



## Energy Insights: Comparison of Home Appliance Energy Use, Operating Costs, and Carbon Dioxide Emissions



This AGA study evaluates the critical differences in energy cost and emissions for many common home appliances that use natural gas or rely on other

forms of energy. AGA based this study on the characteristics of the average American single-family home and the likely energy consumption for each type of end-use home appliance. The analysis then looks at the current average full-fuel cycle greenhouse gas emissions for each energy source to evaluate the impact on the environment from each appliance in the coming year.

### Key Study Conclusions

- The average cost for residential natural gas is the cheapest form of energy, costing homes \$12.09 per MMBtu versus \$41.79 per MMBtu for electricity, \$25.11 per MMBtu for distillate oil, and \$24.42 per MMBtu for propane.
- The typical natural gas single-family home with standard efficiency appliances costs less than other fuel sources at just \$1,068 per year. Even compared to a home with a cold climate heat pump, the natural gas home on average saved \$390.
- Based on 2020 power generation emissions data from the EPA, the use of natural gas can lower household emissions this year by 17% compared with a home using many minimum-efficiency electric appliances including an energy star heat pump for space heating.
- A cold climate heat pump and heat pump water heater showed lower emissions compared to the typical gas home with standard appliances. With the installation of condensing natural gas space and water heaters, natural gas homes can reach 11% lower emissions this year than with the use of many advanced air-source heat pumps.
- The use of natural gas heat pumps can further lower emissions by 22% compared to the cold climate heat pump configuration.

## There Are Many Ways to Improve Your Lifestyle with Natural Gas

As a Zia Natural Gas customer, you already know and appreciate natural gas as the most efficient and cost-effective energy source to heat your home and cook your meals. But there are many other ways to utilize natural gas in your home or business to add even more convenience and efficiency to your life. Here are some examples:



**Home and Business Standby Generators** - When electricity fails, natural gas is there to keep your household operating and your family safe. Get peace of mind and automatic protection

during a power outage by installing a natural gas standby generator with automatic transfer for your home or business. These generators come in different sizes and put the control back in your hands. Larger generators can power your entire home in the event of an outage or you can choose a smaller generator and power only what you deem necessary.

**Clothes Dryer** - Natural gas clothes dryers can save you money in energy costs compared to electric models. Using a natural gas clothes dryer also dries your clothes quicker than an electric model because natural gas clothes dryers use a large quantity of dry, absorbent air which passes through your clothes and dries them more quickly.<sup>1</sup>



**Outdoor Grills** - By converting your outdoor cooking grill to natural gas, you will never have to worry about running out of propane again. With a natural gas cooking grill, you can focus on cooking and entertaining your guests and not how much propane is left in



the tank. The continuous flow of natural gas lets you focus on being the master of your backyard barbecues. Plus, it is better for the environment because of fewer greenhouse gas emissions.

<sup>1</sup>[https://www.diffen.com/difference/Electric\\_Dryer\\_vs\\_Gas\\_Dryer](https://www.diffen.com/difference/Electric_Dryer_vs_Gas_Dryer)

**Recipe**  
DIRECTIONS

# Pineapple Chicken Casserole

## Ingredients:

2 Cups cubed cooked chicken	1 tablespoon chopped green onions
1 can (10-1/2 ounces) condensed cream of mushroom soup, undiluted	1 tablespoon reduced-sodium soy sauce
1 cup Pineapple tidbits	1 can (3 ounces) chow mein noodles, divided
2 celery ribs, chopped	

## Directions

Preheat oven to 350°. In a large bowl, combine the first six ingredients. Fold in 1 cup chow mein noodles. Transfer to a greased shallow 2-qt. baking dish. Sprinkle with remaining noodles. Bake, uncovered, until heated through, 20-25 minutes. If desired, top with additional green onions.



## STICK WITH BLACK AND BLUE

Ink pens come in a large array of colors these days. These different colors add a flair to our writing style and allow us to change things up a bit in our day-to-day writing. However, as with any legal document, you should only use black or standard blue ink when filling in your checks. Here's why...checks these days are rarely deposited into banks like they were years ago.

Consumer checks are more frequently scanned with a Batch Feed Scanner and electronically submitted for deposit. The algorithm used by these Batch Feed Scanners decipher the contrast between the paper color and the written ink color. When the color spectrums of the two are similar it is difficult for the scanner to identify the contrast, even though to the human eye it looks fine, even appealing. In this instance, when a check reaches its deposit destination it might appear to have no writing on it at all. This can create unnecessary delays in a payment being credited to an account and in some cases, result in the check being returned.

It is for this reason that we ask our customers to use only black or standard blue ink when writing checks to Zia Natural Gas Company.

Other tips for mailing in payments:

- ✓ Please make sure to enclose your payment stub with your payment.
- ✓ Never staple or tape your check to your payment stub.
- ✓ Allow for several days of transit when mailing your payments.

To avoid mailing hassles, customers can also make payments on line at [www.zngc.com](http://www.zngc.com) or by calling their local office and making a payment over the phone with a credit card or a check.

## COMMUNITY CALENDAR

**August** – Las Cruces - **Doña Ana County Head Start** We are now recruiting qualifying children 3-5 years old for the 23-24 school year. We offer pre-school services that help children grow mentally, socially, emotionally, and physically. We also offer home-based services for infants and children up to 3 years old. Please contact us for more information Anthony 575-339-3450, Vado 575-339-3450, Berino 575-339-3413, Las Cruces 575-339-3440, or visit our website <https://headstart.nmsu.edu/>.

**August 2** – Ruidoso - **Sing 2. FREE-** Summer Kids Series at Sierra Cinema 9 am - 11am. The new chapter in Illumination's smash animated franchise arrives with big dreams and spectacular hit songs as the ever-optimistic koala, Buster Moon, and his all-star cast of performers prepare to launch their most dazzling stage extravaganza yet.

**August 12** – Las Cruces - **Summer Beer Festival** 5 pm - 11 pm. Established in 2015, the Las Cruces Summer Beer Festival is quickly becoming a staple in the die-hard downtown festival circuit. Featuring 240 diverse beer selections, available for sampling, and purchase, from some of the biggest names in brewing – and few you've never heard of – this is every beer lover's dream fiesta.

**August 12** – Ruidoso - **Little Texas.** Spencer Theater 8 pm - 10 pm. In the early 90's, as a new brand of country music was commanding the airwaves, Little Texas burst onto the scene with all original songs and intricately stacked harmonies, quickly becoming one of the top vocal bands of the decade!

**August 17** – Hobbs - **Job Fair Career Expo.** 9 am - 1 pm. Lea County Event Center Banquet Hall.

**August 19** – Ruidoso - **Midtown Market.** 9 am - 1 pm. Discover fresh, local foods and handmade crafts at the Midtown Market, where artists, bakers, wineries and more converge to provide locally made products in Midtown at the Country Club Lot, located at 100 Country Club Drive.

**August 24-27** – Deming - **Great American Duck Race.** 10 am - 6 pm. Every August thousands flock to Deming to laugh and cheer at the Tournament of Ducks Parade, the Duck Royalty Pageant and the hundreds of lucky ducks that enter the race for cash prizes, not to mention the Great American Tortilla Toss, the Great American Outhouse Race, and the Great American Horseshoe Tournament.

**August 25-26** – Hobbs - **Family Fun.** 5:30 pm - 10:30 pm. August Nites returns downtown Hobbs.

**September 1-3** – Hatch - **Chile Festival.** 9 am - 5 pm. Held annually in the "Chile Capital of the World" over Labor Day weekend includes Chile roasting, food and craft vendors, contests and fun for the kids, a carnival, and entertainment provided by local businesses along with volleyball, soccer, and softball tournaments.

**September 2-3** – Las Cruces - **Franciscan Festival of the Fine Arts.** 9 am - 4 pm. Every Fall, the beautiful grounds of the Holy Cross Retreat Center are opened up for lovers of the arts to peruse vendor booths and take in live entertainment by local balladeers on two stages.

**September 2-3** – Las Cruces - **Harvest Wine Festival.** 12 pm - 6 pm. Raise a glass over Labor Day Weekend at the Las Cruces Harvest Wine Festival, featuring over 100 of New Mexico's finest wines, direct from 16 New Mexico wineries, giving samples and selling by the glass and the bottle, along with grape stomping, arts and crafts vendors, children's activities, food trucks and live music, from indie to jazz, throughout each day.

**September 7-17** – Las Cruces - **Southern New Mexico State Fair & Rodeo.** 9 am - 6 pm. Every year in late September, southern New Mexico comes together to pay homage and get a glimpse into a way of life that is vital to our survival, with a family-friendly celebration of the region's agricultural roots and the people who maintain them.

**September 15** – Alamogordo - **White Sands Balloon and Music Festival.** 4 pm - 11 pm. The White Sands Hot Air Balloon & Music Festival takes place every year at both Ed Brabson Balloon Park in Alamogordo, where local performers entertain, and the beautiful White Sands National Park, where you can sit atop the dunes to watch as the colorful balloons lift off into the brilliant blue skies of southwestern New Mexico.

**September 16-17** – La Mesilla - **Diez y Seis de September.** 10 am - 4 pm. Celebrate Mexico's independence from Spain in the historic town of La Mesilla, and get a glimpse into the events that made New Mexico such a melting pot of cultures and traditions at one of the most colorful displays of ethnic pride this side of the present-day border.

**Reminder:** We use this section for our local communities. The messages must be non-partisan and non-religious. Non-Profit organization messages will be given preference. Please send the information to [osaucedo@zngc.com](mailto:osaucedo@zngc.com) before the 10th of the month to make the following month edition. Thank you.

"Do I not destroy my enemies when I make them my friends?" - Abraham Lincoln



New Mexico's Natural Choice...Zia Natural Gas Company  
Proudly celebrating over 30 years of service  
and looking forward to many more!

### Zia Natural Gas Company area offices:

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