



# Electric grid st george

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Based on technological advancements and extensive outage data analysis, this Duke Energy work is planned with the goal to strengthen the power grid to help improve reliability and resiliency for our customers.

An easement will not be required from most property owners as most of the work will be conducted on substation property, road right of way or existing easement areas. However, if an easement is required for your project, a Duke Energy representative will contact you.

A road right of way is county property between your property line and the road. It provides legal access for pedestals, poles, power lines, transformers and other utilities. Private cable locate services will be used to avoid disturbing utilities that are already underground such as water, sewer, septic, etc.

For portions of the project, crews may need to access overhead lines and equipment located behind homes and businesses. This work may require access through gates or fences. If your meter base is not compatible with the new line, construction crews may need to install an adapter, or an electrician will contact you to schedule the installation of a new meter base. We will notify property owners in advance if such access is required.

Most of the neighborhood work being conducted involves overhead equipment and should not create impacts to customer property. In areas where underground equipment is being installed, crews will restore the area as close as possible to prework conditions. Additionally, site restoration and improvements will occur as part of the completion of the St. George Island substation project.

In addition, Duke Energy customers in the area can access new tools and options through their smart meter, including hourly and daily usage information, to help better manage energy use and save money.

“Orange is an indication that we were expecting exceptionally high temperatures and a really high load on our overall system,” explained Rene Fleming, manager of the St. George Emergency Services Department.

The city is asking people to avoid using major household appliances like ovens, dishwashers, and washers and dryers between the peak hours of 3 p.m. to 7:00 p.m. They also encourage keeping south and west facing blinds close, and the thermostat at 78 degrees.

“We’ve been a public power utility since 1942, and we’ve learned from experience that when we have temperatures high like this, higher than we’ve had in a few years, we can really expect a large demand on our electric system, so we’re just trying to be proactive,” Fleming said.



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"We were at Quail Creek on Friday playing in the lake, today, we brought kids and grandkids to play in the water here and keep cool," she said. "They'll spend hours here, and when it's time to go, it's hard to get them out of the water and into the car."

Fleming said with the help of St. George residents and visitors during these excessive heat days, the city can manage the strain on the power grid without outages or interruptions to services. She hopes that residents will see the benefits of reducing energy use.

Temperatures in southern Utah could hit 114 degrees Wednesday and are forecasted to stay that high through Saturday. The city has declared it an "orange" alert day -- noting that peak hours are the highest demand on the city power system.

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