



September 28, 2023

WA Parish

Powering Fort Bend – A look
inside and what's new at NRG's
WA Parish plant



Summer 2023: ERCOT Issued 12 Energy Conservations Appeals



ERCOT Real Time Grid and Market Conditions



7:48 ercot.com

ercot

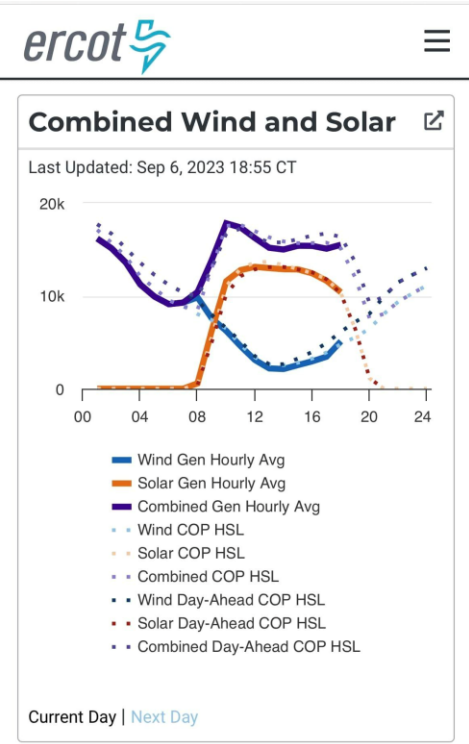
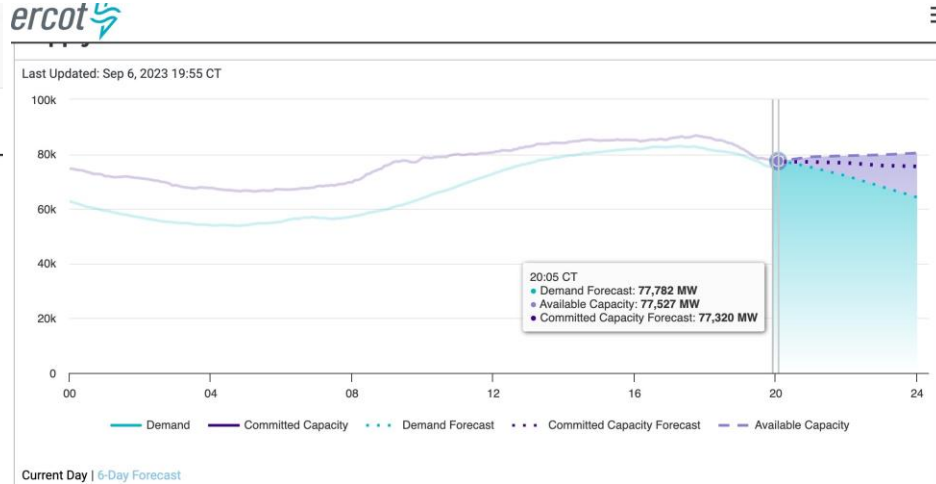
Grid Conditions

Last Updated: Sep 6, 2023 19:48 CT

OPERATING RESERVES:
2,279 MW

ENERGY EMERGENCY ALERT 2
Conservation critical. Risk of controlled outages.

Operating Reserves | [Daily PRC](#)





HOW PRODUCTION MEETS POWER DEMAND

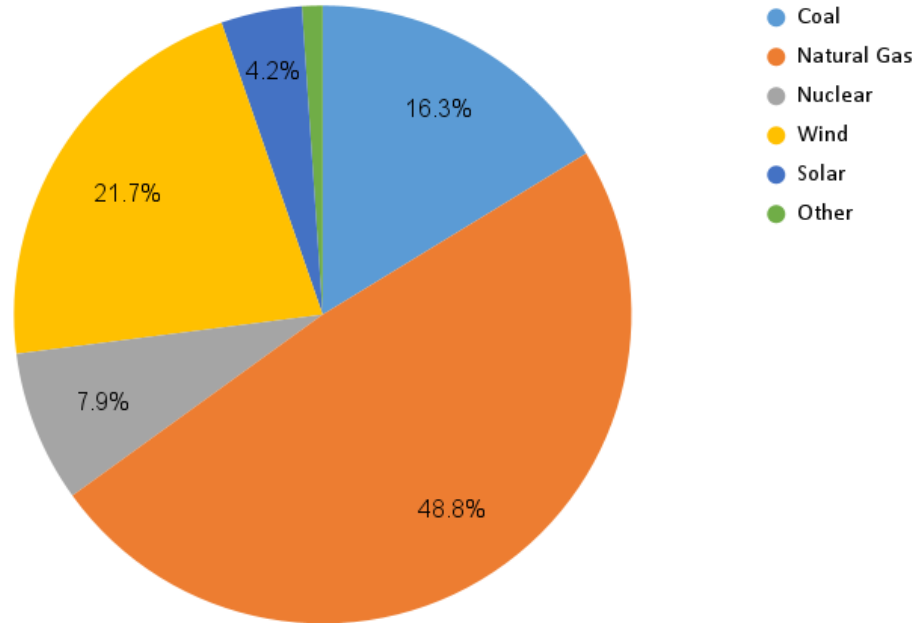


RELIABILITY IS THE HIGHEST PRIORITY DURING PRODUCTION

Unique Attributes For Every Energy Source



Texas Net Generation by Fuel Type, 2022





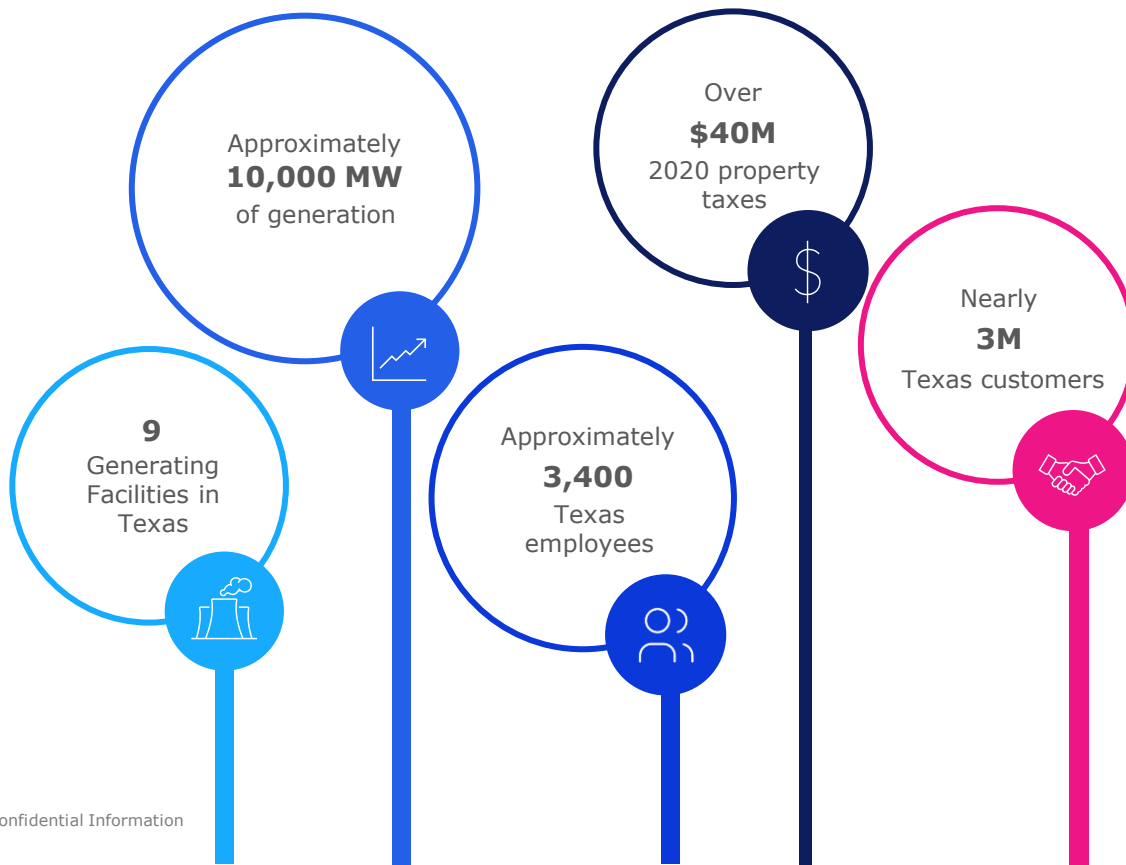
Power Generation at NRG

Matching assets to customers

Our generation fleet is closely mapped to where our customers are located.

NRG's national generation portfolio consists of:

- Natural gas (48%)
- Coal (41%)
- Renewables (1%)
- Nuclear (7%)



WA Parish

65 Years in Fort Bend County



Fort Bend Economic Impact

Employs almost 1K workers, paid \$40 million in taxes and donated \$200K to local nonprofits in last 5 years



Keeping Texans Powered

WA Parish is a 3,745 MW facility that can power more than 360,000 average homes



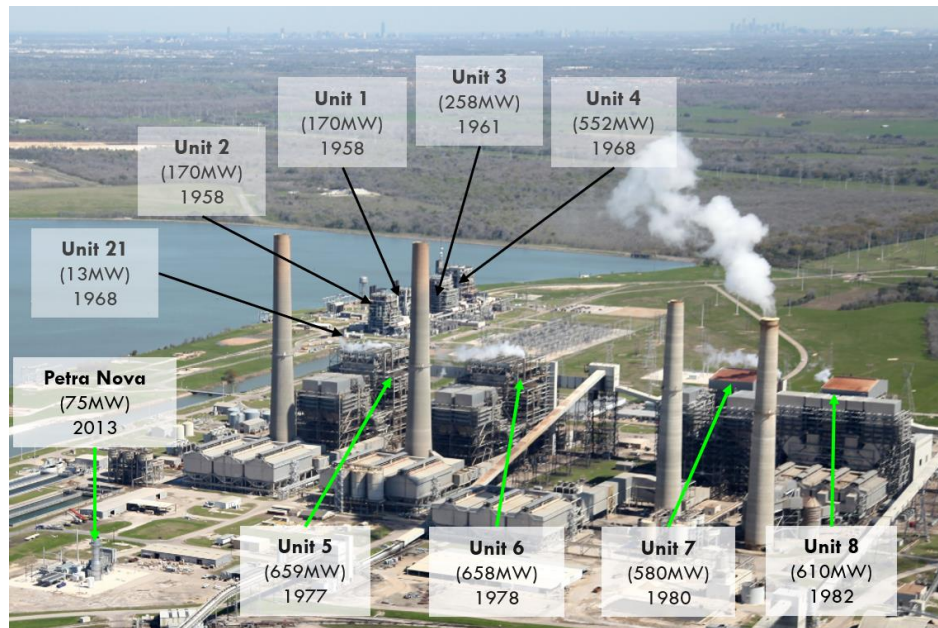
Critical to the Texas Grid

Accounts for 4% of ERCOT power. Built to run whenever Texans need power, no matter the time of day



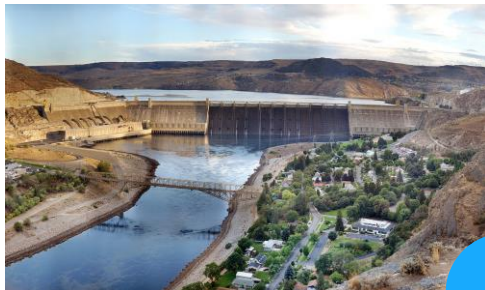
Reliable During Energy Transition

Well controlled coal is necessary as Texas transitions to more intermittent renewable energy sources.



- 4,880 acres
- Site Capacity: 3,745 MW
 - Four coal fired units: 2,507 MW
 - Four gas fired units: 1,238 MW
- 1 MW = 200 homes on a peak summer day
- 750,000 homes served

How Parish Stacks Up Nationally



Grand Coulee Dam
7,080 MW
Washington

1



Palo Verde Nuclear
3,940 MW
Arizona

2



WA Parish
3,745 MW
Texas

3



Martin
3,705 MW
Florida

4



What's New At WA Parish

PLUGGED BACK IN



- Returned to operation August 21, 2023
- Accounts for 15% of WA Parish output
- 600 MW power to Texas
- Repair is faster and lower cost than building new generation
- 750,000 homes served

Workers replaced the Unit 8 generator after the previous one was destroyed by a fire last year.

Head operator Roderick Guyton monitors power output at the W.A. Parish Power Plant.

Unit 8 Restoration





- NRG sold interest to JX Nippon September 2022
- NRG will remain involved as operator of Unit 8 and the carbon capture and cogeneration facilities
- Sale allows NRG to focus on core strengths of providing affordable and increasingly cleaner power to customers.
- NRG continues to decarbonize our power generation fleet and is committed to carbon reduction goals

Winterization: New Regulations in 2022-2023





Fort Bend Seniors Meals on Wheels held its seniors prom on Friday, the first time in three years. **Left:** Prom King and Prom Queen. **Right:** Prom King and Prom Queen. The prom included good food, dancing, and lots of laughter.

Seniors prom is back, Baby!

Annual FBC Meals on Wheels event returns after 3-year hiatus

BY SCOTT REESE WILLEY

Fort Bend Seniors Meals on Wheels was excited to be crowned Fort Bend Seniors Meals on Wheels prom king on Friday.

"We aren't here to have his photo taken by the news media."

"I didn't have the approval was given to be here," he told guests Queen Loretta Vance as they kissed their kisses and made it.

"We're back, baby!" said Rick Branch, Fort Bend Seniors Meals on Wheels operations manager.

"We are so happy to see so many seniors attend the prom once again. We couldn't hold the prom in 2020 because of COVID and we couldn't hold it in 2021 or 2022 because we lost our sponsor."

"We had NRG, which sponsored the event on Wheels picnic last summer, stepped up to sponsor the prom this year."

"We seriously couldn't have done it without NRG ... at least nothing this grand," Branch said.



Senior citizens, volunteers and high school seniors dance to the Macarena during the Fort Bend Seniors Meals on Wheels prom on Friday.

Workers from NRG's Houston corporate office and the WA Parish electric plant worked to help with the event.

"They included Jacqueline Walker and Loretta Vance of Houston, Loretta and Lou Henderson of Houston, Ruth Jones and Linda King of Fort Worth, and Betty and Wilfred Lane of YVCA, Irma Alvarez and Dennis Schellert of Houston, Shirley Hampton and Amy Haddock of Lancaster, Loretta Vance and Loy Powell Jr. of Houston, and Holly Chung and Kristi

Wang of Sierra. Loretta, Councilman High School senior danced with the senior citizens.

"This is the best high school senior class ever to take part in the prom," said Catherine Byrne, an accountant for the Meals on Wheels Program.

"Most times the students stand against the wall and watch but this class is actively dancing with the seniors. They're going out to the tables and asking senior citizens if they want to dance. It's fantastic."

"Loretta senior Patricia Borge said she enjoyed herself. "It's a lot of fun. Everyone seems to be enjoying themselves."

the fort bend STAR Southwest Fort Bend's most in depth local news coverage



Fort Bend ISD, Fort Bend Transformation Church launch program to donate hygiene products to disadvantaged students

In a new collaboration between Fort Bend ISD, Fort Bend Transportation Church and NRG, donated hygiene items donated to students last week at Briargate Elementary to be distributed by teachers to students who may suffer from the stigma of coming from low-income families.



Fort Bend church's community drive helps local kids get the hygiene products they need

By Matt

Fort Bend Transformation Church partnered with NRG WA Parish Power Plant and several elected officials to purchase more than 1,500 hygiene products and toiletries for hundreds of students at Briargate Elementary School last week.



December 2022– Out & about in the Heart of the Bend

Posted on Dec 1, 2022 in HEART OF THE BEND, OUT & ABOUT FT. BEND

NRG WA Parish partnered with Fort Bend Seniors Meals on Wheels in November to serve meals, play games and provide maintenance at their facility. Fort Bend Seniors Meals on Wheels currently serves more than 360,000 meals to 2,200 seniors across the county. NRG Senior Benefits Analyst **Elaina Edmonson** and NRG Commercial Strategy Analyst **Wassef El Hassan**.



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The Future of Power Generation in Texas

Fossil Fuels vs. Renewables



Texas Proposition 7, Creation of a State Energy Fund Amendment





NRG has several shovel-ready projects in development, with the intent to put steel in the ground when regulatory certainty and market conditions allow.



Questions and Answers