapower.com/wbhs> Arcadia Power will offset half of your electricity use with renewable energy, will take \$5 off your first bill AND will automatically donate \$5 to the EARTH club to help fund our 20 kilowatt solar project! By signing up, 50% of the electric energy you use through your electric utility will be supplied (through Renewable Energy Credits) by renewable wind energy, and all for free! It seems too good to be true, but Mr. Barclay has checked it out and it is legitimate, is backed up by the Better Business Bureau, certified by Green-e, and has even been promoted by both the *League of Conservation Voters* and the *Sierra Club*. There is no catch whatsoever, Mr. Barclay personally guarantees it!

If you wish to do even more for the planet and for the EARTH club's solar project, you can sign up for the premium plan, pay an additional 1.5 cents more per kilowatt-hour you use at your home, 100% of your energy will be supplied by wind energy, and Arcadia Power will send \$25 to the EARTH club! We're encouraging everyone to sign up for the free 50% plan, but if you want to be a super eco-hero and get 100% of your electricity from wind, the premium plan is for you.

No new wiring or work on your home is required. Nothing will change except whom you pay for your electric bill, and also more of our country's electricity will be generated by wind. Signing up is free and easy! By signing up you also get a bonus \$5 off your first electric bill with Arcadia Power. If you have further questions, contact Joshua.Barcly@wbsd.org, or see <http://bit.ly/arcadia-video>. Please see below for more information from Arcadia Power:



Arcadia Power

Arcadia Power's Mission

We were founded with one simple mission in mind: to make our world better by changing the way we power our homes and businesses from fossil fuels to clean, renewable energy.

Our certifications

We're a Certified B Corp and are rated by the nonprofit B Lab to meet high standards for having a social and environmental impact on the world. Arcadia Power renewable energy certificates (RECs) are certified through Green-e Energy, the nation's leading certification program for renewable energy. We're accredited by the Better Business Bureau and have an A+ rating based on strict standards set forth by the BBB.

Clean energy for anyone

Arcadia Power gives homeowners, renters, and businesses in all 50 states who pay a utility bill a simple way to choose clean energy. We put the power back in the hands of the consumer and foster a community dedicated to conservation and sustainability.

Why clean energy

Producing the average home's electricity requires over 275,000 gallons of water, burning 8,180 pounds of coal, and producing over 14,500 pounds of CO₂, every year (source: EPA). With clean energy, those numbers go to zero. You can track your detailed impact every month, and see which wind farms you are supporting in your energy dashboard.

Sign up in 3 minutes

You can sign up today in just 3 minutes. All we need is your local utility information and preferred method to pay your utility bills each month. We will get your account set up right away and your service will start with your next utility bill.

How it works

Once your service starts, our platform monitors your monthly electricity usage via your local utility and buys Green-e Energy certified renewable energy certificates (RECs) from wind farms to match your monthly usage – at no cost or commitment. This certifies that the energy you consume is produced and put into the grid from pollution-free wind farms. We send you a single monthly bill that includes your local utility charges and clean energy.

It's free!

Anyone can sign up to match 50% of their monthly usage with clean energy for free – absolutely no cost or commitment. People who want to take the extra step can sign up for 100% clean energy at a premium of 1.5c per kWh – which only comes to a few extra dollars per month for the average user!

Your personalized energy experience

Access your personal energy dashboard on desktop or mobile to track your usage, consolidated bills, and the positive impact you are having each month. Earn rewards, save money, and multiply your impact by referring your friends and family.

On-Bill financing and community solar

Arcadia customers can purchase LED light bulbs, smart thermostats, and other energy-efficient products for \$0-down, and we give them early access to bill savings through community solar programs.

Worry free utility payments

We send you a single monthly bill that includes your local utility charges and clean energy. Our proprietary billing system makes sure your utility bills get paid on time each month. You'll receive statement alerts 72 hours prior to payment and you can sit back and relax knowing your bill is taken care of. Best of all, we provide you the option to pay via Credit Card, Debit Card, or Bank Account.

Get rewarded by sustainable brands

We reward you with exclusive discounts from our sustainable partner brands such as Nest, The Honest Company, and NatureBox that you can claim right through your energy dashboard.

Refer friends, earn savings, and increase your impact

Multiply your impact and earn up to \$25 off your utility bill for each person you refer to Arcadia Power. There's no limit to how much you can earn, and your friends save up to \$25 too! Make sure to send them the link <http://arcadiapower.com/wbhs> so WBHS EARTH can get donations!

Save the Planet, Save Cash, and help WBHS EARTH club with LED Light Bulbs

The **EARTH** club (**E**nvironmentally **A**ware and **R**eady **T**o **H**elp) wants to help you save money, save the earth, and fund our newest project, the largest solar array of any high school in Michigan! Our LED fundraiser will do all three! LED bulbs use $\frac{1}{4}$ of the energy used by incandescent bulbs, and have to be replaced only once every 22 years! Not only are you saving energy and reducing pollution with these bulbs, but you are also saving money... A win win win!

Replace an incandescent bulb with your brand new LED bulb to...

- **Save \$139 in energy costs** over the life of the bulb
(assumes 11¢ per kWh for 25,000 hours compared to 60 W incandescent)
- Save even more money on new bulbs since it only has to be replaced once every **22 years**
- **Prevent 1300 pounds of Carbon Dioxide Pollution** from entering the atmosphere.

All bulbs are mercury free, non-toxic, RoHS compliant, and returnable if not completely satisfied.

These bulbs work best with these dimmers: **Feit Electric:** 72300, 72301 & 72302
Leviton: 6681, 6683, TG-6641 & 6631-P **Lutron:** D600P, D603P, DV600P, DV603P, AY600P, AY603P, S600, S600P, S603P, TG600P, TG603, TTCL-100H, LGCL-153P, AYCL-153P, CTCL-153P, DVCL-153P & TGCL-153P

Models currently in stock, both equivalent quality, brightness and efficiency:

Feit Electric Conserv-Energy
Dimmable 60 Watt Replacement
(uses only 9.5 Watts)
2700K soft white color
Order # BPCEAG800/927/LED/3



Feit Electric Conserv-Energy
Dimmable 60 Watt Replacement
(uses only 9.5 Watts)
2700K soft white color
Order # CEOM60/927/4



All donations made for these highly efficient and RoHS compliant LED light bulbs go toward our proposed 20 kW solar project

(check off your choice, and return cash or a check made out to West Bloomfield High School, with EARTH in the memo)

For each 60 W replacement bulb:

- \$4.50 will recover the costs to the EARTH club for this program
- \$6.00 will recover the costs and allow us purchase 1% of a solar panel
- \$7.50 will recover costs, and allow us purchase 2% of a solar panel
- \$12.00 will recover costs, and allow us purchase 5% of a solar panel
- \$ _____ Other donation amount- all donations will go toward our goal of 20 kW by 2020.

If you are an EARTH club member, and unable to pay for the bulb, you may keep it as a gift from the EARTH club if you return this pledge:

I will immediately replace a heavily used incandescent bulb with this LED. Signed, _____

If for any reason you are not satisfied please return the bulbs to Mr. Barclay c/o EARTH Club, for a full refund. Contact Mr. Barclay at Joshua.Barclay@wbsd.org if you have any questions or problems. Thanks!

Name _____

Email Address: _____

Phone number _____

of 60 W replacement bulbs requested _____ x donation per bulb _____ = total: _____

Total donation = _____

Please send cash or check made out to West Bloomfield High School, 4925 Orchard Lake Rd, West Bloomfield, MI 48323 with EARTH in memo, Attn: Mr. Barclay, room 501

(Bulb quantities are extremely limited, and may not be available, but we will try our best!)