

## Cheatham County Proposed Generation



### More People, More Power

Cheatham County local residents, businesses, farmers and city centers can count on reliable energy because TVA and its local power company partners work every day to keep your electricity flowing.

We also work to ensure that your power is affordable, resilient and environmentally sustainable as we reduce carbon emissions across our sites. At the same time, we must meet the increased demand of a population that is growing three times faster than the national average.

To achieve this, TVA continuously evaluates sites for future use, in accordance with its public-informed Integrated Resource Plan. TVA is undertaking a comprehensive National Environmental (NEPA) review of a 286-acre parcel of land in Cheatham County for possible electricity generation.

TVA is gathering public feedback throughout the NEPA process as we consider options for the site, which include a natural gas facility and a Battery Energy Storage System (BESS).

### Building a Cleaner Energy Future

TVA is transitioning to a cleaner energy system, which requires a holistic approach to planning new electricity generation that is broad and

flexible and considers environmental and economic impacts

The potential natural gas generation and BESS options would require a small footprint of about 75 acres at the site. This option would generate about 900 MW. A community-scale solar facility is not a viable option because of the site's topography and small size.

### Did You Know?

TVA considers light, noise, endangered species architectural history, Environmental Justice and general community concerns among other factors to identify ways to lessen impacts of proposed projects or actions before any decision is made.

TVA's proposed generation facility in Cheatham County would be located on just 75 acres of the 286-acre parcel.

Prior to the operation of a proposed generating facility, TVA works closely with local emergency management agencies to establish the necessary resources to protect the surrounding areas.

## Balancing Reliability and Environmental Stewardship

Natural gas is an integral part of TVA's strategy to add up to 10,000 MW of solar by 2035. It supports the intermittent system needs when renewables are not available because of weather or the time of day.

Some of TVA's assets, such as nuclear power units, run 24/7 to provide baseload power, while others like natural gas plants stay offline until they are needed and can be called upon to supply power at a moment's notice.

Natural gas units quickly meet demand during peak periods during outside extreme temperatures. These units can reach full power in minutes, and reduce the need to purchase higher-priced power from external sources during peak periods.

Natural gas uses the same fuel many people use in their homes for water heaters, stoves, fireplaces and other appliances.

### Location, Location, Location

TVA is evaluating potential generating sites in all the seven states we serve, including the north region that includes parts of Middle Tennessee and Kentucky. Studying these possible sites is necessary for TVA to provide high-quality, stable electricity to the area. Adding electricity generation at the Cheatham County site would add voltage support to Cheatham County and beyond.



Current TVA power generating plants in the North Region

### For More Information

TVA is committed to working with area stakeholders and the public to address concerns throughout the various stages of the review. Part of the review requires certain planning, engineering and permitting reviews as we develop the Draft Environmental Impact Statement. Transmission lines to support the proposed project are also included in the review process. For more information, visit [TVA.com/NEPA](http://TVA.com/NEPA).

The proposed plant would require construction of a new natural gas pipeline lateral, and that review process is under a separate regulatory review by the Federal Energy Regulatory Commission.

For more information on the pipeline review process, contact Tennessee Gas Pipeline by emailing Katherine Hill at [Katherine\\_Hill@Kindermorgan.com](mailto:Katherine_Hill@Kindermorgan.com).