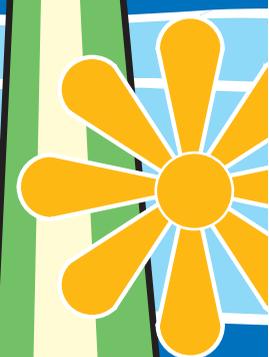
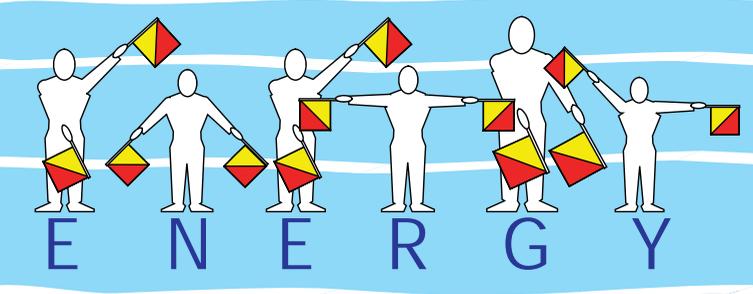
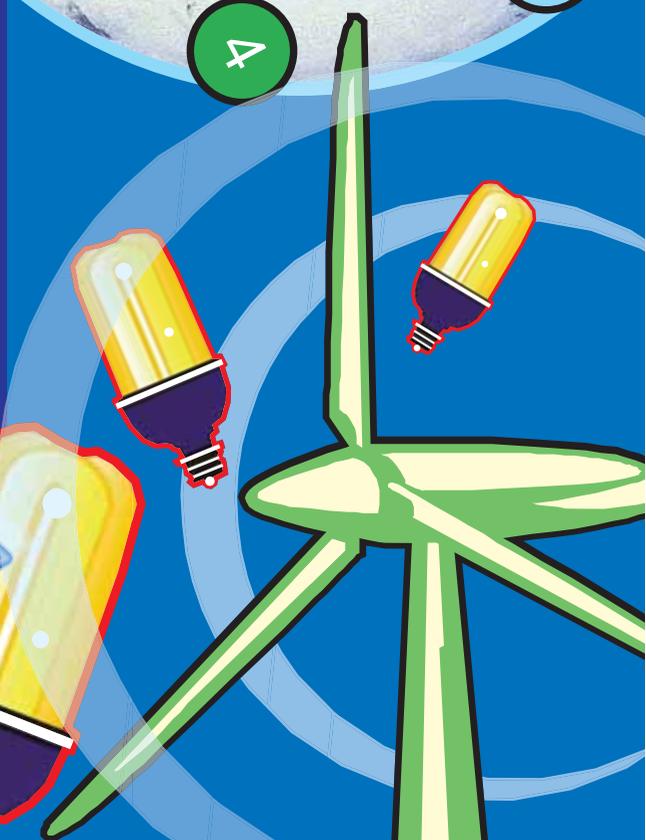
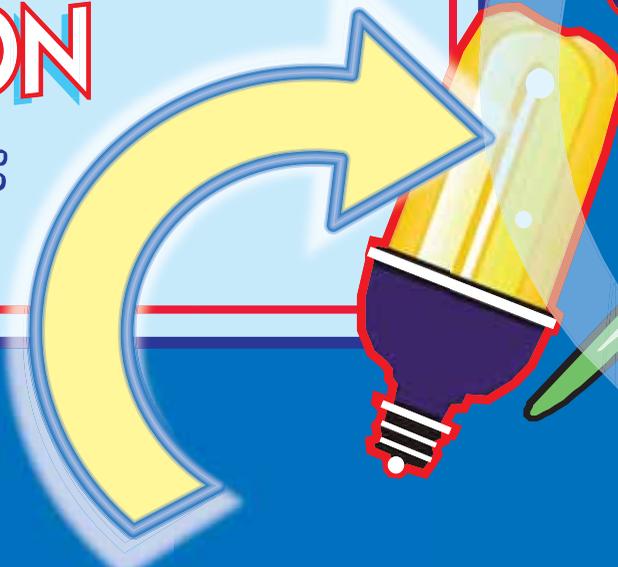




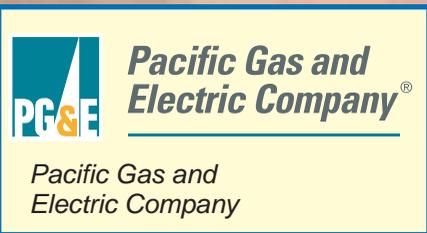
Fun Facts About Energy

ENERGYology
 2008 CALENDAR
from the
CALIFORNIA ENERGY COMMISSION
& the School Kids of California



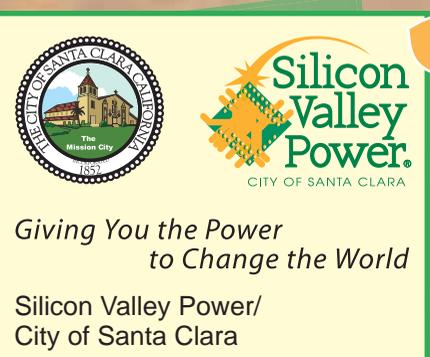
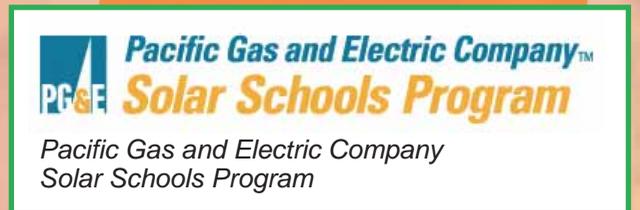
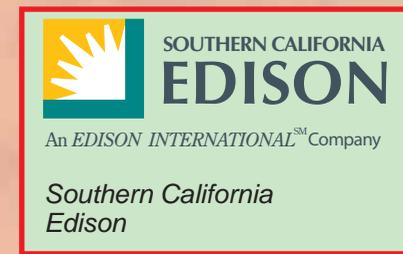
2008 ENERGY

SPONSORS



ENERGYology

2008 Calendar

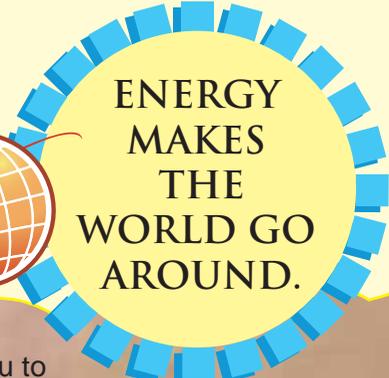


I commend the amazing students, teachers and sponsors who have worked to create this fantastic 2008 Energy Calendar. The creativity and enthusiasm contained in these pages are outstanding examples of how young people are already planning an environmentally responsible future for our Golden State.

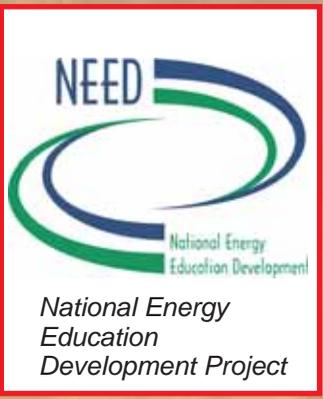
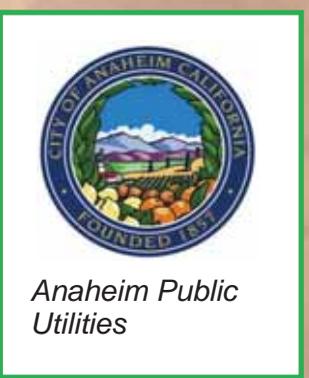
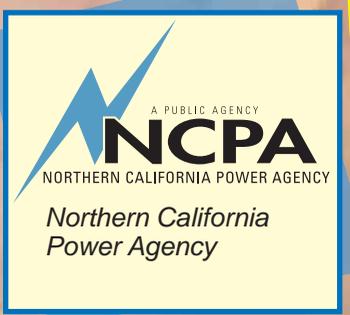
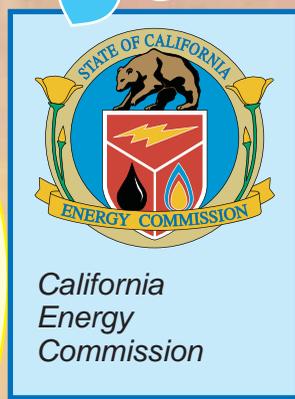
As you will see, California's kids have filled 2008 with many energetic green ideas that affect everything from science and nature to cars and light bulbs. They are showing us terrific ways of how we can conserve our resources and protect our environment in our everyday lives. Throughout this year, I encourage all Californians to be wise in their energy use and to work hard to turn these kids' visions into realities.

Enjoy this calendar, and please accept my best wishes for a happy, healthy and prosperous 2008.

Sincerely,
Arnold Schwarzenegger
Arnold Schwarzenegger



A special thank you to **Pacific Gas and Electric Company** for underwriting the costs of Energy Quest pencils and magnets for the students and to **East Bay Municipal Utility District** for the use of Captain Hydro artwork.

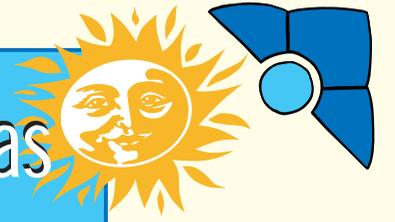




Cool Weather Ideas

You Can Make the Difference!

Warm Weather Ideas



TURN DOWN YOUR THERMOSTAT

For every degree you lower your heat in the 60-degree to 70-degree range, you'll save up to 5 percent on heating costs. Wear warm clothing and set your thermostat to 68 degrees or lower during the day and evening, health permitting. Set the thermostat at 55 degrees or off at night or when leaving home for an extended time to save 5 to 20 percent of your heating cost. Heat pumps should only be set back 2 degrees to prevent unneeded use of backup strip heating.

USE APPLIANCES EFFICIENTLY

Do only full loads when using your dishwasher and clothes washer. Use the cold water setting on your clothes washer when you can. Using cold water reduces your washer's energy use by 75 percent. Be sure to clean your clothes dryer's lint trap after each use. Use the moisture-sensing automatic drying setting on your dryer if you have one.

REDUCE HOT WATER TEMPERATURE

Set your water heater to the "normal" setting or 120 degrees, unless the owner's manual for your dishwasher requires a higher setting. Savings equal 7 to 11 percent of water heating costs.

SHORTEN SHOWERS

Simply reducing that lingering time by a few minutes can save hundreds of gallons of hot water per month for a family of four. Showers account for two-thirds of your water heating costs. Cutting your shower time in half will reduce your water heating costs by 33 percent.

REPLACE FURNACE FILTERS ONCE A MONTH

Dirty filters restrict air flow and increase energy use. Also keep your furnace clean, lubricated and properly adjusted. Savings can be as much as 5 percent of heating costs.

PLUG LEAKS

Install weather-stripping, or caulk leaky doors and windows and install gaskets behind outlet covers. Save up to 10 percent on energy costs.

WRAP THE HOT WATER TANK WITH JACKET INSULATION

This is especially valuable for older water heaters with little internal insulation. Be sure to leave the air intake vent uncovered when insulating a gas water heater. Save up to 10 percent on water heating costs. Check the instructions with your water heater.

INCREASE CEILING INSULATION

If your ceiling is uninsulated or scantily insulated, consider increasing your insulation up to R-49 to reduce heating costs by 5 to 25 percent.

SEAL DUCTS

Leaking ductwork accounts for more than 25 percent of heating costs in an average California home. Consider hiring a contractor to test the tightness of your ducts and repair leaks and restrictions in your ducts.

REPLACE OLD LIGHT FIXTURES

Replacing old incandescent table lamps and light fixtures with ENERGY STAR[®] certified table lamps and light fixtures can cut your electricity costs this winter by 2 percent for each bulb that burns 10 hours a day.

TURN UP YOUR THERMOSTAT

You can help keep your power bills from breaking your budget this summer by setting the thermostat a little higher and using a portable fan. Set the air conditioner at 78 degrees when you're home. The fan will seem to reduce the temperature for the room you are in by 4 degrees. Turn the thermostat to 85 degrees, or off, when you leave. For each degree you set the thermostat above 72 degrees, you can save 1 to 3 percent on your electric bill.

TURN ENERGY OFF

Save as much as 2 percent of your summer bill by turning off appliances, lights and other electronics when you aren't using them.

ALWAYS WASH CLOTHES IN A FULL LOAD

You can reduce your electric bill this summer by doing simple things like washing your clothes in warm or cold water and always rinsing them in cold water. It is easy to do and can save you 4 percent on your energy bill. And avoid using the washer and other appliances during the peak hours between 4 p.m. and 6 p.m.

REPLACE AIR CONDITIONER FILTERS ONCE A MONTH

Reduce your use of electrical juice by taking simple steps, such as replacing your air conditioner filter every month. Dirty filters reduce airflow, cause your air conditioner to run longer and increase your power bill by 1 percent to 2 percent.

PLUG LEAKS

A little home improvement can take a bite out of your energy bills. Save up to 2 percent this summer by weather-stripping, sealing and caulking leaky doors and windows and adding foam gaskets behind your electrical outlet covers.

USE THE DISHWASHER WISELY

Cut your summer electric bill by 1 percent by running the dishwasher when it's full and turning off the dry cycle. And avoid running your dishwasher and other appliances during the peak hours between 4 p.m. and 6 p.m.

UNPLUG THE SPARE!

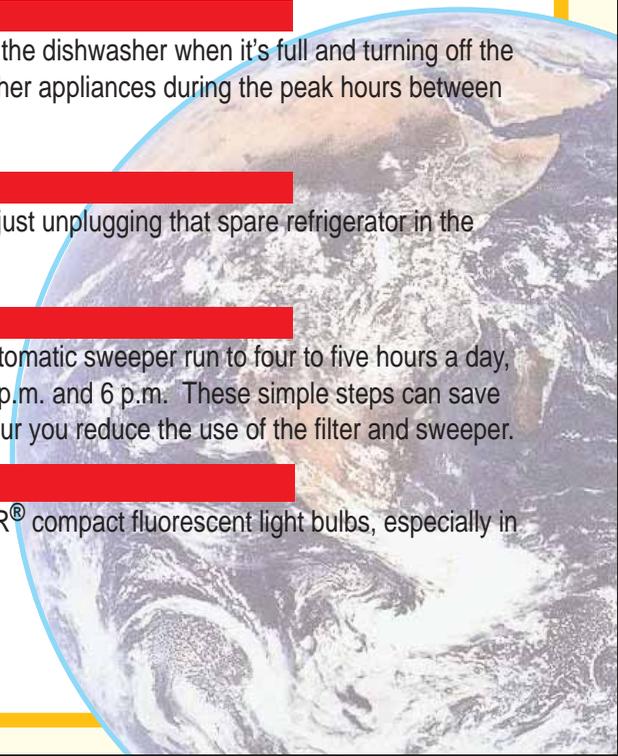
You can keep \$150 a year or more in your pocket by just unplugging that spare refrigerator in the garage.

HAVE A POOL?

If you have a pool, cut down the time the filter and automatic sweeper run to four to five hours a day, and don't run them during the peak hours between 4 p.m. and 6 p.m. These simple steps can save 1 to 2 percent of your summer electric bill for each hour you reduce the use of the filter and sweeper.

CHOOSE ENERGY STAR[®] PRODUCTS

Replace incandescent light bulbs with ENERGY STAR[®] compact fluorescent light bulbs, especially in high-use light fixtures.



Choose the Right Path



Nicole T.

Grade 8, Cupertino Middle School, Sunnyvale

“I was trying to show that there were two ways to determine Earth’s future and that we were the ones who would choose the path. Basically, whatever we do to the Earth will have an impact on what it’s going to be like in the future.”

DECEMBER 07

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RECYCLE

January

FEBRUARY 08

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SOUTHERN CALIFORNIA EDISON

An EDISON INTERNATIONALSM Company

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

National Thank You Month



1
New Year's Day

2

3

4 If every US household reused a paper bag for shopping, we could save 60,000 trees each year.



6

7 Californians recycle beverage containers:
72% Aluminum cans
59% Glass bottles
47% Plastic bottles

8

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Martin Luther King, Jr. Day

22

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31 glass, which was invented around the 15th century BC in Egypt, can be recycled over and over again.



Reduce, Reuse & Recycle!

www.sce.com

SOUTHERN CALIFORNIA EDISON

Southern California Edison, a subsidiary of Edison International, is one of the nation's largest investor-owned electric utilities, serving 12 million people within a 50,000 square-mile area in central, coastal and southern California.

Based in Rosemead, California, the utility is a recognized leader in cutting-edge research and technology and has provided reliable electrical service in its region for more than a century.

For more information visit our website.

Wind
Powered
Energy



Menelik D.

Grade 5, *Dutcher Elementary School, Turlock*

“The picture I drew shows energy that must be safe, clean, and affordable for other people and for generations to come. The most important I want people to know is that there should be an energy source that is alternative and renewable to replace gasoline, air pollution, and other sources that could cause bad results for the world.”

JANUARY 08

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WIND POWER



February

One of the oldest weather tools used to measure wind direction is the wind vane

MARCH 08

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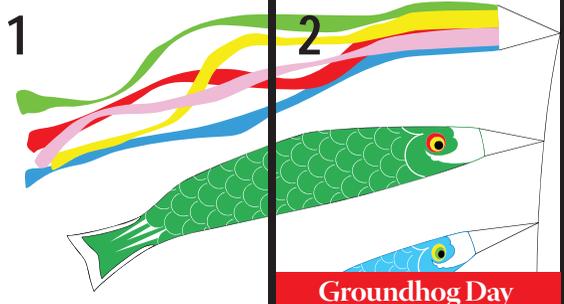
FPL Energy

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

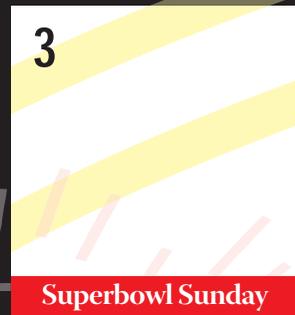
International Friendship Month

Note: To make wind energy into electricity, an average wind speed of 14 miles per hour is needed.

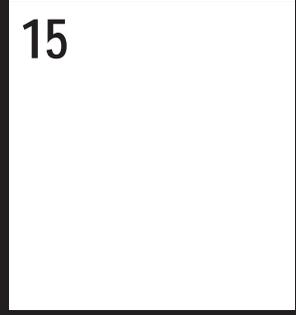
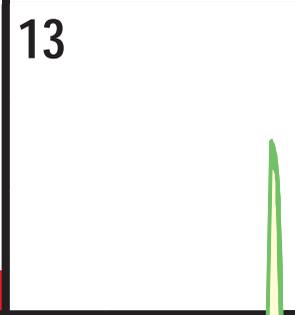
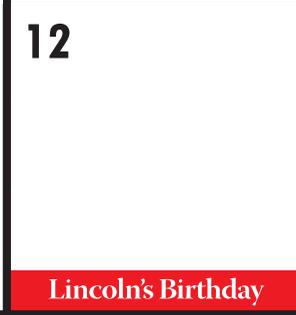
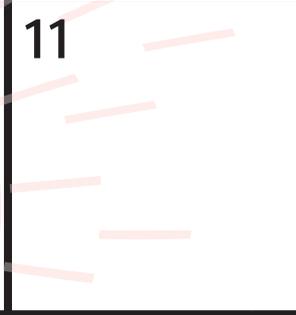
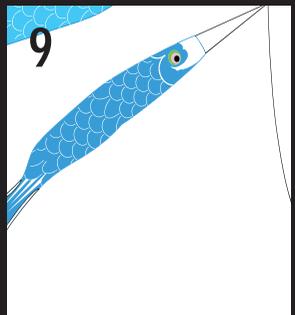
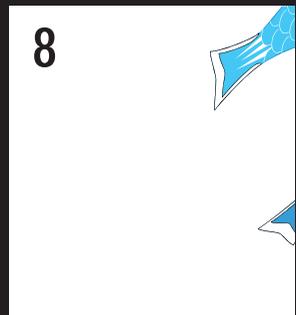
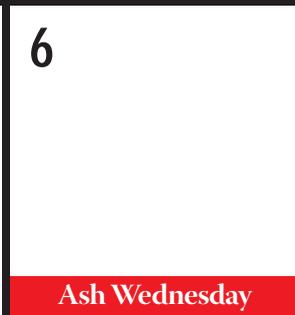
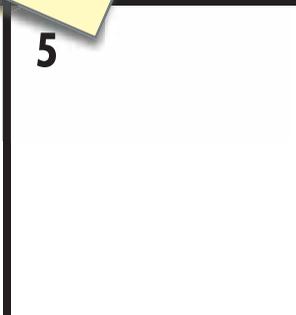
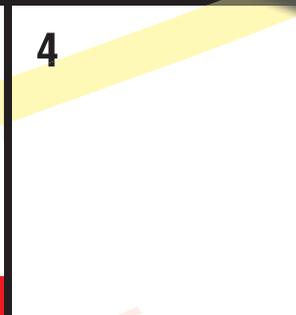
One wind turbine can provide electricity for about 300 homes.



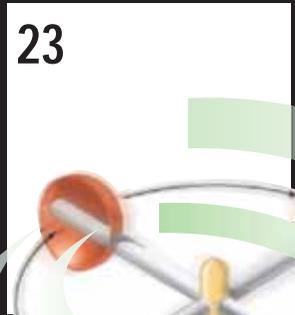
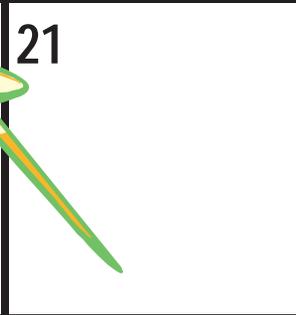
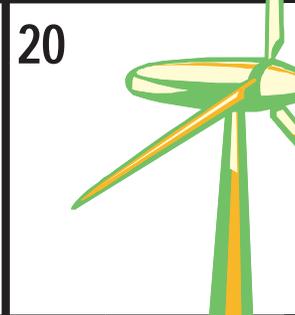
Groundhog Day



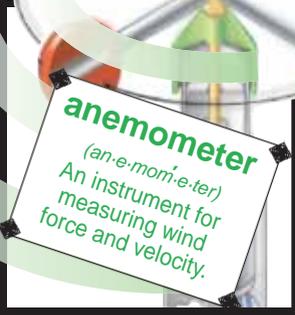
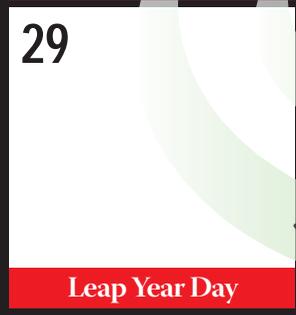
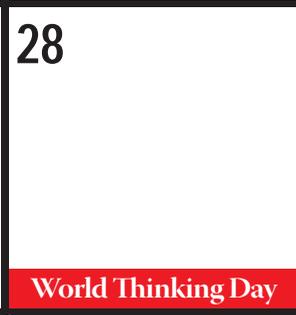
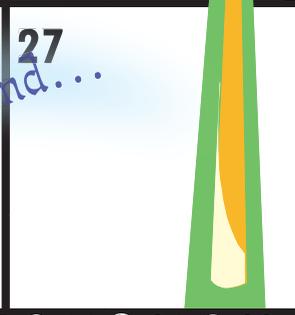
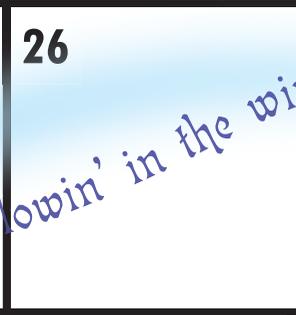
Superbowl Sunday



San Geronio Pass is the windiest place in California.



President's Day (observed)



anemometer
(an-e-mom-i-ter)
An instrument for measuring wind force and velocity.

The answer, my friend, is blowin' in the wind...

Bob Dylan - 1962

FPL ENERGY

FPL Energy is the largest owner and operator of wind and solar power in California and the United States. We currently operate 15 wind projects and seven solar projects throughout the state that are capable of generating enough power for more than 200,000 average homes.

In addition to California, we operate power plants in 23 other states. We believe strongly in clean energy to help our climate, and more than 90 percent of the electricity we produce is generated from clean fuels such as wind, solar and modern, state-of-the-art natural gas.

FPL Energy is a subsidiary of FPL Group, one of the nation's largest providers of electricity-related services. For information about FPL Energy and its commitment to renewable energy, please visit our website.





Eric C.

Grade 4, *John Muir Elementary School, San Jose*

“I showed what the world could be in the future. I want people to know how they can save energy so the Earth can be a cleaner and better planet. For example, I drew a solar-powered car that people can drive without using gasoline. As long as it’s under the sunlight, it will work and keep the environment clean.”

FEBRUARY 08

SUN	MON	TUE	WED	THU	FRI	SAT
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SOLAR March

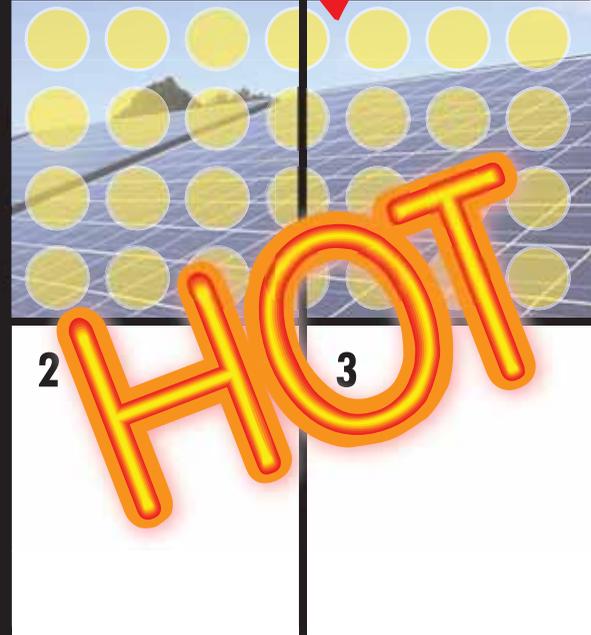
APRIL 08

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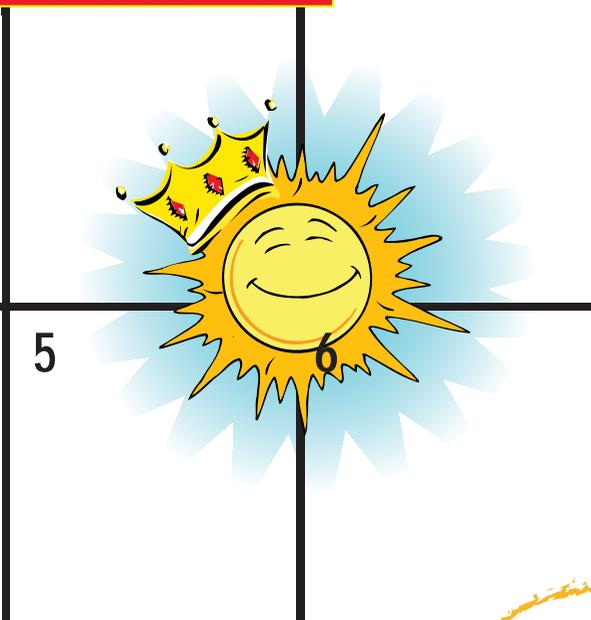
Pacific Gas and Electric Company
Solar Schools Program

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

Music in Our Schools Month



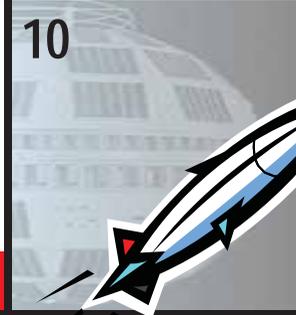
The earth gets enough sunlight every hour to meet a year's worth of the world's energy demands.



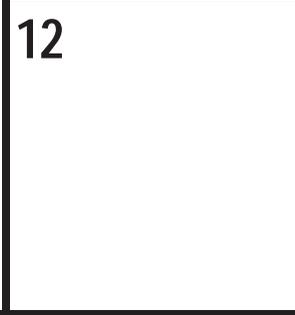
In 1954, Bell Laboratories introduced the first solar-powered radio transmitter.



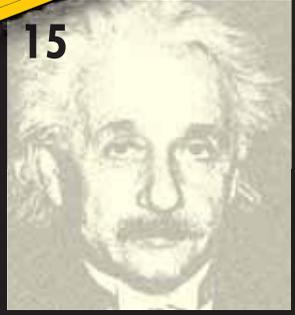
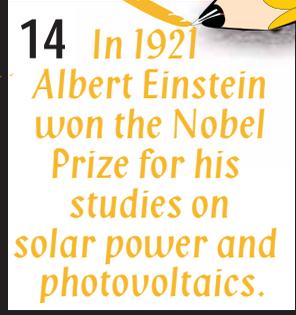
9 Daylight Saving Time Begins (2 am)



11 On July 10, 1962, Telstar 1, a solar-powered satellite, was sent into space.

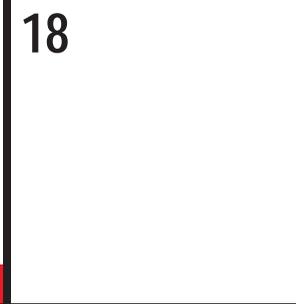


14 In 1921 Albert Einstein won the Nobel Prize for his studies on solar power and photovoltaics.



16 Palm Sunday

17 St. Patrick's Day



19

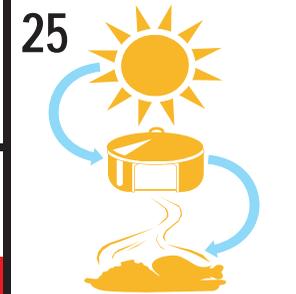
20 Spring Equinox

21 Good Friday



23 Easter Sunday

24



26 Horace de Saussure, a French-Swiss naturalist, invented solar cooking in 1767.

27

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31 Cesar Chavez Day

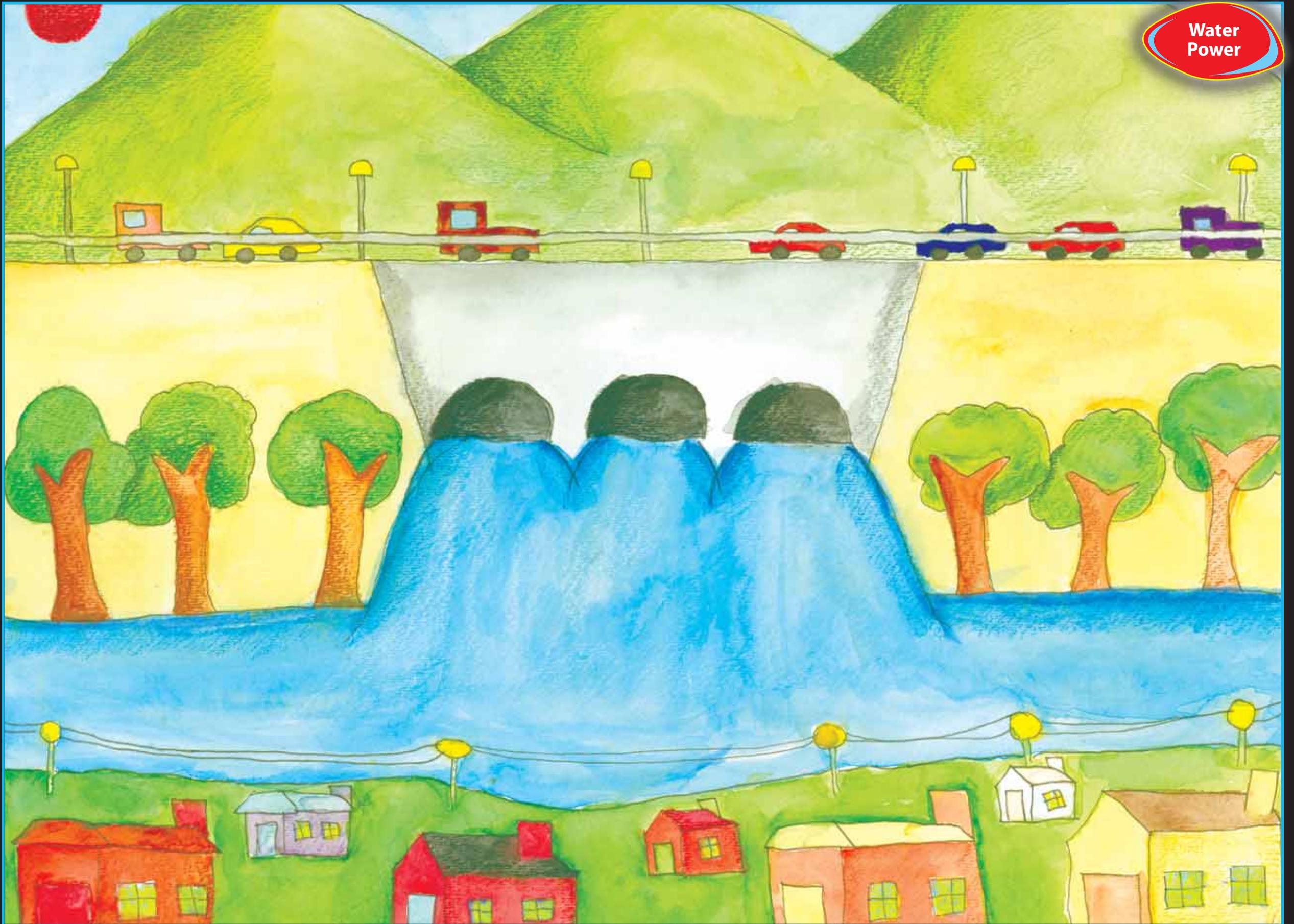
PACIFIC GAS and ELECTRIC COMPANY-SOLAR SCHOOLS PROGRAM

Pacific Gas and Electric Company (PG&E) and the NEED Project are pleased to partner on the PG&E Solar Schools Program. This program helps schools in the PG&E service area access resources to enhance the classroom experience, teach students about solar power, and receive the training necessary to teach about solar energy in the classroom.

PG&E, in partnership with NEED and the Foundation for Environmental Education, has developed a program that assists local public schools with energy resources and science project grants and supports local teachers with specialized curricula – all at no cost to the school.

The program includes installations of solar generation systems for educational use, solar curricula and training provided by NEED, and Bright Ideas Grants of \$2,500 and \$5,000 for local schools. For more information visit our website.

www.pge.com/solarschools



Michelle O. Grade 3, *John Muir Elementary School, San Jose*
“I was trying to show that water makes energy or electricity by movement. The most important thing I want the people in California to know is that the sun isn't the only thing that supplies us with energy. Lots of other things help too.”

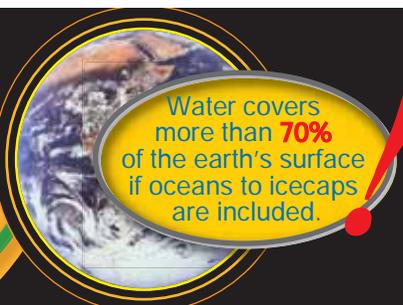
Hydro April

MARCH 08

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MAY 08

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25	26	27	28	29	30	31



SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

Keep America Beautiful Month

1 April Fool's Day	2	3	4	5 CAPTAIN HYDRO
6	7	8	9	10
11	12 <i>Captain Hydro says, "Don't be a water bandit."</i>	13	14	15
16 <i>Use Water Wisely</i>	17	18	19 Top states producing hydropower: 1. Washington 2. California 3. Oregon 4. New York 5. Alabama	20
21 Over 2,000 years ago, water power was used for grinding grain.	22 Earth Day	23	24 Take Our Daughters and Sons to Work Day	25 Global Youth Service Day
26 Arbor Day	27 <i>rain, rain, go away... come again another day</i>	28	29	30
31 The Folsom Powerhouse sent electricity to the state capitol for the first time on July 13, 1895.				

PACIFIC GAS and ELECTRIC COMPANY

PG&E is a leader in bringing the benefits of the *California Solar Initiative* to our customers. PG&E has more solar customers than any other utility in the U.S. These customers generate more than 100 megawatts of solar power, and we hook up thousands more customers every year!

PG&E's Solar Habitat Program is a partnership between PG&E and local *Habitat for Humanity* chapters to fund solar electric systems on *Habitat*-built homes in northern and central California. The program brings solar energy to families with limited incomes and provides training to expand *Habitat for Humanity's* expertise with solar installations.

PG&E's Solar Schools Program supports public schools in underserved communities. This initiative allows participating schools to reduce their energy costs, benefit the environment, and educate their students about alternative energy and environmental protection.





Sophia L.

Grade 7, *Sequoia Middle School, Newbury Park*

“The intent of my artwork was to show the many different ways we can save energy and use it in a more efficient manner. I drew the Earth as the focal point because our actions are what affect this beautiful planet. I also tried to add details that help us save the energy that is so precious to California.”

Alternative Energy

May

APRIL 08

SUN	MON	TUE	WED	THU	FRI	SAT
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JUNE 08

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ANAHEIM PUBLIC UTILITIES

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY



Home Grown Energy

Biomass is renewable energy that uses forest, urban and agricultural waste and reduces forest fires and landfill space.

Get Caught Reading Month

1

2



3 The Romans used geothermal hot springs for taking baths.

4

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8 Walking improves your neighborhoods' health by reducing air pollution.

9

10

Cinco de Mayo

National Teacher's Day

11

12

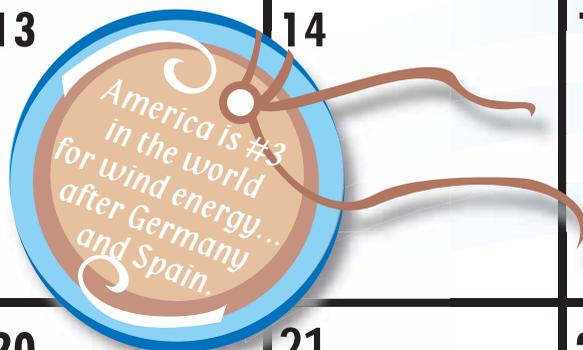
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Mother's Day

Armed Forces Day

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19

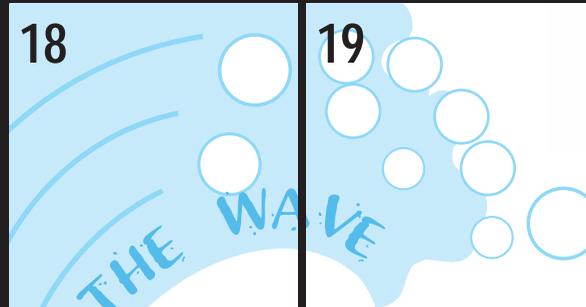
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Thank Your Mentor Day

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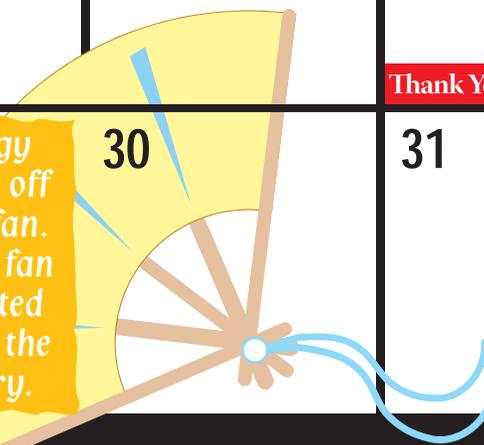
29 A no-energy way to cool off is to use a fan. The folding fan was invented in Japan in the 8th century.

30

31

A Wavy Fact
Ocean power potentially could generate 2% of America's total energy needs.

Memorial Day



ANAHEIM PUBLIC UTILITIES

Anaheim Public Utilities, the only municipal electric and water utility in Orange County, is proud to serve more than 345,000 residents. Our power story began in 1894 when Anaheim's leaders seized the opportunity to build the first municipal electric utility in Southern California.

With electric rates that average 25 percent lower than those of surrounding communities, we have helped Anaheim evolve into a leading regional industrial and manufacturing center in Southern California.

We have also made a commitment to the efficient use of clean, renewable energy.

For information about Anaheim Public Utilities' energy-saving and renewable programs, visit our website and click on *Public Utilities*, then *Advantage Services*.

www.anaheim.net



Clay S.

Grade 7, *Miller Middle School, San Jose*

“The world is united in a way that is hard to describe. In terms of energy, we all have similarities. I depicted the Earth as a light bulb, and this light bulb gets its energy from its environment. In this case, the energy comes from the sun and wind. This is the future I hope for California, an environmentally friendly energy system.”

MAY 08

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Electricity Power June

JULY 08

SUN	MON	TUE	WED	THU	FRI	SAT
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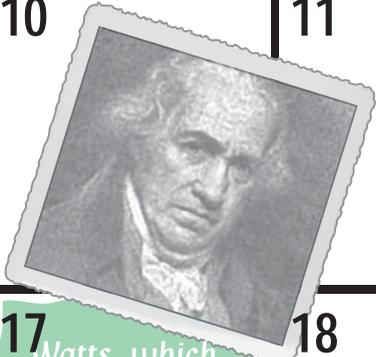


SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

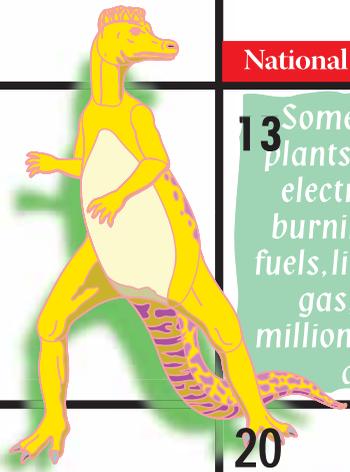
National Eat Your Fruit and Vegetables Month



2 Electricity comes from the Greek word "elektor" meaning "beaming sun".



17 Watts, which are the unit of measure for electric power, were named for inventor James Watt.

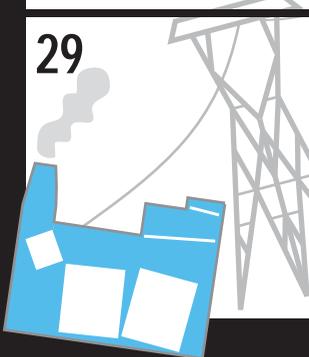


13 Some power plants produce electricity by burning fossil fuels, like coal or gas, made millions of years ago.

26 **LOOK**
The father of modern energy efficiency, Arthur H. Rosenfeld, celebrates his birthday today.



30 Before electricity gets to your neighborhood, it goes through transformers to reduce or "step-down" the voltage.



Electricity was discovered, not invented.

CALIFORNIA INDEPENDENT SYSTEM OPERATOR

The California Independent System Operator Corporation (California ISO) ensures fair access to California's electricity grid and helps "keep the lights on" by obtaining the last few megawatts needed to balance supply and demand.

The not-for-profit public benefit grid operator triggers the **Flex Your Power** conservation campaign, signaling to consumers when conservation is critical. Conservation helps maintain reliability and it reduces electricity costs during high-demand periods. Future programs may help by putting load reduction on a level playing field with power generation.

Going green is important to the **California ISO**. Whether it is wind, solar, biomass or geothermal, the ISO is helping renewable energy gain access to the power grid and its markets. This will help the state reach its goal of 20 percent renewable power by 2010.

Partnering with consumers and the electricity industry, the **California ISO** is prepared to meet the growing electricity needs of the Golden State.





Cayla S.

Grade 7, *Thurston Middle School, Laguna Beach*

“I showed the ways that California could save energy. Using windmills to produce energy, along with the sun producing solar power, could dry clothes on a line. With these ideas, California could be pollution free!”

JUNE 08

SUN	MON	TUE	WED	THU	FRI	SAT
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July



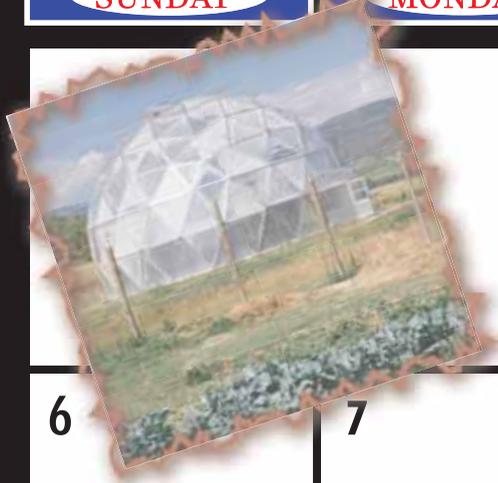
AUGUST 08

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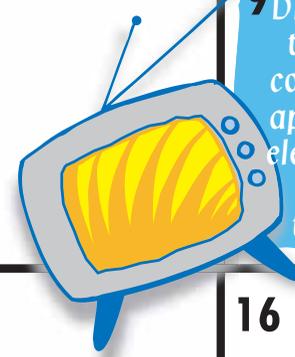
SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

National Picnic, Hot Dog and Baked Bean Month

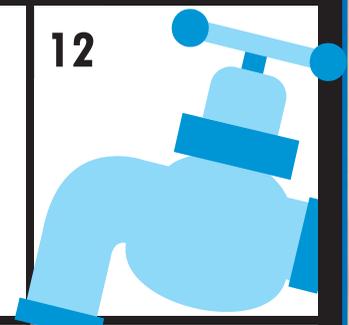


Get Unplugged!

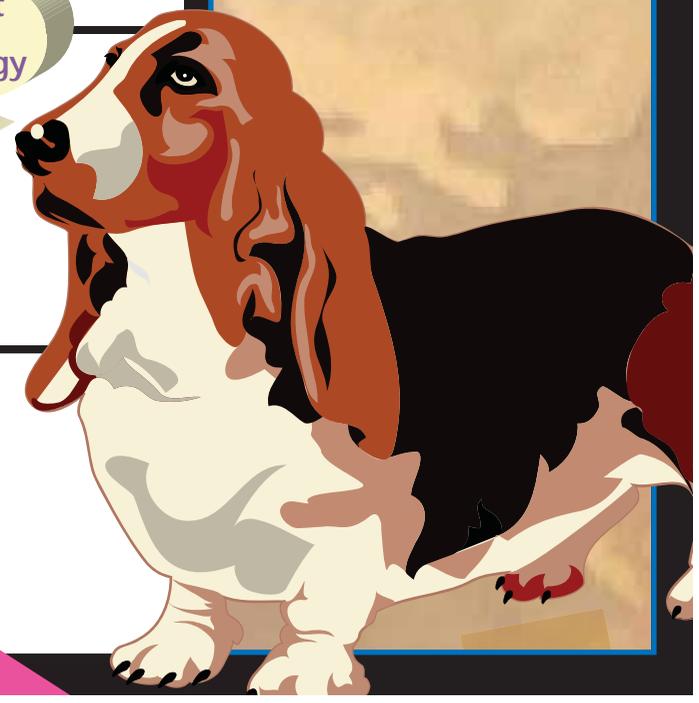
Did you know that your TV, computer and appliances use electricity even if they are turned off?



Independence Day



Sniff out ways to save energy



By turning off the water when you brush your teeth, you can save gallons of water.



"Energy Efficiency" means using technology to get more out of less.

"Energy Conservation" means using less energy.



www.smud.org

Meet the challenges of climate change with the many Earth-friendly solutions available from SMUD, the Sacramento Area electric service. Improve the energy efficiency in your home or business and build a healthy environment for your family, for your community, for your future.

Parent's Day

3:p 10:t 18:x 25: 4



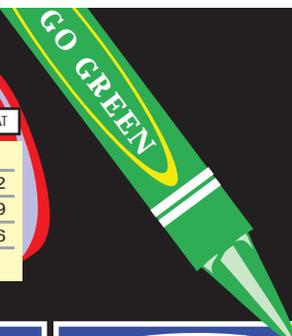
Valerie G.

Grade 8, Salon Art School, Fremont

“I drew my artwork according to the story, *Devoured by the Dark*. The three main characters, Morgan, Collin, and Courtney stand together, united, holding hands in the front. Behind them is a ball of fire plummeting down from the sky revealing the triangle portal, their beginning and end. To the left is darkness, always trying to pull someone in. To the right is the light, pointing the way home. Scattered around this are a few pieces to the puzzle: the piece of cloth, electrified key, fossil, sketch of waterwheel, and the Franklin stove. We should conserve and make use of every shred of energy since it is one of the important essentials in our life.”

JULY 08

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August

Green energy means using an environmentally friendly source of power and energy.

SEPTEMBER 08

SUN	MON	TUE	WED	THU	FRI	SAT
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SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

National Water Quality Month

1 **DON'T FUSS TAKE THE BUS**

2 **GO GREEN GO GREEN**

3 **Friendship Day**

4

5 **Composting reduces the waste sent to landfills and makes great fertilizer for your garden.**

6 **START AN ENERGY PATROL!**

7 **The Energy Patrol makes sure that things like computers are turned off in your school.**

8 **XXIX Olympics begins**

9

10 **Give earth a break by riding your bike or walking whenever you can.**

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26 **Buy fruits and vegetables at your local farmers market to reduce energy use.**

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30 **REDUCE YOUR CARBON FOOTPRINT**

31

Go Green

INTEGRATED WASTE MANAGEMENT BOARD

The California Integrated Waste Management Board (CIWMB) is the State's leading authority on recycling and waste reduction. It promotes **Zero Waste California** in partnership with local government, industry and the public.

The Board has helped California reduce its waste by 52 percent and continues the mission of reducing waste whenever possible; promoting the management of all materials to their highest and best use; changing the way we manufacture, distribute, and consume products; and protecting public health and safety and the environment.

The Board is part of the incredible team within the **California Environmental Protection Agency (CalEPA)**.





Jun Seo P.

Grade 4, *Dilworth Elementary School, San Jose*

“Using the ‘Power of Nature’, solar and wind energy, we can save a lot of energy. We can also keep our environment and air quality safe and clean. Since it is sunny and windy in California, these sources are very useful.”

Energy September EFFICIENCY

AUGUST 08

SUN	MON	TUE	WED	THU	FRI	SAT
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OCTOBER 08

SUN	MON	TUE	WED	THU	FRI	SAT
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Silicon Valley Power
CITY OF SANTA CLARA

*Giving You the Power
to Change the World*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<p>1 Labor Day</p>	<p>2</p> <p>Ramadan Begins</p>	<p>3</p> <p>National School Success Month</p>	<p>4</p> <p>Turning your computer to "sleep" mode when not in use can save \$75 a year!</p>	<p>5</p>	<p>6</p> <p>Read-a-Book Day</p>	
<p>7</p> <p>Grandparents Day</p>	<p>8</p>	<p>9</p> <p>"Energy Efficiency" is using technology to use less energy to do what you want to do.</p>	<p>10</p>	<p>11</p>	<p>12</p> <p>USE ENERGY WISELY</p>	<p>13</p>
<p>14</p> <p>Keep your house cooler by using the microwave instead of a regular oven.</p>	<p>15</p> <p>Fall Equinox</p>	<p>16</p>	<p>17</p> <p>Citizenship Day</p>	<p>18</p>	<p>19</p>	<p>20</p>
<p>21</p>	<p>22</p>	<p>23</p>	<p>24</p>	<p>25</p>	<p>26</p> <p>Crush a Can Day</p>	
<p>28</p> <p>ENERGY STAR</p>	<p>29</p> <p>Rosh Hashanah</p>	<p>30</p> <p>Ramadan Ends</p>	<p>Buying Energy Star® products will save you money on your energy bill.</p>			

SILICON VALLEY POWER & CITY OF SANTA CLARA

Energy efficiency and conservation go hand-in-hand at **Silicon Valley Power**, the City of Santa Clara's municipal electric utility. Here's what you can expect from us:

- Power reliability among the highest in the nation.
- Affordable electric rates 25 to 45 percent below other Bay Area communities.
- Opportunity to join **Santa Clara Green Power**- a 100 percent renewables resource program boasting 10 percent participation in three years.
- Support for solar power installations on local non-profit facilities through the **Neighborhood Solar Program**.
- Enviably diverse power mix with more than 29 percent renewable power in 2008.
- Annual investments of \$7 million annually for customer-based, energy efficiency and renewable energy programs.

Visit us on our website.

www.siliconvalleypower.com

Lighting up
the Earth the
Safe Way



Aaron R. Grade 8, *Sierra Canyon Middle School, Chatsworth*
“My picture depicts the sun removing an old conventional light bulb out of a lamp (the Earth) and putting in a new fluorescent light bulb. I am trying to say that we should all start using fluorescent light bulbs because they are better for the environment. They use a lot less energy and last longer, so they don’t fill the landfills as fast.”

SEPTEMBER 08

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CHANGE A LIGHT, CHANGE THE WORLD

October

NOVEMBER 08

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SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

Computer Learning Month



Take the ENERGY STAR Change a Light Pledge
Change just one light and see how a small step can make a big difference

1

2

3 Used fluorescent bulbs must be taken to a recycle center and not thrown in the trash.

4

5
World Teachers Day

6



8 If everyone in California changed one light to a fluorescent, \$74.7 million would be saved on electricity bills.

9
Yom Kippur

10

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Columbus Day



15

16
School Librarian Day

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18
Sweetest Day



20 Fluorescent bulbs use one-fourth the electricity of a regular light bulb.

21

22

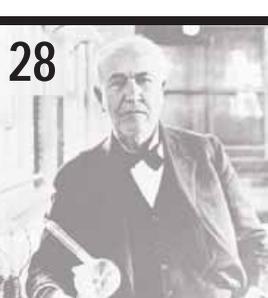
23

24

25
TAKE THE PLEDGE

26

27
Make a Difference Day



29 Thomas Edison invented an improved incandescent light bulb and more than 2,000 other devices.

30

31
Halloween



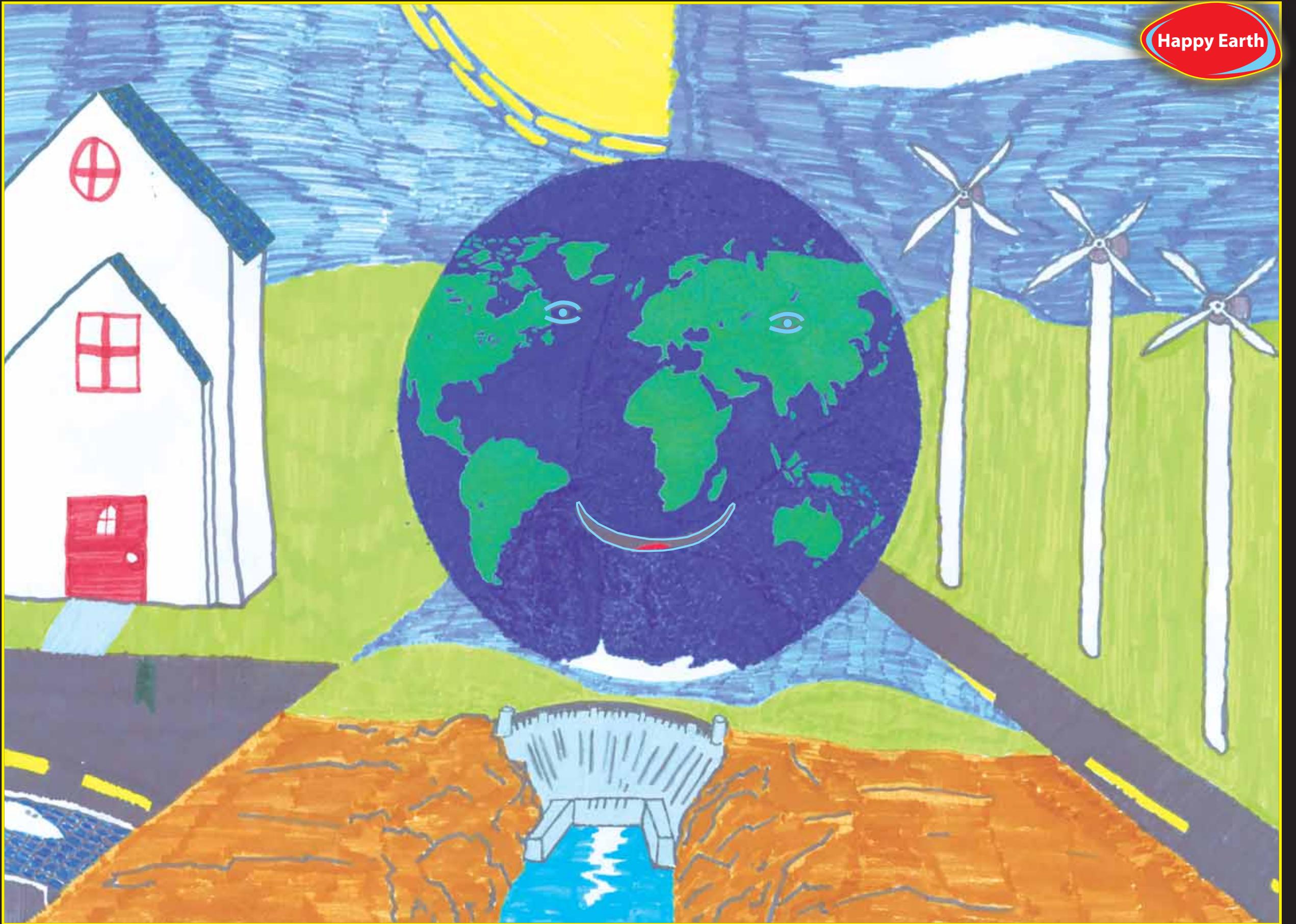
CALIFORNIA MUNICIPAL UTILITIES ASSOCIATION

Look Closer: California Public Power Sets Itself Apart

More than 25 percent of California's electricity is provided by **publicly-owned utilities**, whose ratepayers and owners are exactly the same. For more than a century **publicly-owned utilities** have invested in long-term planning, local economic development, infrastructure, environmental research and development, and demand-side management.

Publicly-owned utilities have a history of low rates coupled with an ongoing concern for the environment. California's **publicly-owned utilities** have long been leaders in renewable energy development and the efficient use of energy.

www.cmua.org



Zachary B. Grade 6, *Golden Valley Charter School, Newhall*
“I wanted to show people the importance of alternative fuels. Our Earth is running out of natural resources such as oil, which we are dependent on. In order to cut down on this dependence we need to start using alternative fuels: solar power, water power and wind power.”

OCTOBER 08

SUN	MON	TUE	WED	THU	FRI	SAT
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November



DECEMBER 08

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NATIONAL ENERGY EDUCATION DEVELOPMENT PROJECT

The **NEED** Project is a 501(c)(3) nonprofit education association dedicated to promoting a realistic understanding of the scientific, economic and environmental impacts of energy, so that students and teachers can make educated decisions.

The **NEED** program includes curriculum materials, professional development, evaluation tools, and recognition. **NEED** teaches the scientific concepts of energy and provides objective information about energy sources – their use and impacts on the environment, the economy and society. The program also includes information to educate students about energy efficiency and conservation, and tools to help educators, energy managers and consumers to use energy wisely. **NEED** is proud to be Pacific Gas and Electric (PG&E) Company's partner for the **PG&E Solar Schools Program**.

www.need.org

SUNDAY

MONDAY

TUESDAY

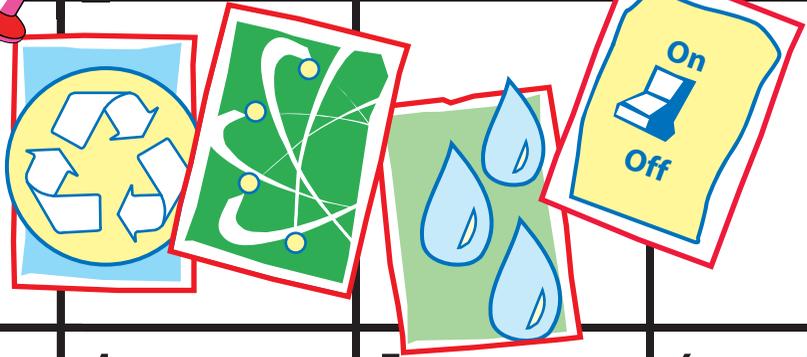
WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

You Can Make a Difference



1

2

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8

Reducing waste saves money, energy and natural resources, and helps protect the environment.



Daylight Saving Time Ends (2 am)

Election Day

9

10



12

13

14

15

America Recycles Day

16

17

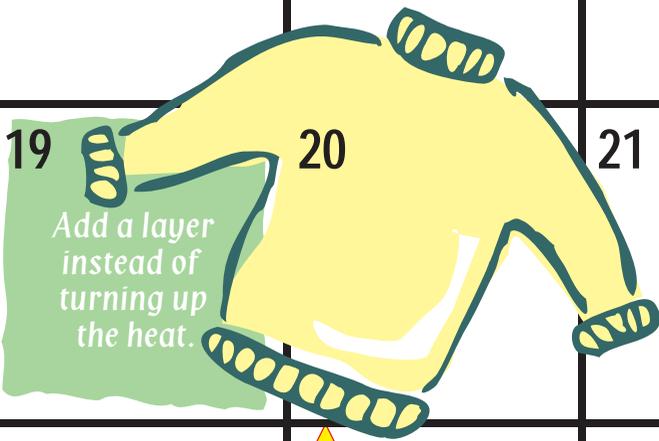
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Trees help to reduce greenhouse gases by absorbing carbon dioxide from the air.

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29

Thanksgiving Day





Younha K.

Grade 7, *Bret Harte Middle School, San Jose*
“I was trying to show fun and at the same time the importance of energy around us. I want people to know that it’s up to us to deal with a loss or gain as we venture to California’s energy future.”



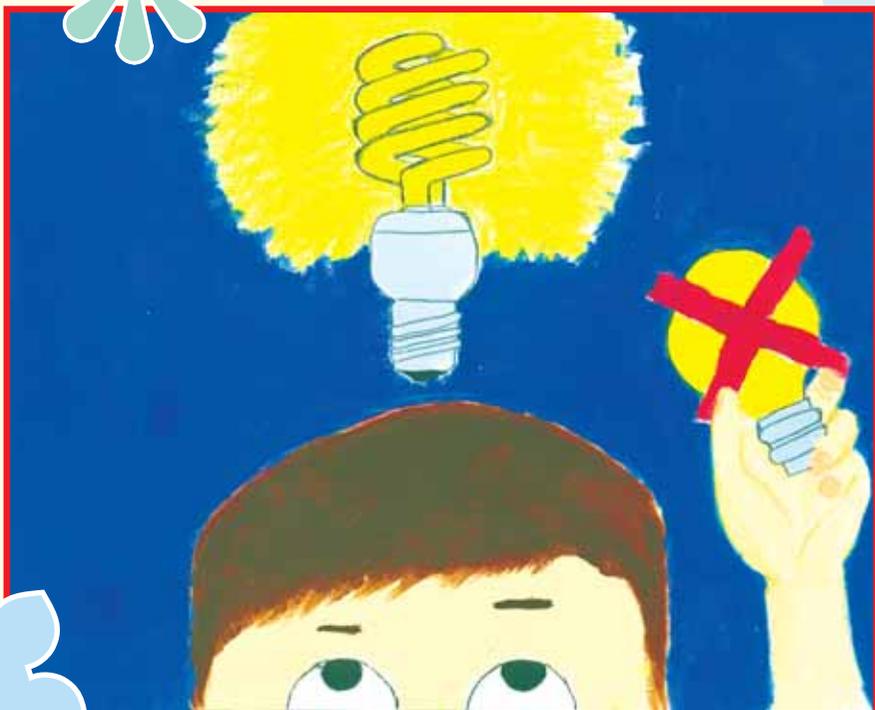
Four Seasons

Annie L. - Grade 8, *Miller Middle School*, San Jose
 "On the windmill I illustrated the different ways that we can save energy, such as using more energy efficient light bulbs and recycling. On the outside of the windmill I painted the different ways in which California gets its energy. I chose to use a windmill as the dividing border between two sections because it is related to California's energy resources. Also, because it spins in a circular motion, showing that everything is part of a big cycle which goes on forever, and we must do our best to not disturb this cycle."



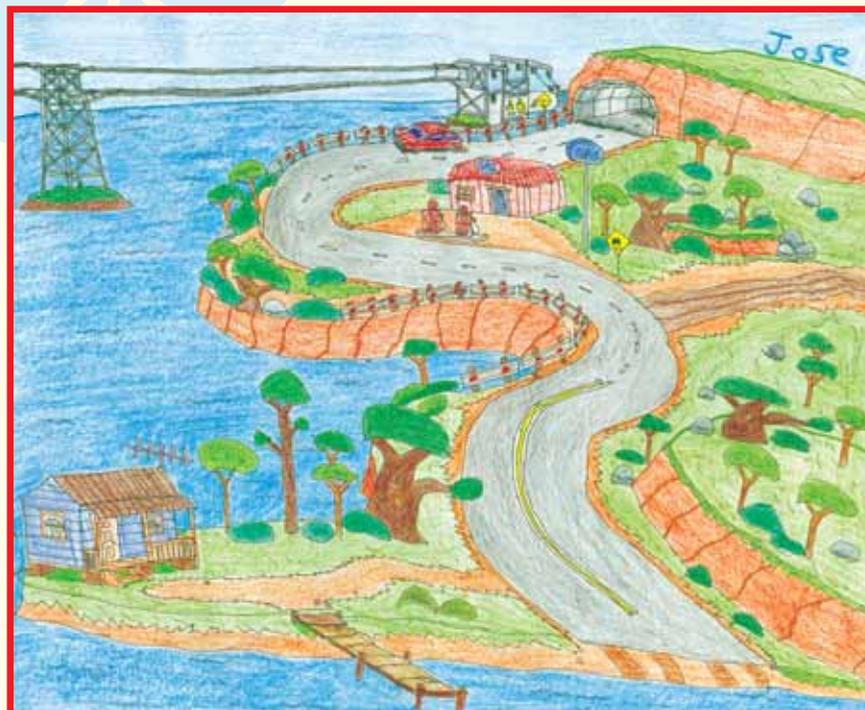
The Power of the Sun

Eric P. - Grade 7, *St. Joseph of Cupertino*, Cupertino
 "In my drawing I wanted to show that the sun was, and still is, an important part of the Earth's energy. The Earth is a light bulb that can be only lit by the power of the sun. I want people to know that if we keep this Earth clean, the sun will truly bring its light everywhere. Also, we should conserve our use of energy for only necessary reasons."



A Bright Idea

Motoumi S. - Grade 8, *South Pasadena Middle School*, South Pasadena
 "In my watercolor drawing, I wanted to express how energy conservation is a bright idea and we must all start it so we can bring an end to our growing environmental problems. Energy is not a guaranteed thing. We must not take it for granted."



Open Rivers

Jose G. - Grade 4, *Pulliam Elementary School*, Stockton
 "This picture is about how to use natural stuff for energy. It's important for people to learn how to conserve."

ENERGYology
 2008 Calendar

**CALIFORNIA
 ENERGY
 COMMISSION**



Governor
Arnold Schwarzenegger

Chairman
Jackalynne Pfannenstiel

Vice Chair
James D. Boyd

Commissioners
Arthur H. Rosenfeld
John L. Geesman
Jeffrey D. Byron

B. B. Blevins
 Executive Director

Claudia Chandler
 Assistant Executive Director

Lana McAllister
 Project Manager

Jacque Gilbreath
 Graphic Design

CEC-180-2007-009
 Printed on recycled paper

Visit our award-winning kid's website at
www.energyquest.ca.gov

PEACEFUL EARTH

December

NOVEMBER 08

SUN	MON	TUE	WED	THU	FRI	SAT
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JANUARY 09

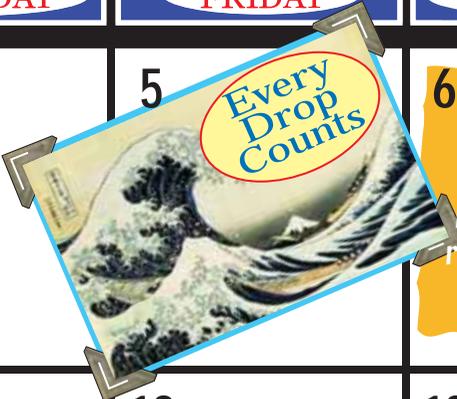
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SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY



JUST SAY "LOW"



Learn to conserve water, the most precious resource in our environment.

Do you measure up to the energy challenge?



Every day think about the things you do that use energy and how you can use less.

By making small changes in the way we live, big changes can be made to help our planet.



Christmas Day

Kwanzaa

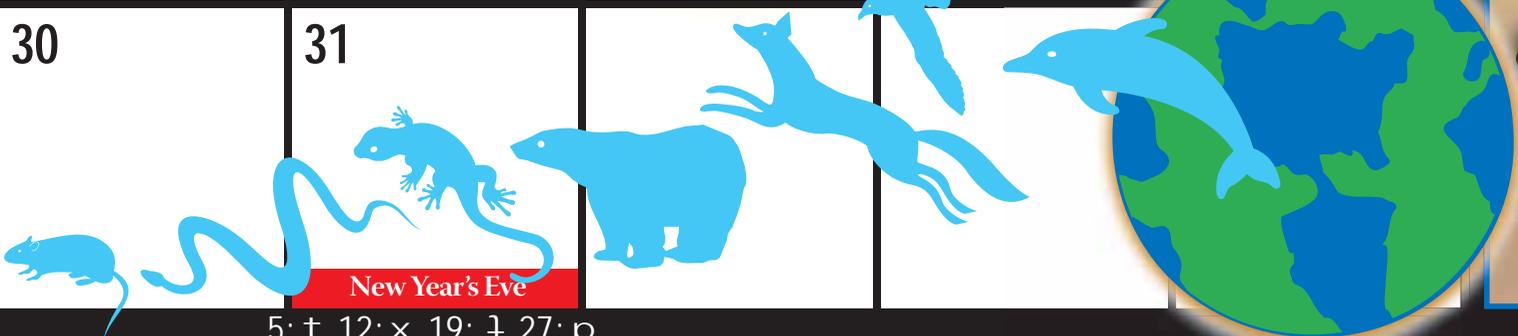
Winter Solstice

Hanukkah Begins

Christmas Eve

Hanukkah Ends

New Year's Eve



NORTHERN CALIFORNIA POWER AGENCY

The Northern California Power Agency was created in 1968 to build and operate jointly owned electric generation plants, and to purchase and manage wholesale power for the benefit of consumers in our members' communities and districts.

Because we are controlled by locally elected officials from 18 communities and districts across Northern California, we are focused on providing reliable sources of power to our members at the most reasonable prices possible.

With the bulk of our power being generated by geothermal and hydroelectric plants, NCPA and its members are committed to maintaining and expanding our renewable energy resources to ensure stable and environmentally sound power supplies for our region's growing electricity needs.

www.ncpa.com