Commercial Solutions
Global vision

KD Navien was the first to adopt the EN (European) standard for all its boilers. This assures world-class quality in every country where our products are sold. Today KD Navien retains the largest market share for condensing gas water heaters in North America; is ranked top in technology patents; and as a leading boilermaker, is the largest exporter of boilers from Korea. KD Navien proudly exports that leadership in dependability, design, green technology, social responsibility and customer service to over 30 countries.

A world leader in energy efficient technology

KD Navien was an early leader in developing condensing technology for boilers and water heaters. Condensing technology maximizes energy by using unused heat emitted from flue gasses. As a result, energy consumption and green house gases are significantly reduced. Emission temperatures are much lower too.

Navigator/Energy/Environment

Three words from which the company name was created

Mission

To provide customers with the ultimate comfortable living environment through energy efficient products by using innovative technology to create a healthier environment for our future generations.
Navien NPE Series leads the industry with these innovations

1/4" gas pipe capabilities up to 24', reduces installation time for retrofit applications.

Dual stainless steel heat exchangers resist corrosion better than copper.

2" PVC venting up to 60'. No need to cut new chases, saving time and money.

NPE condensing tankless water heaters have an efficiency of 0.97 UEF.

Cascade more than 4 units without a separate controller.

Navien captured first place award for innovation at 2013 AHR Expo.

Navien is a proud Energy Star Partner. The NPE-S 0.99 EF / 0.97 UEF is at the top of the Energy Star list.

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NPE Series condensing gas water heaters win the prestigious IF Award for Product Design in 2013.

Advanced technology for a cleaner world

KD Navien’s high efficiency and eco-friendly technology has reduced energy consumption by 20% and cut down the emissions of green house gases. Our condensing tankless gas water heaters achieved the industry’s highest energy factor, 0.97 UEF / 0.99 EF, setting the standard for the rest of the world.

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The following case histories describe how Navien tankless water heaters solved issues of reliability, durability, operating efficiency, energy and water conservation, installation challenges and customer support.

Navien products are installed daily across the United States, Canada and the world, in both commercial and residential locations, in new construction and retrofit applications. This book, by way of introduction to our many solutions and satisfied customers, is a very small sampling of our capabilities. We invite you to visit us on an ongoing basis at NavienInc.com.
Biaggi’s Ristorante Italiano
Deer Park, IL

No “cold water sandwiches” served at this restaurant

Sitting in the middle of a busy commercial area in Deer Park, Illinois, Biaggi’s Ristorante Italiano is a family-friendly, casual dining restaurant that serves extensive menu of classic Italian dishes and sandwiches.

The restaurant’s kitchen crew noticed that the existing system was struggling to keep up with the demand for hot water, especially during peak hours. They were installing two new tankless water heaters but still needed a solution to handle the high volume of customers.

Solution
Gregg Bickus of Bickus Plumbing convinced the owners to replace their old system with four cascading Navien NPE’s (240 units). Gregg said, “PVC is cheaper, available everywhere and all the crew could replace the old system so quickly is the ability to use 2” PVC venting. One of the reasons Gregg’s faster, less expensive installation:

- McDonalds Restaurant, Marion, IN
- Texas Roadhouse (Multiple Locations), Indianapolis, IN
- Texas Roadhouse, Muncie, IN
- Wendy's Restaurant, South Bend, IN
- Rock Fish Grill, Multiple Locations, TX
- Burger King, Multiple Locations, TX
- Wendy’s, Multiple Locations, TX
- El Fenix, Multiple Locations, TX
- Five Guys Burgers, Multiple Locations, TX
- Taco Bueno, Multiple Locations, TX
- Texas Roadhouse, Sugarland, TX
- Bob’s Steak and Chop House, Plano, TX
- Moxie’s Restaurant, Langley, BC, Canada
- Applebee’s, Riverside, Las Vegas, NV
- Chipotle, MN-West Coast
- Joe’s Crab Shack, Sacramento, CA
- GoodeWolfe Restaurant, Yaletown, BC, Canada
- Little Restaurant, North Vancouver, BC, Canada
- Moxies, Surrey, BC, Canada
- Wendy’s, Vancouver, BC, Canada
- The Keg, Newmarket, ON, Canada
- Sonic, Madison Heights, MI

In addition to the featured restaurant case study to the left, Navien products are efficiently saving energy and supplying endless hot water to many other dining facilities. A selected group of restaurants using Navien’s technology, is listed below.

Biaggi’s chain restaurant “Service” honoree, replaces tank system with four cascading Navien NPE’s in overnight installation

Situation
Biaggi’s Ristorante in Deer Park, Illinois, found that inefficient 200-gallon tank could barely keep up with diminishing demand and would replace tanks every two or three years.

Solution
Gregg Bickus of Bickus Plumbing convinced the owners to replace their old system with four cascading Navien NPE-240 units. The Bickus crew started about a half hour after this restaurant sandwiches” served at this restaurant

Benefits
Instant hot water supply: Unlike other tankless systems, the Navien NPE features a buffer tank and recirculating pump to provide an uninterrupted flow of hot water. This prevents a condition known as “cold water sandwich” which sends cold water before the heater reaches full temperature.

Stainless steel heat exchangers, a Navien exclusive, last longer than other tankless heaters with aluminum or copper heat exchangers. Stainless resists corrosion from hard water and Navien NPE units don’t have to be cleaned as often as other tankless heaters.

Durability: Stainless steel heat exchangers, a Navien exclusive, last longer than other tankless heaters with aluminum or copper heat exchangers. Stainless resists corrosion from hard water and Navien NPE units don’t have to be cleaned as often as other tankless heaters.

Faster, less expensive installation: One of the reasons Gregg’s crew could replace the old system so quickly is the ability to use 2” PVC venting. Gregg said, “PVC is cheaper, available everywhere and all the plumbers use PVC fittings.” Since the NPE uses 2” venting, PVC can be run unobstructed and clear, saving many hours of installation time.

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Biaggi’s Ristorante Italiano
Deer Park, IL

“Go out about a half hour after the restaurant closed and we had it up and running by 10:30 the next morning.”

Gregg Bickus, Bickus Plumbing, Inc.

Four NPE units were cascading technology to assure a steady and dependable flow of hot water.
Prestigious Independent School League member saves $20,000 a year in gas, water and electricity costs by switching to a Navien NPE-240 system

Situation

Brooks School, a co-educational day school in North Andover, Massachusetts, used two inefficient 400,000 BTU boilers to heat a 300-gallon storage tank. With a $2 million dollar annual utility bill, the school was looking to reduce the cost of gas, water and electricity by 5-10% per year. The old system cost about $2,000 a year for maintenance and repairs — not only for the boilers and the tank — but also for the corrosive metal venting. Due to corrosive water, they had to replace water tanks far too often.

Solution

Brian Palm, Director of Sustainability and a teacher of environmental science, investigated replacement options for the school. Bob Avila of Avila Plumbing and Heating, suggested using three Navien NPE-240’s to address the issues of operating efficiency, durability and maintenance. The new system was installed over the 2012 winter break.

Benefits

Significant energy cost reduction:

After a thorough cost/benefit analysis, Brian stated, “Conservatively, we expect to save about $20,000 in water, natural gas and electricity. Lower maintenance costs: The Navien on-demand water heater system uses a Comfort-Flow Combustion System with a buffer tank and self-contained pump. Bob said, “Now we don’t need as many pumps circulating water. The maintenance is next to nil.”

Durability:

Bob liked the stainless steel heat exchanger. “It doesn’t corrode like other units it will last a lot longer.” With the new Navien system, there are no water tanks to replace every few years. In addition, the PVC venting not only costs less, it’s easier to install and will not rust or corrode like other units.

Navien provides school a lesson in economics

Brooks School
North Andover, MA

To learn and see more, visit navieninc.com/Commercial

Three NPE Tankless External Recirculation Mode

The drawing below shows how the NPE-240 water heater recirculates hot water during the school day to a point of use. The Navien system is designed to provide endless hot water to many other educational facilities. A selected group, currently profiting from Navien’s technology, is listed below:

•  Forest Park High School, Ferdinand, IN
•  University of IL-Apt. Building, Urbana, IL
•  Prairie PK-12, New Raymer, CO
•  Resurrection Christian School, Loveland, CO
•  Abbottsford Elementary School, Abbotsford, BC, Canada
•  Simon Fraser Elementary, Vancouver, BC, Canada
•  Sheridan College, Etobicoke, ON, Canada
•  Seneca College, King City, ON, Canada
•  Burnaby North Secondary School, Burnaby, BC, Canada
•  Nait, Edmonton, AL, Canada
•  Langley High School, Langley, BC, Canada
•  Fresno Unified School District, Fresno, CA
•  Clovis Unified School District, Clovis, CA
•  Phillips Academy Andover, Andover, MA
•  Prairie High School, Cedar Rapids, IA
•  Wastenaw Community College, Ann Arbor, MI
•  Hazel Park Schools, Hazel Park, MI
•  Oakland University, Rochester, MI
•  CMU Student Housing, Mt. Pleasant, MI
•  UNC Wilmington, Wilmington, NC
•  Cape Fear Academy, Wilmington, NC

In addition to the featured college preparatory school case study to the left, Navien products are efficiently saving energy and improving, achieve hot water to many other educational facilities. A selected group, currently profiting from Navien’s technology, is listed below.
Scott Reed, design engineer for Evansville Winnelson said, "It’s great when you can show off your product in a nicely designed installation. We really appreciate the craftsmanship from Altstadt Plumbing." Joe Cox, Altstadt Plumbing, has been working with Navien tankless systems for over five years.

The Courtyard by Marriott Evansville, Indiana has to supply hot water on demand to 119 rooms as well as a bunks facility and a small restaurant. Demand varies greatly depending on the number of guests and restaurant traffic, so the hotel needed a system to provide the flexibility of handling peak loads and off-peak.

Development

Joe Cox from Altstadt Plumbing worked with Scott to plan and install the system. The entire installation took less than two weeks.

Benefits

Efficiency for high and low demand: Joe explained how they configured the water heating system. “You’ve got to consider how many rooms there are based on the fixtures and the amount of occupancy you can have at one time and then basing that on gallons per minute, get the size of the equipment needed to handle that load. But you don’t want equipment running constantly when it’s not needed. That’s where Navien becomes a benefit because in times of low use they can run minimally or not run at all. Then in highest demand periods, all seven Navien’s kick in.”

Ease of installation: “We used insulated storage tanks to supply plenty of water to the Navien heaters. Joe said, “We used unheated storage tanks to supply plenty of water to the Navien heaters. At any one point in time there’s 19 gallons times three which is close to 60 gallons that can be drawn out for heating.”

Durability: Joe likes the long-term reliability of the NPE unit. “With the two stainless steel heat exchangers you don’t have to worry about scaling and corrosion as much. And basically the warranties are great.”

Overview of the Installation

The Courtyard by Marriott in Evansville, Indiana, uses seven Navien NPE-240’s to provide a steady supply of hot water for high and low demand.

Situation

Design engineer Scott Reed from Evansville Winnelson designed a hot water supply system with seven Navien NPE-240 water heaters and three insulated tanks to circulate water to and from the Navien heaters. Joe Cox from Altstadt Plumbing worked with Scott to plan and install the system. The entire installation took less than two weeks.

Requirements

- NPE-240 water heaters and three insulated tanks to circulate water to and from the Navien heaters.
- Design engineer Scott Reed from Evansville Winnelson designed the system.
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Benefits

- Efficiency for high and low demand
- Ease of installation
- Durability

Solution

- NPE-240 water heaters
- Three insulated tanks
- Design engineer Scott Reed from Evansville Winnelson
- Joe Cox from Altstadt Plumbing
- Installation took less than two weeks

In addition to the featured hotel case study, to the left, Navien products are efficiently saving energy and supplying endless hot water to many other hotels. A selected group, currently profiting from Navien’s technology, is listed below:

- Hampton Inn, Evansville, IN
- La Quinta Hotel, Cuero, TX
- Sandman Signature Hotel, Langley, BC, Canada
- The Lodge at Woodloch, Hawley, PA
- Best Western, Alantown, PA
- MGM Grand Private Executive Houses, Las Vegas, NV
- Motel Grande Prairie, Grande Prairie, AB, Canada
- Hampton Inn, Evansville, IN
- The Sandman
- Inn On 5th, Naples, FL
- The Inn On 5th, Naples, FL
- Oldsmar, FL
- Hampton Inn and Suites

Warm Water to Fixtures

Current Flow

Pipe Size

Easier venting installations: Joe explained how they configured the water heating system. “You’ve got to consider how many rooms there are based on the fixtures and the amount of occupancy you can have at one time and then basing that on gallons per minute, get the size of the equipment needed to handle that load. But you don’t want equipment running constantly when it’s not needed. That’s where Navien becomes a benefit because in times of low use they can run minimally or not run at all. Then in highest demand periods, all seven Navien’s kick in.”

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Princeton University Medical Arts Pavilion
Plainsboro, NJ

Navien NP units provide reliable and efficient source of hot water for Medical Center

Nine cascading Navien NP-240 NG units provide hot water on demand to six floors of office space, surgery center and outpatient clinic.

Working with 3-inch PVC reduces installation time and material costs. Since the units were installed on the top floor, each could be individually vented through the side wall.

Ivy League medical facility uses Navien and achieves LEED certification

Situation

The Princeton University Medical Arts Pavilion is a new six-story medical office building adjacent to the Princeton University Hospital. The office building also includes a surgical center and outpatient unit where a continuous hot water supply is critical.

Solution

Triangle Plumbing, working with manufacturers rep Maloney & Curcio, installed nine cascaded Navien NP-240 NG units in three banks of three in the rooftop mechanical room. Each is individually vented with PVC pipes.

Benefits

Higher efficiency: Terry Moore of Maloney & Curcio recommended the Navien units because of their higher efficiency. Terry explained, “Navien is the highest rated in the industry. You’re looking at an energy factor of 0.95. So that means only 5% of your heat is going out the flue. Compared to a unit at 0.80 EF you’re looking at 15% cost savings right off the bat.” Navien units were one of many factors used in the building’s LEED certification achievement.

Reduced space requirements: Terry commented, “We had a very limited space. It’s a very tight building. So, getting this much hot water produced without a storage tank was huge for them, and being able to do it in such a small footprint was very important.”

Easier, lower cost installation: Each NP-240 NG unit is vented with 3-inch PVC pipe. Terry summarized his benefits, “PVC is readily available and contractors are very comfortable working with it. It’s a low cost material and costs less to install since it’s so easy to work with.”

More venting options: In this situation the heating units were installed on the top floor so a vent per unit was the easiest solution. But Terry said for other installations it’s also easy to combine PVC vents to reduce the number of penetrations for aesthetic purposes. “There is no right or wrong choice on that. It’s more of a preference. It’s nice having the option to do whatever you want.”

Durability and maintenance: Terry mentioned the advantage of having two stainless steel heat exchangers in the Navien units. “Stainless doesn’t scale up like copper and because of that, we don’t have to do a recommended purge. The stainless heat exchangers last longer too.”

Navien NP units provide reliable and efficient source of hot water for Medical Center

In addition to the featured hospital case study to the left, Navien products are efficiently saving energy and supplying endless hot water to many other medical facilities. A selected group, currently profiling high efficiency technology, is listed below.

Modern medical centers are using the latest technology for all systems, including heating water.

Navien water heaters were recommended based on their industry-leading efficiency rating.

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Manufacturer of car wash products gets all the hot water they need year round.

**Situation:** Trans-Mate, Inc., in North Billerica, MA, operates a 40,000-square foot facility to manufacture high quality professional car wash and car detailing products under their own brand and for private label customers. The plant requires a variable flow of warm water year round with a 1-million BTU requirement and peak flow rates of 18-20 GPM. Their 100-gallon tank could not meet the demand in cold weather and needed to be replaced every three years.

**Solution:** Tom Gouveia of Frank Gouveia Plumbing worked with Tim O’Brien of David Sanding Inc, Navien’s MA representative, and plant manager Bob Ouellette of Trans-Mate to develop a cost efficient system to supply hot water year round and avoid the headache of replacing tanks every three years. Tom removed the old tank and installed 5 cascaded Navien 240 NG units within two days. Venting was ganged for the five units so only one additional hole was needed in the corrugated roof.

**Benefits:**

- **Efficient, constant supply of hot water all year round:** Tim Hunt of Frank Gouveia Plumbing commented, “The big advantage of cascading is that if they only need a certain amount of water, then only one of them will go and the rest stop. It’s not the same one running all the time. They gang up, depending on the amount of hot water required. This is a big bonus to extend the life expectancy of system.”

- **Simpler venting, less expensive installation:** Unlike competitive systems that would have required five penetrations in the roof, the Navien system, allowed venting with just two openings. Tim Hunt remarked, “That works out very, very well.” Hunt concluded, “If we’re talking about aesthetics, space and convenience all in one package, you cannot beat a Navien product.”

- **Longer life expectancy:** Tim Hunt said, “we were called in because of looking for an alternate way of getting hot water instead of that one tank. At the time, the tank had died. The Navien stainless steel heat exchanger is a bonus because we don’t always know about the water quality. Copper is a problem in acidic water whereas stainless steel is pretty much impervious to that.”

The Navien NP-240 system is so energy efficient, it qualifies for rebates from the state of Massachusetts. "The fact that they got a large rebate was one of the biggest determining factors," Tim Hunt said.

Water needs vary throughout the year. Depending on the season and the products they are manufacturing, Trans-Mate, Inc. needs a reliable supply of hot water year round.

**Trans-Mate Incorporated**

North Billerica, MA

Trans-Mate takes a shine to Navien

Tim Hunt of Frank Gouveia Plumbing

"This plant has used the Navien system for about eight months, through the winter, with no reliability problems. It’s not something they need to replace in the three to four-year period."

Trans-Mate, Inc., in North Billerica, MA, has been a leader in making a wide variety of high quality car wash and automotive detailing products.

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According to the company’s president, "This new system is a very reliable unit. We’re not hearing any issues. They’re all running very well."

**Trans-Mate, Inc., in North Billerica, MA, has been a leader in making a wide variety of high quality car wash and automotive detailing products.**

"Another Navien bonus is a very neat set up, off the floor, easy to maintain, and you have a 10-year warranty on them. They’re designed specifically for commercial."

Tim Hunt of Frank Gouveia Plumbing

"Trans-Mate has used the Navien system for about eight months, through the winter, with no reliability problems. It’s not something they need to replace in a three to five-year period."

**In addition to the featured industrial case study to the left, Navien products are efficiently saving energy and supplying endless hot water to many other companies. A selected group, currently profiting from Navien’s technology, is listed below:**

- Kasco Pharmaceuticals, Detroit, MI
- Raytheon, Woburn, MA
- City of Calgary Water Treatment Plant, Calgary, AB, Canada
- North Shore Hospital (St. Luke), Covington, WA, Canada
- St. Regis Paper, Blue Springs, MO
- Ingersoll-Rand, West Berlin, NJ
- Denman Care Environmental, Montgomery, NC, Canada
- Buffalo Trace Distillery, Lexington, KY

To learn and see more, visit navieninc.com/Commercial
Country club replaces water hazards

Honor Roll winner for “Best Private Course” in New Jersey, Forsgate Country Club saves up to $9,000 a month with efficient Navien units.

Situation

For years the Forsgate Country Club, Monroe Township, New Jersey relied on a huge 2.6 million BTU fused steam boiler to power an indirect fired hot water heater with a 750 gallon tank. That steam boiler ran 24/7, resulting in unsustainable energy bills. The Country Club has two locker rooms and locker room showers for men and women, so they have wide variance in hot water requirements, rather than a continuous high demand.

Solution

After consulting with Navien distributor APR Supply Company, contractor Ken Alexander of Alexander Plumbing, Heating and Air Conditioning removed the old system and installed five Navien NP‑240 NG units and two new 80-gallon tanks for extra capacity.

Benefits

Energy and maintenance savings: Ken Alexander from Alexander Plumbing, Heating and Air Conditioning commented, “Between the Navien system, we just couldn’t get a six-inch pipe to make the turns.” We could have common vented them all on six-inch pipes but with the space requirements we just couldn’t get a six-inch pipe to make the turns. “

Flexible in meeting hot water demand: Ken described Forsgate’s Situation.

Space savings: The customer and the contractor appreciate the space savings advantages. “The old boiler and tanks were about the size of a small school bus,” Ken explained. “The five Navien units take up roughly 8-feet of wall space, doing the same job and far more efficiently.”

Durability: Ken explained, “Navien uses stainless steel heat exchangers which allow years of maintenance free operation. They’ll hold up a whole lot longer than copper.”

Easy installation/ more options in venting: Unlike some other brands, Navien conditioning units allow contractors to use PVC pipe, saving labor and material costs. Ken also likes the option available with PVC venting. “One of the nicest things about Navien’s is they can be common vented. We have three units common vented on two pipes. Then we have the other two units common vented on another set of pipes. We could have common vented them all on six-inch pipes but with the space requirements we just couldn’t get a six-inch pipe to make the turns.”

For more information on Navien products, visit navieninc.com/Commercial

To learn and see more, visit navieninc.com/Commercial

In addition to the featured country club case study to the left, Navien products are efficiently saving energy and supplying endless hot water to many other leisure facilities. A selected group, currently profiting from Navien’s technology, is listed below:

• Renaissance Point YMCA, Fort Wayne, IN
• Knockouts, Multiple Locations, TX
• Body Works Fitness, Lubbock, TX
• Municipal City Pool and Gym, Las Vegas, CA
• Macatawa State Park, Holland, MI
• Proud Lake State Park, Wixom, MI
• Pawtucket Country Club, Pawtucket, RI
• Freehold Country Club, Freehold, NJ

The Navien Boiler Heating and Air Conditioning system is the most advanced in the industry, delivering the highest efficiency available and eliminating the need for maintenance. The Navien boiler will last 20 years or more, all of which can be used for hot water.
As a seasonal hotel-condo complex Culver Cove Resort and Conference Center uses Navien technology to provide year-round water heating efficiency.

Situation

The Culver Cove Resort and Conference Center is an 80-unit hotel-condo complex located on Lake Maxinkuckee near Culver, Indiana. As a seasonal resort, there is a wide variation in hot water demand. Originally hot water was supplied from three utility rooms, each with six 100-gallon commercial tank-type heaters. Circulating pumps and mixing valves were required to prevent scalding.

Rick Wetzel, executive director of Culver Cove was looking for a more efficient hot water system to reduce energy costs, especially during low demand periods.

Solution

Rick worked with Mike Lambert of Hilti O&G Supply and Clark Byrnes of PM and Associates, the Navien distributor and rep in northern Indiana. They recommended installation of five cascaded Navien NPE-240 units for about one third of the complex — about 24 to 36 units from one to three bedrooms each. Mike and Clark worked with Jason Richards, owner of A Plus Plumbing Heating and Cooling, to work out details for sizing, designing and installing the system. The installation took about a week and a half, including removing the old tanks.

The five Navien units used two sets of four-inch PVC vent pipes that ran through the roof in an existing 12-inch B vent. Originally hot water was supplied from three utility rooms, each with six 100-gallon tanks. Space than the six tankless units saved.

Benefits

Efficient hot water supply: Jason said, ”The five Navien units are cascaded so when the master unit comes on, it triggers the next one in line to help as needed, and an on until units are running if necessary. Each time a Navien unit comes on, it’s a different master-slave situation, so all five units have equal run time.” Clark added, ”With the old tank system, we could eliminate the external circulating pump and mixing valves since we can set the temperature at 85 degrees.” Another huge factor in selecting Navien NPE was the internal recirculating pump and buffer tank, which assure an uninterrupted flow of hot water.

Energy and water savings: ”We have noticed a decrease in our energy cost from NIPSCO, our local gas supplier — a real dollar savings every month,” Rick remarked. ”We have applied for an energy rebate. I also have seen a decrease in our domestic water use.”

Easier installation: ”One of the main reasons we went with Navien is the ability to use PVC.” Jason said: ”The common venting also makes it less expensive. In this retrofit situation, we could use existing penetrations to run our vents. That saved a lot of labor.”

Culver Cove Resort

Culver, IN

As a seasonal hotel-condo complex Culver Cove Resort and Conference Center uses Navien technology to provide year-round water heating efficiency.

Saving energy is always in season at this resort.
Navien delivers steady stream of hot water to wash as many as five big trucks a day, plus supply all other hot water needs

Situation

The Village of Worth, Illinois, was looking to reduce energy costs and still supply enough hot water for their utility facility. The village maintains a fleet of 30 trucks and needs to wash as many as five a day, plus supply plenty of hot water to showers and wash-up sinks for the 10-man work crew. Their old 80-gallon water heater was not up to the job.

Solution

Wayne Demonbreun, Superintendent of Public Works at the Village of Worth, researched alternatives. When he studied Navien tankless heaters, he liked the efficiency and ability to supply all the hot water they needed, but only what they needed. Working with Mark Brickey of Metropolitan Industries, they replaced their outdated system with a Navien NPE-240A.

Benefits

Energy savings: Wayne told us, “We looked at this Navien unit simply for the purpose of saving money on gas. Our gas bill most likely would go down with this unit because it doesn’t have to work all the time. That was valuable to the village. So far, it’s been working out very nicely and it accommodates our hot water use very well.”

Steady supply of hot water: “The Navien unit is designed to give us hot water when we need it as long as we need it,” said Wayne. “At our facility, it accommodates every part of the hot water needs for a regular public works department of our size. We can wash trucks at about the same rate as with the 80-gallon heater, but now we don’t run out of hot water. It’s pretty much a smart machine. It doesn’t keep the water hot when you’re not using it. You have an output of so many degrees at the end of that hose no matter what.”

Quiet, cool operation: The Navien system runs quieter than traditional tank water heaters. “You don’t even hear them run,” said Wayne. Another thing, he added, “It runs a lot cooler because they are so efficient. That’s a real advantage in the summer when we’re trying to keep the room cooler.”

Village of Worth
Public Works Department
Worth, IL

Wayne Demonbreun, Superintendent selected Navien for all their hot water needs.

The Public Works Department for the Village of Worth, Illinois, washes as many as five trucks a day from their 30‑truck fleet.

Navien’s products are extensively used by law enforcement agencies for their high efficiency and ability to save energy. Municipalities and Commercial Buildings alike have chosen Navien because of their efficiency and sustainability. Navien’s environmentally friendly technology saves energy and money for municipalities and large commercial buildings alike.

Municipal fleet keeps on trucking with the help of Navien

In addition to the featured DPW case study to the left, Navien products are officially saving energy and reducing emissions to make even more lives safer.

The Public Works Department for the Village of Worth, Illinois, washes as many as five trucks a day from their 30‑truck fleet.

In addition to the featured DPW case study to the left, Navien products are efficiently saving energy and cutting the carbon footprint to make even more lives safer.

To learn and see more, visit navieninc.com/commercial
Global technology.
Local solutions.

Contact your local Navien representative to learn how Navien tankless technology is bringing the most energy efficient hot water to your customer’s business and/or residence.

To learn more visit: navieninc.com/commercial