

KUB Community Solar is Now Live!

KUB is proud to announce that Knoxville's first community solar array is now online! In partnership with TVA and the City of Knoxville, KUB established a 1-megawatt community solar array on 3 acres of land at the City's Public Works facility off of I-40.

Community solar is a way for KUB customers to support local solar projects and subscribe to the benefits of a shared solar array.

On average, the array will produce 1.36-gigawatt hours of solar energy per year, or enough to power around 100 homes. Renewable energy generation from the community solar array will help avoid approximately 964 metric tons of CO₂e emissions per year, which is equal to saving more than 100,000 gallons of gasoline.

Customers may now purchase a \$5 share of the KUB Community Solar array. **To sign up today, visit www.kub.org/communitysolar.**

KUB Water Quality Report: www.kub.org/2022kubwaterquality

When you turn on your tap, you can trust you will receive safe, high-quality water. Our 2022 Water Quality Report backs up that statement. Visit the address above to view the report.

The report details our excellent water quality record, stringent monitoring and testing, and constant maintenance and renewal of our water system. For example, concerns about lead primarily come from corrosion, or wearing away, of materials in household plumbing and fixtures that contain lead. KUB adds a safe corrosion inhibitor to our water and routinely monitors water quality to ensure corrosion control.

Replacing aging water systems is an issue utilities nation-wide face, and we are pleased to report that our water system is on a sound replacement cycle. Replacement projects are expensive, but the investment in our community's health and future is worth it. And KUB's water is still a great value — less than a penny a gallon.

If you would like a paper copy, please call KUB at 865-524-2911. (Español: llame y presione el número 2.)



Q&A | KUB Answers Your Questions

Q: What is an excess flow valve? Do I need one?

A: An excess flow valve (EFV) is a safety device that can be installed on your natural gas service line, which runs from KUB's gas main to your meter. EFVs react to a surge in pressure from a severed line to allow only a small amount of gas into your line. Most severed lines occur from "dig-ins," when you/an excavator dig on your property and hit your service line.

If your home's service line was installed in/after 1999, you probably already have an EFV. If your service line is older, KUB can add an EFV for an average of \$550. For more information, search for "Excess Flow Valves" on www.kub.org or call KUB at 865-524-2911.

An EFV is an additional safety option. Even without one, you still benefit from KUB's rigorous standards, proactive maintenance, leak surveys, and other efforts to keep you safe.

EFVs do not prevent leaks. See the "Call 811" and "Natural Gas Safety" sections in this edition of *Connection* for more information about prevention and detection of leaks.

Home Weatherization Funding Available



Home weatherization funding is available for low-income families through TVA's Home Uplift program, which is currently accepting applications. The Home Uplift program, funded by TVA, the Tennessee Department of Environment & Conservation (TDEC), and KUB, helps customers in need reduce energy costs.

Households that receive weatherization assistance save an average of \$15-20 on utility bills each month and see energy consumption reduced by about 15 percent after weatherization is complete.

KUB weatherization partnerships have served nearly 2,500 energy inefficient homes for low-income customers in our area, and many more homes are on the waiting list.

Apply for the TVA Home Uplift program by calling 888-986-7262 or by emailing support@mytva.com.

Visit www.kub.org/weatherization for more information about weatherization.

Spruce Up Your Sprinkler System To Conserve Water This Summer

Don't forget to spruce up your irrigation system this summer before you ramp up your watering. To ensure your system is operating efficiently, follow these four steps from EPA WaterSense:

- Inspect your system and sprinkler heads.
- Connect sprinkler heads tightly to pipes and hoses to avoid leaks.
- Direct sprinklers away from the driveway, house, or sidewalk to apply water only to the landscape.
- Select the right setting for your controller or choose a WaterSense-labeled model to take the guesswork out of scheduling and conserve water. To search for sprinklers, visit www.epa.gov/watersense.

For more information, visit www.kub.org/sprinklers.

Beat the Heat With Watering Credits

If you use more water during the summer months, KUB can reduce your wastewater bill automatically. KUB issues wastewater credits based on customer water usage between May and September. Credits will be applied from June through October to residential customer bills that meet the following criteria:

- Received water/wastewater service at the same address since October 1 of the previous year.
- Monthly water usage at least 50 percent higher in summer than the rest of the year.

If you meet the criteria, KUB automatically calculates credits based on your water usage from May–September. You will see any credits you earn on your bills in June–October.

If you have higher than normal water and wastewater use before May or after September, call 865-524-2911 to see if you qualify for a credit.

Call 811 Before You Dig

Call 811 at least three working days before you dig to have underground utilities marked for free. It's the law, and it helps prevent dangerous, costly dig-ins.

KUB marks natural gas, water, and wastewater mains, underground electric primary lines, and natural gas service lines. KUB does not mark water service lines, sewer laterals, or underground electric service lines.

Learn more about safe digging at www.kub.org/811.



Natural Gas Safety: Leak Detection

To help detect a leak, be alert for the "rotten egg" smell of natural gas. You may also hear blowing or hissing or see bubbling in a wet area or flames if a leak ignites. If you suspect a leak:

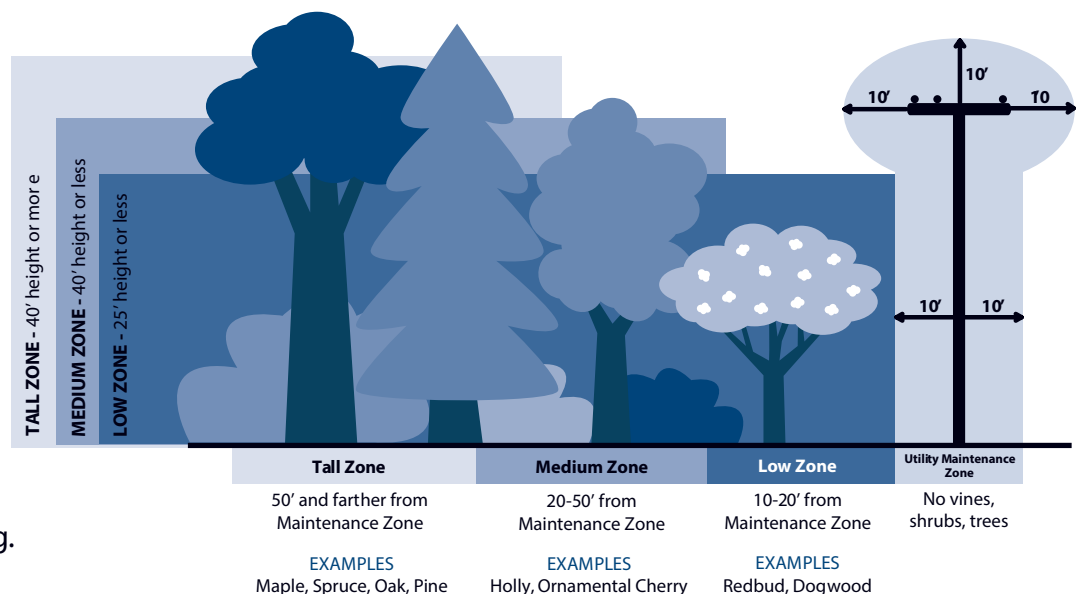
- Leave the area immediately; don't do anything that could create a spark.
- DON'T operate equipment, tools, or vehicles
- DON'T turn on or off equipment
- DON'T smoke or have open flames
- Call KUB at 865-524-2911 and 911 from a location with no leak signs. After calling KUB and 911, DON'T use your phone.
- Don't go back to the area until KUB tells you it is safe.

For more information, visit www.kub.org/safety.

Plant the Right Tree in the Right Place

KUB prunes trees to maintain safe, reliable electric service. Avoid future conflicts between trees and power lines by planting only low-growing trees near power lines, as shown.

If you have questions about tree pruning, visit www.kub.org/plantsmart. You can also call our Vegetation Management hotline at 865-558-6658 weekdays, 7 a.m.– 9 p.m., or email trees@kub.org.



KUB, a municipal utility (not for profit), serving Knox and parts of seven adjacent counties, provides reliable electric, fiber, gas, water, and wastewater services to about 478,000 customers.



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