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Opinion

People asked to support sound energy policies

Since KDHE Secretary Roderick Bremby denied clusively on wind. the project air permit for the Holcomb Expansion on Oct. 18, Sunflower Electric has endured public criticism from people who contend that Kansans should obtain their energy from sources other than coal. As the manager of Prairie Land Electric Cooperative that provides electric service in 18 counties in Northwest and North Central Kansas, I'd like to share some information with you about the impact of this project on electric rates.

First, Sunflower Electric Power Corporation is a not-for-profit utility that operates as the wholesale power provider for six rural electric cooperatives based in central and western Kansas. Prairie Land Electric Cooperative is one of those six cooperatives. On behalf of all six cooperatives, Sunflower owns and operates a fleet of generating units that are fueled by coal, natural gas and wind. Sunflower's existing coal plant is a 360 MW plant located south of Holcomb in Finney County and is the cleanest coal plant in Kansas.

The proposed expansion project involves building two additional coal plants at Holcomb Station. The \$3.6 billion project will provide \$750 million in financial benefits to Sunflower; these are costs that won't have to be passed on to its member cooperatives.

These financial benefits, in addition to cash payments, include lower fuel costs, reduced operating costs, and the economies of scale derived from larger operating efficiencies. Power from the two units will be used by members of 67 distribution cooperatives serving rural customers in the region, including cooperative members in Kansas, Oklahoma, Nebraska, Colorado, Wyoming, New Mexico and Texas.

The construction project will create more than 2,400 construction jobs in southwest Kansas. The six-year construction phase would create significant job opportunities for workers in Kansas. After completion, the new power plants would create more than 325 new jobs in Kansas.

But why use coal?

Electric cooperatives are required to provide their members with reliable electricity at the lowest possible cost consistent with sound business and cooperative principles.

The United States has more than one-third of the world's proven coal reserves; we have more coal than Saudia Arabia has oil. If we want to be energy independent, coal is a reliable source or energy that can serve our nation for many generations to come. The abundance of coal also helps keep the price affordable. Because coal is economical and reliable, for those with a cost bias, it is the fuel of choice.

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Other fuels have characteristics that make them less desirable than coal.

Because natural gas is not as plentiful as coal, the law of supply and demand makes it more expensive. Consumers will see a substantial increase in energy prices if a "no-coal" policy is adopted in Kansas. Hydroelectric generation is not a reasonable alternative in Kansas.

No coal? Higher rates

Understanding "why" coal is the most cost effective requires knowledge of how electricity is measured. A kilowatt (kW) is the basic unit of electric demand, equal to 1,000 watts. A kilowatt hour (kWh) is a unit of energy equal to 1,000 watt hours. For example, a 100-watt light bulb burning for ten hours uses one kilowatt hour. Electric bills are based on the price per kilowatt hour (kWh) and the number of kilowatt hours consumed.

Generation facilities measure output in megawatts (MW), equal to 1,000 kilowatts or 1 million watts. A megawatt hour (MWh) is equal to 1,000 kilowatt hours or 1 million watt hours.

In 2007, production costs for Sunflower's Holcomb Station averaged \$12.23 per MWh, and production costs for Sunflower's gas-based generation plants were \$68.68 per MWh. The average home uses approximately 1,000 kWh per month, so relying on natural gas would increase members' annual electric rates by more than \$675.

Stewards of the environment

Sunflower's member cooperatives primarily serve those who make their living off the land, a large number of large and small businesses, and residential consumers. Knowing that you, our customers, care not only about affordable electric rates but also about living in a healthy environment, we continue to seek and implement technological solutions to upgrade our generation fleet.

Due to the significant investment in these new technologies, today's generation from coal is more efficient and results in lower CO2 emissions and less coal being burned per megawatt. In fact, a comparison of 2006 emission rates from the eight Kansas coal plant facilities shows that Sunflower's coal plant has the lowest emission rate in the state for SO2, NOx, and CO2. Advanced technology used on the new units in the Holcomb Expansion will further reduce emission rates.

Sunflower has also made significant investments in wind. The combined fleet of Sunflower and Mid-Kansas Electric Company (MKEC) has 124 megawatts of wind energy, which equates to more than 12 percent of our native load. Only Midwest Energy, our cooperative neighbor, will have a larger percentage of their load dedicated to wind energy by the end of 2008. Cooperatives are leading the way in wind development in Kansas.

You can help

Currently, your Kansas legislators are deliberating legislation that would help provide customers in central and western Kansas with affordable and reliable electricity. The success of the Holcomb Expansion project will have a definite and immediate impact on you. To help ensure that this project is successful, I encourage you to contact legislators and let them know that people in central and western Kansas deserve the same reliable, affordable energy and economic benefits enjoyed by Kansans elsewhere in the state.



Casey's Comments

scmccormick@nwkansas.com I just ran into a friend of mine who is taking his 10-year-old son to Disney World in Orlando, Fla.

When I was a kid our family loaded up in the station wagon and drove from Denver to California to Disneyland. The trip was a pilgrimage to the holy land of all children, both young and old.

Disneyland was the brain child of Walt Disney. His vision helped create a wonderland that everyone can identify with. Even if you've never been there, who doesn't know Mickey Mouse, Cinderella, Jiminy Cricket, Tinkerbell or Dumbo from TV or movies?

On another family trip, we flew to Florida to visit my grandparents, who had relocated from the midwest. Even though I was in my early 20s, I still felt the same euphoria of my youth at Disney World. This was before the EP-COT Center was built. So I have another reason to go back someday.

To give you an idea of the power Disneyland had on me as a boy; after visiting there, it still played upon my mind.

On Christmas Eves I would lie in bed trying to fall asleep. The only way I could escape from the excitement of the presents waiting under our tree was to imagine being in Disneyland. By escaping the "here and now," thoughts of wandering the Magic Kingdom

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Casey

McCormick

slumber. I'm anxious to hear about my buddy and his son's adventures.

would eventually put me into a

Restaurant is worth the drive

per part of three sides of the gym.

The walls and balcony are decorat-

ed so uniquely with trophies, sport

memorabilia and desks. But, don't

stop there! Go upstairs where you

can rent a room for private parties.

The Holzwarths have decorated the

classrooms like a teacher would,

sical instruments and 33 and 78 re-

cords on the walls along with the

historical pattern books. You have

Letter to the Editor:

It's amazing! I've heard about Delroy Holzwarth's restaurant, but Turn off on I-70 on I-135 and keep driving. I'd never heard of Smolan either! It is a lost little town like lots of Kansas historical towns.

In 1993, the Holzwarths renovated the schoolhouse kitchen, purchased a smoker and founded The Hickory Tree Restaurant and catering service.

Inside the restaurant, the walls

-Letters to the Editor never took the time to check it out. but it has a balcony around the up- to visit yourself to see it all.

> Delroy and I were classmates in high school. I'd never dreamed he's be back in school!

Oh, also, the food was great! It is almost hard to eat for trying to absorb all the memorabilia.

Don't expect to visit much with Delroy. He's the chef attender only maybe more classy. There of the all-you-can-eat hickory were science, history, and library smoked meat.

Nuclear plants are prohibitively expensive to build.

Solar energy seems like a logical choice, but this developing technology is not yet advanced for large-scale use, the cost is staggering. In December 2007, Power magazine estimated the production cost for the world's largest solar project in Germany was \$510 per MWh.

Wind energy seems like the solution to many people. However, base-load units such as large coal units operate consistently at 90 percent capacity factors, while wind systems average less than 40 percent in most instances. Since the wind blows intermittently, consumers cannot rely exTime is of essence, so please act today.

To find out how your legislators voted on the pending energy legislation, go to www.kecl.org and click on "Support Sound Energy Policies in Kansas."

Please contact your Kansas Legislators immediately in support of the pending sound energy legislation.

If you have further questions, please contact our office at (800) 577-3323 or stop in for a visit.

> Allan Miller General manager Prairie Land Electric Coop Norton

are filled with old school memora- rooms (the library sure wasn't like bilia with much of it being donated our study hall). I loved the old mufrom patrons all over the U.S.

You dine in the original gym. It has the stage like our grade school

New gym should wait

The new gym — I'm all for it, but not right now. We should maintain what we have before we think about it. They talk about a new floor in the high school, the one in the grade school has nails coming out of it, the bleachers are chipped and torn up, there are no doors in the boys' and girls' bath-

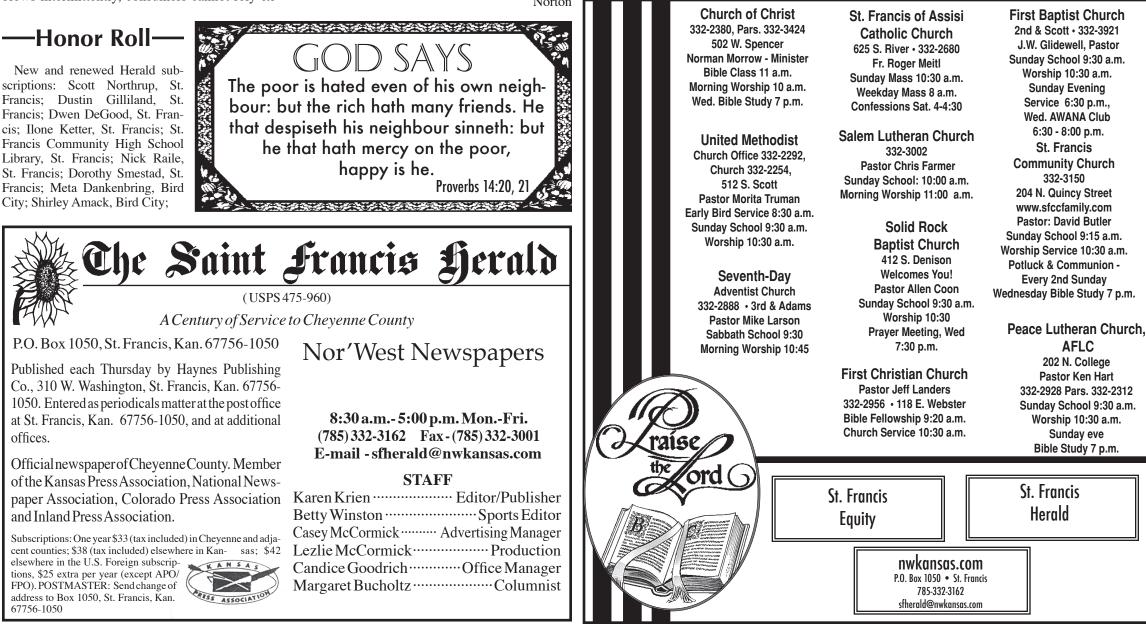
rooms, the wind blows through some of the windows, the boiler is old and can't keep up. Outside, the front needs a sprinkler system, out back of the school needs paving first, to name a few things. Jim Laffond

St. Francis

Donna Stevens St. Francis

-Honor Roll-

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offices.