

THE ROLE OF BATTERY STORAGE AND NATURAL GAS PEAKERS

Battery storage and natural gas peakers help keep electricity more reliable and affordable. Battery storage stores energy during low-demand times - when prices are low - and uses it during high-demand times - when energy is more expensive. Natural gas peakers can also quickly supply power during sudden spikes in demand that last longer than batteries' duration, protecting the utility and its customers from reliability gaps and high electric prices.



Utility-scale Battery Storage Farm

- Can reduce reliance on fossil fuels.
- Limited duration only able to store 2-4 hours of energy.
- Starts very quickly to balance short fluctuations in energy supply and demand.



Natural Gas Peaker Units

- Newer units produce less emissions.
- Starts up in minutes to meet demand.
- Ensures power when other generation resources aren't sufficient.
- Operates only when needed limiting emissions and costs.

Better Together



- Batteries used first to minimize emissions.
- Batteries support short-duration needs.



- Peakers support long-duration needs.
- Use peakers as a last resort.
- * Acquiring batteries and natural gas peakers requires the vote of Austin City Council.

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