

Pine Street Presbyterian Church

156 years in the heart of the city

THE MISSION OF PINE STREET Presbyterian Church extends well beyond its soaring Gothic structure and stunning stained glass windows. An NRG Energy Center Harrisburg customer, Pine Street reaches out to put its faith into action in the Harrisburg community.

It all began in 1858 when 42 people met to form the new congregation. By 1859, a Harrisburg architect had designed their new church, and a cornerstone had been laid at North Third and Pine streets. The congregation continued to grow, requiring a significant expansion to the building in 1926 to the church we see today.

"Our historic structure has served as the foundation of our outreach efforts

over the years," says Anne Guenin, Church Administrator. "Here we gather to worship and dedicate ourselves to service. We are committed to helping the less fortunate. We also try to meet the community's cultural needs by holding organ recitals and art exhibitions. We hope to nourish the whole person, spiritually and otherwise." (See "A Supportive Presence in the City" sidebar.)

Located near the State Capitol, the 9,000-square-foot church has a 600-seat sanctuary. Pine Street uses NRG Harrisburg's steam for space heating and recently installed central air conditioning to cool the

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A Supportive Presence in the City

Pine Street Presbyterian Church spearheads and provides volunteers for Downtown Daily Bread, a soup kitchen and more located in the church's Boyd Building, just across the street. In coordination with other congregations, the program provides hot, nutritious lunches 365 days a year for the city's needy and homeless. It has grown through the years to include phone and mail service, lockers, showers, haircuts and clothing. An intake counselor and mental health professional are regularly on site, and an adult learning center will soon be available for those preparing to earn their GEDs. Downtown Daily Bread recently celebrated its 30th anniversary. Learn more at downtowndailybread.org.

Courtesy Pine Street Presbyterian Church.



Pine Street's sanctuary features about 50 stained-glass windows, many of which have been donated in honor of loved ones. Several years ago many of the windows were removed and sent out for repair. All returned safely and are once again enhancing the worship experience.

NRG Harrisburg Digs In

Planting trees for a brighter future

BY 8 A.M. ON SATURDAY, April 26, NRG Harrisburg's Dan Quinn, Tim Kauffman and Joe McGovern were already hard at work in Uptown in honor of Earth Day. NRG Harrisburg's crew manned a backhoe and dug the holes so Covenant Community Corporation's volunteers could plant 43 five-foot oak, cherry and autumn brilliance serviceberry saplings in the boulevards along Division and North Third streets.

Covenant Community's Jean Cutler brought together funding and volunteers for the event, which builds on the results of a tree inventory commissioned in 2013 by several local and state government agencies and nonprofits. Cutler said that the trees will help reduce storm runoff; increase property values; absorb carbon dioxide; and even reduce stress, blight and criminal activity.

NRG Harrisburg was glad to help.



Courtesy Covenant Community Corporation.

Tim Kaufmann was one of three NRG Harrisburg employees who helped dig 43 holes for saplings in Uptown.

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sanctuary and common areas. The church uses programmable thermostats to help save energy and adjust building temperatures from weekdays to peak Sunday use.

Pine Street was designated a Presbyterian Church USA Earth Care Congregation nearly five years ago, which recognizes Pine Street's commitment to "be a careful, humble steward of this earth." For example, the church recycles, uses recycled products, is reducing its lighting needs, and recently installed high-efficiency windows in its education wing.

NRG Harrisburg looks forward to helping Pine Street continue to save energy as the

Churches Served by NRG Harrisburg

- Market Square Presbyterian
- Messiah Lutheran
- Pine Street Presbyterian
- Salem United Church of Christ
- Second Baptist
- St. Stephen's Episcopal

church and its members further embrace their stewardship of the earth and their community.



Courtesy Pine Street Presbyterian Church.

Pine Street Presbyterian Church is a longtime NRG Harrisburg steam customer.



Wood Recycling Pays. Many of NRG Harrisburg's supplies and parts are delivered on wood pallets. In the past, once large piles of these pallets and other waste wood accumulated, we'd transfer them to a large rented Dumpster, and the wood was hauled to a landfill. We have now found a better solution: This year we transported 2,120 pounds of waste wood to Zeager Bros. Inc. for recycling. There the wood is shredded for playground surfacing and mulch. This is good for the environment and also saves money since we no longer need to rent a Dumpster. We encourage others to do the same!



FROM THE GENERAL MANAGER

Thirty Years of Fulfillment and Fun



IT WAS 1984, and I was on my way to Harrisburg, Pennsylvania, to look at the city's steam heating system. What was central steam heating, I wondered, and by the way, where was Harrisburg?! I had never been there before.

I had recently left Gilbert Associates (now Worley Parsons), where I designed nuclear and coal-fired electric generating stations that made a lot of steam, none of which was used to heat a city. Now I was on a mission to find out more about Harrisburg's steam system and whether it would be a prudent investment for me and my business partners.

The Harrisburg system proved to be a robust district energy infrastructure with 7 miles of steam pipes under the city streets providing centrally produced steam to heat hundreds of buildings. That discovery was a turning point in my life. In 1985, my partners and I purchased the Harrisburg steam heating system from what was then Pennsylvania Power and Light, leading me to a 30-year career in the district energy business.

The current staff is stronger than ever and ready to meet our customers' ongoing needs.

It is now 2014, and at the end of June, I will retire from NRG Energy Center Harrisburg. I'm leaving with mixed emotions. It is time to have a bit more freedom in my life, but I will miss the challenges and fun of working with the customers, contractors and employees who make up NRG Harrisburg. We have accomplished so much together.

In fact, immediately after my partners and I bought the system in 1985, we added a cogeneration plant that produced 12 MW of electricity and enough waste heat to meet

one-third of the annual steam demand of Harrisburg's steam heating business. Later, we formed a company to provide chilled-water service to the Pinnacle Health Harrisburg Hospital and the major Dauphin County buildings in downtown Harrisburg. Additionally, we created a diesel engine services business that now thrives under the NRG Energy Services group. In 2000, NRG Energy, Inc. acquired all of these complementary business entities that continue to stabilize our customers' steam rates through cost-sharing opportunities.

Through the years, I could not have worked with a better group of people than my partners and the employees who staffed the plants. Over the years, we created a culture of looking out for each other's well-being—through our safety practices, health considerations, career growth opportunities and family-friendly environment. Many employees know that a key word in my work vocabulary is "fun," and if our employees are not having fun (growing, serving and learning within an atmosphere of respect), then I am doing something wrong.

I'm convinced that we did most things right: Over the past 30 years our employees have run the plants at essentially 100% reliability—meaning that over a span of 262,800 hours, there hasn't been an unplanned interruption of heating or cooling service.

My vision for NRG Harrisburg's future is one of continuing to deliver reliable and economical service to customers with a



Courtesy Jan Sockel

In 1987, the Harrisburg steam system's new management team celebrated the occasion at a special dinner with their wives. Seated, left to right: Jan Sockel, Carol Sockel, Nancy Li and Keith Li. Standing, left to right: Marilyn Mangione, Bill Goodwin, Bruce Mangione and Noreen Goodwin. Bruce passed away in 2002; the steam plant was renamed in his honor.

renewed emphasis on expanding our energy service offerings. The current staff is stronger than ever and ready to meet our customers' ongoing needs. I'm confident that 30 years from now the system will have delivered another 262,800 hours of reliable, efficient and cost-effective energy services.

Finally, I am pleased to introduce Keith Li as my replacement in the General Manager's role. Keith was a part of our group that acquired the steam system in 1985. Currently serving as our Controller, he has been an integral part of NRG Harrisburg's reliable service history.

Keith has an in-depth knowledge of all facets of our business and an excellent rapport with our employees, customers and contractors. I wish Keith all the best in his new position. NRG Harrisburg will be in the hands of a good and hardworking leader.

Thanks for the fun.

Jan Sockel, General Manager
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Safety Preparedness for Firefighters and NRG Harrisburg

WHEN IT COMES to fighting fires, knowledge can be power. If firefighters know what types of chemicals and equipment are at the scene, they can be better prepared to safely battle the blaze. That's why NRG Energy Center Harrisburg hosted two battalions of Harrisburg firefighters for plant tours and training sessions in April. If there is ever a fire at our plant, we want them to have first-hand knowledge of the premises.

During the tour, we highlighted our equipment and where chemicals are stored. We also explained how to safely work with steam. NRG Harrisburg was pleased to give the firefighters an inside look. We thank them for their service.





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Record Cold Snaps

Harrisburg and the years ending in 4

THE POLAR VORTEX hit Harrisburg hard this winter. Most of us do not need to be reminded; our memories of getting into cold cars or paying our heating bills are still fresh in our minds. But did you know that the three coldest winters (December through March) in the past 30 years just happen to have been in years that ended in 4—1984, 1994 and 2014? The only year missing from this pattern is 2004, which was the eighth-coldest winter in the past 30.

As a steam heat supplier, NRG Energy Center Harrisburg views very cold weather with mixed emotions. Although cold weather means more steam sales, normal weather actually provides greater stability. Also, very cold weather places a burden on the fuel supply network that affects all energy users throughout the region. We are proud that we kept the steam flowing to our customers this past heating season in spite of the fuel supply interruptions we experienced during the coldest weeks in January and February.

What about the future? If the pattern of the 4s continues, the next polar vortex is 10 years away. Whether or not that proves to be the case, we at NRG Harrisburg will continue to carefully manage our fuel supply strategies, often using lessons learned from extreme weather events. It is all a part of how we maintain exceptional steam supply reliability while minimizing costs in a constantly changing fuel market.



Photo: ARD

All the World's a Stage. ARD German Television Reporter Ingo Zamperoni (left) interviews Jan Sockel, General Manager of NRG Energy Center Harrisburg. Ingo and a crew from ARD, Germany's largest television network, were in Harrisburg in April to tour the plant and film a segment for the "Weltspiegel" program, an enormously popular Sunday evening newsmagazine that has been compared to the CBS-TV program "60 Minutes".