



Powerful Solutions That Put You in Control

Ready to make your farm or ranch more energy and cost efficient? We're here to help. Start with simple, no-cost, temporary actions that instantly conserve energy, and consider easy-to-implement equipment upgrades that will permanently reduce energy consumption. We invite you to take advantage of tools, tips, and financial incentives — all customized for agricultural businesses like yours, to help you keep margins profitable. Consider us your source for energy management solutions, with the resources you need to get started.

Make a savings plan.

Agricultural businesses need reliable, affordable energy to keep crops and livestock healthy. Knowing where you use energy can help you identify ways to reduce your electricity use, which can have a positive impact on your overhead. Start with an **Energy Audit** — an analysis of your current energy use to identify savings opportunities, customized to your business. Our customers who implement Energy Audit recommendations typically benefit from reduced energy use and lower operating costs. Visit us at [sce.com/businessadvisor](https://www.sce.com/businessadvisor) and learn more about how you use energy and simple steps that can help improve your bottom line.



Eliminate Energy Guzzlers

Consider participating in our **Express Solutions** or **Customized Solutions** programs, developed with your industry in mind. Investments in new, energy-efficient equipment, infrastructure improvements, and facility upgrades pay off in the long term — and many qualify for incentives right now.

Demand Response

Demand Response rewards you for reducing energy usage when demand for electricity is highest — typically the summer months — and when rates are highest, too. If your business has the flexibility to shift energy usage, you could plug into serious savings. We offer several Demand Response programs so you can choose the best option(s) to suit your business needs.

Sign up for **Critical Peak Pricing** and get rewarded for voluntarily reducing electricity consumption during CPP “event” hours when energy conservation during peak hours is most needed.



Want more control over when — and how much — you reduce your demand? If you can actively monitor and reduce your energy usage on hot summer days when prices peak, **Real Time Pricing** may benefit your operation. With **Automated Demand Response**, you can reduce with a click, so it’s even easier for you to save both time and money.

Small Steps to Control Your Energy Expenses

A few targeted changes in your operations and equipment management can really add up. Many ways to save require little or no financial investment.

Pump It Up

It requires a significant amount of energy to power a water pumping system. If any pump is not working to specifications, or if the pumping requirements have changed, it's possible the pump could be using power inefficiently. We offer free pump testing services to qualified businesses that provide you with information so you can assess your overall pumping performance. Testing helps identify current or potential problems, allowing you to take measures, like those listed below, to improve operations and lower your energy cost.

- Replace sprinklers to **drip irrigation** for field vegetables, deciduous trees, and vineyards
- Upgrade to **high-efficiency pumps**
- Where possible, shut off pumps during peak hours
- Decrease use of aerators during peak hours
- Use **variable-speed drive controls** for pumps instead of valving down
- Pump water into a reservoir prior to peak hours
- Install **irrigation systems** that use water and electricity more efficiently, then manage and maintain the system equipment

Keep Your Cool

Refrigeration can be a big energy hog for an agribusiness. Upgrades to optimize your units can make a big impact on your bottom line.

- Insulate bare suction lines
- Pre-cool, then reduce or shift refrigeration load
- Install **refrigeration curtains**, and/or **auto door closers** on refrigeration units
- Add **temperature controllers** to your refrigeration units
- Upgrade to **high-efficiency fans** and **programmable thermostats**

Power Down

Make sure your equipment, motors, and facility aren't using energy unnecessarily, and turn equipment off when not in use — it can make a real difference on your bill.

- Charge batteries and battery-operated equipment before or after peak hours
- Reduce or shift production tasks
- Practice preventative maintenance on motor systems
- Install **automatic shut-off devices** to reduce peak demand
- Install a **variable frequency drive (VFD)** to control the motor speed. VFDs can help you achieve significant power savings
- Turn off vertical lifts, conveyor belts, and non-essential process equipment
- Optimize system efficiency through smart **SCADA** controls, **condensers**, **premium efficient motors**, **compressors**, and **compressed air**

Flip the Switch

Brighten your business forecast by dimming the lights...you'll be surprised how much lighter your energy load will be.

- Swap your incandescent bulbs for energy-efficient **LEDs**
 - Install **occupancy sensors** in general usage areas so that lights turn on only when area is occupied and automatically turn off when it isn't
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Power Tools for Long-Term Savings

One-Stop Shop

My Account is your business energy-use command center, where at a glance you can view usage history charts, track your current use and your projected bill, and access your daily demand report. Having all the information about your energy use — past and present — is a powerful tool to help plan your budgets and find ways to conserve and save in the future.

Take the Guesswork Out of Your Monthly Bill

To help you stay in control of your costs, My Account also includes **Budget Assistant**, a free and easy-to-use tool to help you plan and manage your bill, and keep you within budget. You can set monthly spending goals online, and set alerts to keep you on track. Budget Assistant monitors your usage for you, and gets in touch — by your choice of phone, email, or text — with automated updates for a whole new level of convenience and control.

Finance for Free

We offer **On-Bill Financing** to help your business spread out the cost of qualifying energy efficiency upgrades over time, at no fee to you and with zero interest. Payments may even be offset by savings resulting from your efficiency investments. Some equipment may also qualify for financial incentives — making it even more attractive to upgrade.

Go Retro

Retrocommissioning (RCx) will help keep your existing equipment and systems operating more efficiently. For agricultural businesses, RCx generally focuses on motors and pump improvements.

Design to Save

Savings By Design encourages high-performance, non-residential building design and construction by providing financial incentives, detailed analysis, and design support.

Green, Clean Solutions

Embracing innovative energy sources like solar and self-generation can reduce your carbon footprint — and your energy bill.

“ This land is where we make our living, so we know it’s essential to take care of it. The main thing we can do, reducing our power use, helps us all. ”

— Ed Lorenzi, Farm Manager
Sun Pacific

MORE INFORMATION

To learn more about Energy Management Solutions and apply for incentives, visit sce.com/agriculture or call your **SCE Account Manager**.

Programs are funded by California utility ratepayers and administered by SCE under the auspices of the California Public Utilities Commission. Incentives and savings will vary by customer, and SCE does not make any representation herein concerning actual or potential savings amounts. Funds are limited and are available on a first-come, first-served basis until program(s) are discontinued, or until funds are depleted. Terms and conditions may apply.