



ROSEVILLE ELECTRIC  
RELIABLE ENERGY • DEPENDABLE SERVICE

# Electric Dispatch

JANUARY 2004

## New Homes Will Soon Offer the RE ADVANTAGE HOME GOLD

If you're thinking about buying a new home, you may soon be able to look for the RE Advantage Home Gold<sup>SM</sup> logo. The logo signifies the home is built for exceptional comfort and energy savings by including—

- High-efficiency, correctly sized air conditioners with above-standard Seasonal and Energy Efficiency Ratings (SEER and EER)
- Properly designed, tight and insulated duct systems
- Low E-2 window glass meeting ENERGY STAR<sup>®</sup> guidelines
- Zoning for two-story homes or those larger than 2500 square feet

With RE Advantage Home Gold, all components work together for optimum efficiency, and that saves you money. Depending on your personal use, you could save up to 35 percent on your summer cooling bill! Greater efficiency means that cooling and heating systems require less maintenance and last longer.

The RE Advantage Home Gold logo lets you look beyond the design and décor to see the features that provide a long-term benefit. While two homes may look identical from the outside, the RE Advantage Home Gold will offer more reliable comfort and lower energy bills—features that will remain important for years to come.

Roseville Electric is teaming up with SMUD to offer builders in each utility's region the chance to set their homes apart in the eyes of homebuyers. So when you start shopping for your next new home ... go for the RE Advantage Home Gold!

TOP  
HONORS  
for  
ROSEVILLE  
ELECTRIC!

## Tiered-rate Structure Takes Affect

As part of the effort to encourage energy conservation, Roseville Electric is reinstating tiered residential electric rate structuring. Used by 90 percent of California utilities, tiered rates reward low-use residents by charging different per-kilowatt-hour (kWh) rates depending on usage. The Roseville Electric tiered rates are 7.5 cents for the first 500 (kWh) used, compared to 8.41 cents per kWh currently paid for all energy consumed. Above 500 kWh, residential customers will pay 10 cents per kWh for all electricity used. The charts included give you an idea of how the new rate structure compares with neighboring utilities and how it may impact current and future bills.

As a not-for-profit utility, Roseville Electric's concern is to cover its costs to provide reliable power. The new rate structure will not increase revenue to the utility, but it will help cover costs sometimes incurred during summer's peak use times when consumption exceeds contracted supply and the utility must buy additional power at higher market rates.

### Count on Us to Help Reduce Use

Although the reinstatement of tiered rates is revenue neutral, lower energy usage means lower energy rates. Conservation is everybody's business and there are many steps you can take to reduce your consumption.

Roseville Electric energy-saving programs include:

- Incentive rebates on high-efficiency air conditioners, insulation, windows, sunscreens, pool pumps, and ENERGY STAR<sup>®</sup> appliances
- Roseville Shade Tree Program offering up to three free shade trees
- Online and on site energy audits
- Photovoltaic (solar electric) system rebates
- Energy conservation tips and advice

### For more information about energy reducing programs—

- Call 79-POWER (797-6937)
- Visit our web site at [www.RosevilleElectric.org](http://www.RosevilleElectric.org)

### Monthly Residential Bill Comparison

	BEFORE	AFTER	VARIANCE IN \$	VARIANCE IN %
<b>If Customer uses:</b>				
500 kWh	\$46.05	\$41.50	(4.55)	-9.88%
750 kWh	\$68.08	\$66.50	(0.57)	-0.86%
1000 kWh	\$88.10	\$91.50	3.40	3.86%
1200 kWh	\$104.92	\$111.50	6.58	6.27%
<b>Average Customer uses:</b>				
775 kWh	\$69.18	\$69.00	(0.18)	-0.26%

Based on current use figures, 64 percent of all residential customers will save an average of 8 percent on their bills annually, while 36 percent will see an increase of 6 percent annually.

A comparison with neighboring utilities shows that with the tiered-rate structure Roseville Electric will remain the lowest cost power provider in the region.

	SMUD	PG&E	ROSEVILLE ELECTRIC
500 kWh	\$42.89	\$78.60	\$41.50
750 kWh	\$69.89	\$117.90	\$66.50
1000 kWh	\$105.30	\$157.20	\$91.50
1200 kWh	\$137.08	\$188.64	\$111.50
<b>Average Customer</b>			
775 kWh	\$73.43	\$121.83	\$69.00

For the third consecutive year, Roseville Electric was named the winner of the 2003 PA Consulting Group's ReliabilityOne<sup>™</sup> Award for having the most reliable electric distribution system among the nation's utilities that serve less than 100,000 customers and was the only municipal power provider to win the award this year in its service category.

Roseville Electric also received the 2003 Solar Electric Power Association's Solar Business Achievement Award for Public Awareness and Industry Leadership for its efforts to improve the public understanding of solar electricity and the opportunities it provides.



## A NO-FAIL New Year's Resolution—Go Green!



Sure you want to fit into those old pants or break that stubborn habit, but when you add choosing Green Energy to your list of New Year's resolutions, you're an even bigger winner. You get a resolution you can stick to and the environment gains a valuable ally.

For just a few dollars per month, you can join the RE-Green50™ or RE-Green100™ programs that allow us to purchase 50 percent or 100 percent of your power from renewable sources. By choosing 100 percent Green Energy, a typical Roseville home using 775 kWh a month can provide the same environmental benefit as growing nearly 800 trees or not driving approximately 14,000 miles a year!

▶ Find out more by visiting the Green Energy Program section on our web site at [www.RosevilleElectric.org](http://www.RosevilleElectric.org).

## Roseville Energy Park Progresses to Next Step

By the time this newsletter reaches Roseville residents, the Roseville Energy Park is expected to be one step closer to reality. On October 30, 2003, the city filed an Application for Certification (AFC) with the California Energy Commission (CEC). The CEC reviews an AFC for data adequacy and typically requests the applicant to supply additional data.



Russ Nichols, Plant Manager, reviews plans at the site of the proposed Roseville Energy Park.

Upon deeming the AFC to be data adequate, the CEC begins the formal 12-month permitting process. That 12-month period is expected to begin this month. According to the CEC, the "certification process analyzes the impacts of a proposed facility on public health and safety, the environment and electrical system."

CEC certification is a public process designed to keep every interested party informed. The commission will hold several public meetings and hearings to provide a forum for any concerns from the public.

- The latest information is available on the CEC web site at [www.energy.ca.gov/sitingcases/roseville](http://www.energy.ca.gov/sitingcases/roseville) or by contacting CEC Project Manager Bob Eller at [BEller@energy.state.ca.us](mailto:BEller@energy.state.ca.us).
- In addition, a copy of the AFC is available at the City of Roseville City Clerk's Office and at Roseville City Library branches.
- The Roseville Electric web site offers an in-depth section on the proposed energy park accessible from the home page at [www.RosevilleElectric.org](http://www.RosevilleElectric.org).



### BEN'S CORNER

## Test Your Energy Knowledge

Most of us don't think much about the power we use every day. We simply flip the switch and expect electricity. Take this short quiz to find out how much you know about energy.

- Most of the energy we use originally came from—
  - the sun
  - the air
  - the soil
  - the ocean
- Electrical energy can be produced from—
  - mechanical energy
  - chemical energy
  - radiant energy
  - All of the above
- Which uses the most energy in American homes each year?
  - lighting
  - water heating
  - heating and cooling rooms
  - refrigeration
- Solar, biomass, geothermal, wind, and hydropower energy are all renewable sources of energy. They are called renewable because they—
  - are clean and free to use
  - can be converted directly into heat and electricity
  - can be replenished by nature in a short period of time
  - do not produce air pollution
- Today, which renewable energy source provides the U.S. with the most energy?
  - wind
  - solar
  - geothermal
  - hydropower

Answers: 1(a), 2(d), 3(c), 4(c), 5(d)

Reprinted from the Department of Energy web site [www.eia.doe.gov/kids](http://www.eia.doe.gov/kids).

### Roseville Electric's Fourth Quarter of 2003 Annual Projection

#### POWER CONTENT LABEL

ENERGY RESOURCES	RE Total System (projected)	RE Green 50* (projected)	RE Green 100* (projected)	2002 CA POWER MIX** (for comparison)
Eligible Renewable	12%	56%	100%	9%
Biomass and waste	2%	1%	0%	3%
Geothermal	8%	49%	89%	4%
Small hydroelectric	2%	6%	11%	2%
Solar	0%	0%	0%	0%
Wind	<1%	<1%	0%	1%
Coal	8%	4%	0%	15%
Large Hydroelectric	48%	24%	0%	23%
Natural Gas	26%	13%	0%	42%
Nuclear	6%	3%	0%	11%
Other	0%	0%	0%	0%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

\* 73% of RE Green 50 and 100% of RE Green 100 is specifically purchased from individual suppliers. 46% of RE Total System Mix is specifically purchased from individual suppliers.

\*\* Percentages are estimated annually by the California Energy Commission based on the electricity sold to California consumers during the previous year.

For specific information about this electricity product, contact Roseville Electric. For general information about the Power Content Label, contact the California Energy Commission at 1-800-555-7794 or [www.energy.ca.gov/consumer](http://www.energy.ca.gov/consumer).

Roseville Electric is pleased to comply with the Public Utility Commission Section 398.1(b) which requires retail suppliers of electricity to disclose fuel source information about the electricity being sold to consumers.

ELECTRIC DISPATCH is published for Roseville's residents by Roseville Electric. ©2004. Comments and suggestions are welcome—please send to the attention of Ray Sansom.

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Find us on the web—[www.RosevilleElectric.org](http://www.RosevilleElectric.org)



Your City Electric Utility