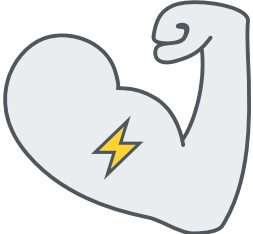


Solar is a win all around!

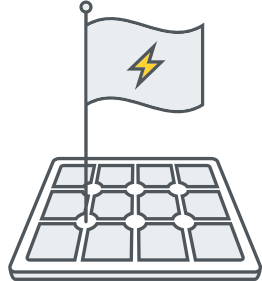
Own your power

Energy is the world's most valuable commodity. And up until recently, sourcing it ourselves has been completely out-of-reach. But now, with a clean, simple solar array on your very own rooftop, you can have your own energy supply, and protect yourself against the whims of the predatory market.



Declare energy independence

There's enough sunshine on our own rooftops to meet all our energy needs. What we generate ourselves, we don't have to buy from our local utility, or, even more importantly, from hostile regimes. With a simple solar array, expertly installed by the techs at KW Solar, you can make your own squeaky clean electricity for decades, and free yourself from reliance on questionable sources.



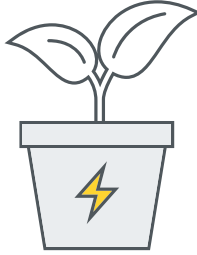
Save money

Solar is an investment. That means you have to pay money to get it, but it saves you way more in the long run. All that sunshine beating down on your roof, cooking your attic, can be harnessed to power your life. When you can make your own electricity without lifting a finger, you don't have to buy it from The Man.



Promote sustainability

The sun is a great source of energy. It's clean, it's conflict free, and in the unlikely event it burns out, we have way bigger problems than high energy bills. Renewables are well on their way to dominating our energy future, so let's all take a deep breath of emissions-free air and embrace the world's raddest renewable energy source.



- Basically everyone
Seriously. Check the reviews.



www.kw.solar



We salute you.

Saving **big** on solar.



30% off with solar tax credit

The Solar Investment Tax Credit is a federal rebate that returns **30% of the cost of your system.** When you go solar, you'll see thousands more dollars on your next tax return! KW Solar will provide you all of the docs you need to claim it.



SolarSPARC Rebate

Green Mountain Energy has been a driving force in solarizing Texas, and continues to bring innovation and support to the industry. Sign up for Green Mountain's net metering energy plan, and get this sweet rebate on your KW Solar PV system.

Save **\$1,620 - \$5,625** (depending on system size)

MDAnderson Cancer Center

People all over the world benefit from the good work being done by the people at MD Anderson, and we want to do good work for you.

Employee Discount Program

\$500 + **\$500** = **\$1000**
off of your solar installation donated to the cause of your choice total added value

HOW SOLAR WORKS

What's in a grid-tied solar system?

Solar panels are attached to your roof, where they absorb light energy from the sun and convert it to electricity. This is achieved through the "Photovoltaic Process", which may seem like magic, but has been around for over a hundred years.

The electricity produced by the panels is DC (direct current). It works the same way a battery does, but the loads in your house use AC (alternating current). So it has to go through an inverter to get – you guessed it – inverted.

The **inverter** is a device about the size of a human torso that hangs on the wall. When your homemade energy is converted to AC, the inverter sends it on to your breaker box, where it taps into the line between the breakers and the meter. From here, the energy can be used inside your home, or pushed back to the power grid.

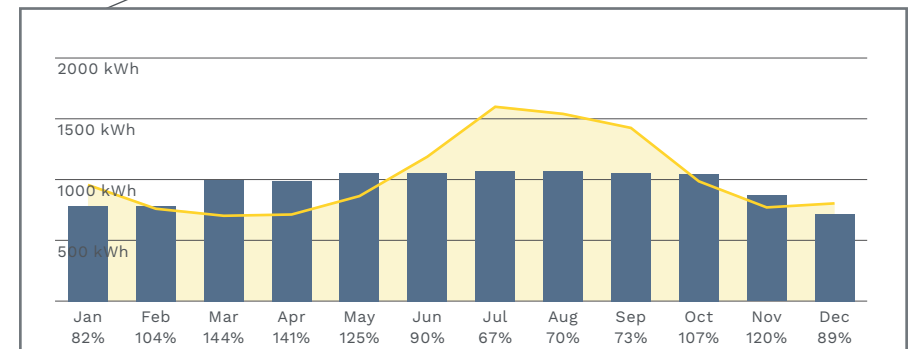
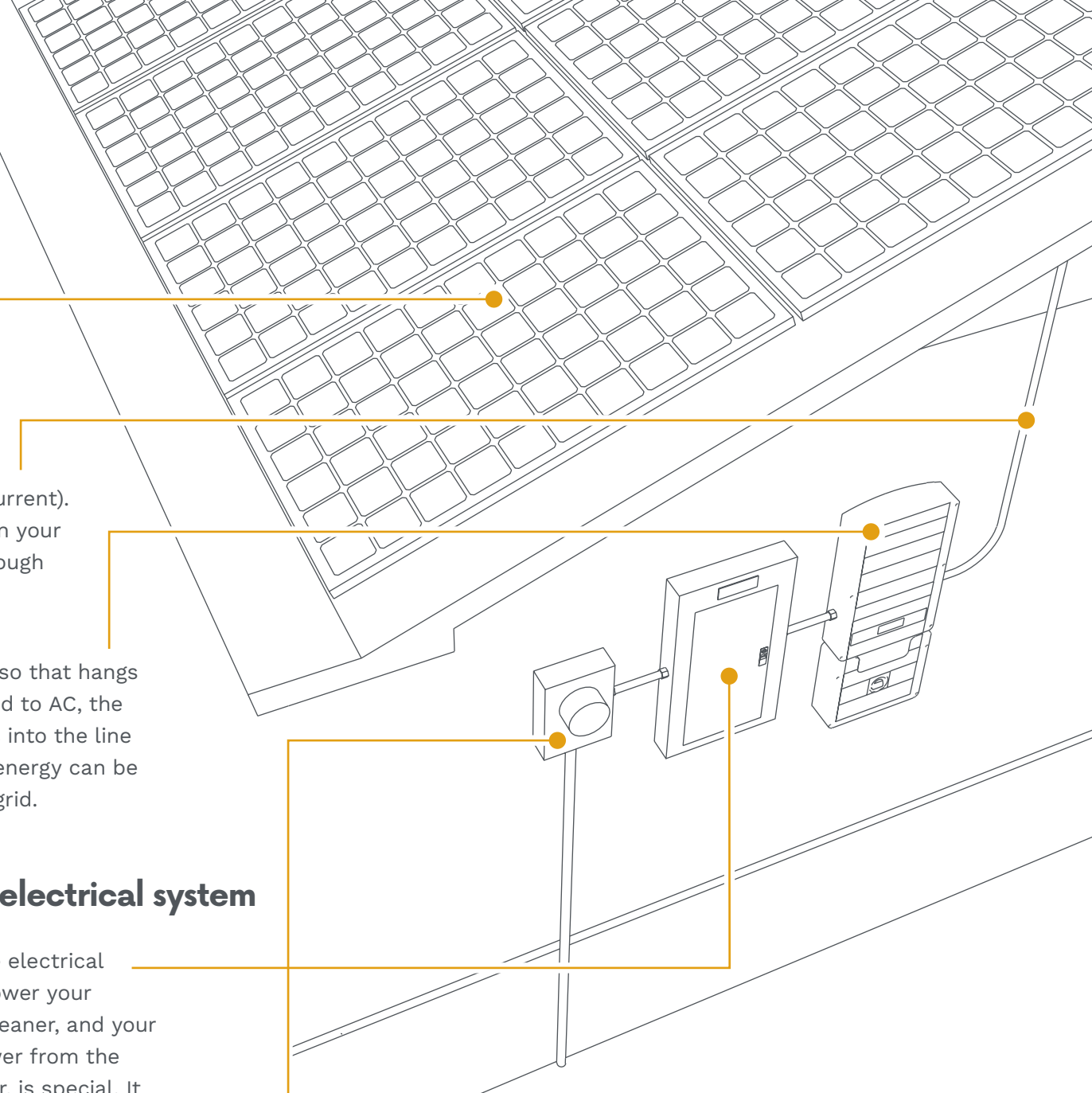
Solar easily connects to your home's electrical system

Every home has a **breaker panel**. This is where a large electrical conductor is separated into numerous circuits that power your lights, your air conditioner, your dryer, your vacuum cleaner, and your margarita machine. Most breaker panels get their power from the utility, through the meter. Your breaker panel, however, is special. It will also get power from your solar panels, through the inverter.

The **meter** is attached to your home, but is actually owned by your utility. It keeps track of how much electricity flows through it, which lets your energy provider know how much to bill you. When your solar makes more energy than you're using, it pushes the rest back out. And yes, it makes your meter run backward!

Net Metering

When your solar produces more energy than you use in your home, the excess goes back to the grid. Choose an energy provider that offers a solar buyback plan, so you'll get credit (money!) for the extra energy you produce.



■ Energy Usage ■ Solar Production

This usage graph shows a production surplus in the spring and fall, when energy demands are low (think AC off, windows open). These credits will help pay for the hot summers when the air conditioner is on non-stop.

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