

OG&E[®] MUSTANG ENERGY CENTER



- OG&E introduces a smarter energy infrastructure by replacing 1950s era power generating units at the former Mustang Power Plant with new modern natural gas-fired units.
- The new units generate 462 MWs of power and will be capable of starting and putting electricity onto the system in just 10 minutes, compared to 10 to 20 hours for the existing units.
- Replacing the units at Mustang makes sense for our customers.
 - The location has an existing power plant workforce and infrastructure, including connection to nine transmission lines, which ensures that energy can be delivered where it is most critical.
 - The location is near OG&E's largest population center—Oklahoma City metropolitan area – as well as vital facilities such as Tinker AFB, Will Rogers Airport and other important venues.
- The new units further reduce our carbon footprint, enhance grid reliability, and offer a significantly improved ability to respond to energy resources that only work in certain conditions, such as wind and solar.
- As the home to modern, natural gas-fired units and Oklahoma's first universal solar farm, Mustang Energy Center plays an important role in the future of balancing grid reliability and renewable energy sources.
- Mustang Energy Center more than doubles its contribution to the local tax base – from \$1.9M to approximately \$3.6M annually - benefiting local schools and communities.
- The new units are expected to be in service by the end of 2017.

Excerpt from the May 1950 issue of OG&E's company magazine:

In the early morning hours of May 5 when most of us were sound asleep, the employees at OG&E's new Mustang generating station near Oklahoma City, along with operating heads and members of our Generation and Construction departments, were busy on one of the most important operations in the history of our company. At 2:17 a.m. without any fanfare, they waited tensely as the first 56,000 kilowatt generator – nearly twice as large as any other on the OG&E system – was put on the line. The team picked the early morning hour to turn on the generator, because it had to be synchronized perfectly into the OG&E system, and if any unforeseen circumstances were to cause an outage, they wanted it to occur at such time that the smallest possible number of customers would be affected.

But there was no trouble. The first generator at Mustang Station is now in full service, and the people of Oklahoma and Arkansas have an additional 56,000 kilowatts of electricity to serve their needs.



Over the years, OG&E expanded Mustang Power Plant to meet the rising power needs of our customers and our communities. The power capacity grew from 56,000 kilowatts to 432 megawatts by the early 70s.

We're proud to usher in a new era of generation technology at a location that's powering our communities and facilitating a critical role in the region's infrastructure, growth and economic development. Mustang Energy Center is more efficient, sustainable and responsive, while continuing to honor its legacy of providing affordable, reliable power.

