

# Aurora A New Way of Living.

indoor air quality



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## WHAT IS GEOTHERMAL LIVING?

- Geothermal heat pumps provide the following
- \* Green sustainable energy which is naturally replenished with unlimited capacity
- \* Reduces energy consumption by 30-70% which is up to 1/6 of electricity used by conventional HVAC systems
- \* No unsightly/noisy outdoor units which provides more peaceful and aesthetically pleasing landscape around home Aurora geothermal heat pumps are equipped with Desuperheater technology (waster heat recovery). This allows the domestic water to be pre-heated and stored in a holding tank to offset water heating requirements and therefore saving additional energy
- \* Geothermal heat pumps provide no carbon monoxide off gases for better and safer indoor environments
- \* MERV8 media filters are included for a more enhanced
- \* SMART, ergonomic and aesthetically pleasing thermostat controls capable of controlling from any computer, smart phone or tablet. Also capable of setting schedules for additional cost savings







CONDOS • SINGLE FAMILY • TOWNHOMES

# Aurora Homes

Helios 3 Br x3 Ba | Selene 3 Br x 3 Ba | Artemis 2 Br x 2 Ba Available Now From \$1 Million+

### **BUILT DIFFERENTLY:**

Trilith's most efficient homes designed to date. Exterior 2x6 framed walls fully filled with spray foam insulation along with an enhanced insulated Zip sheathing offers a superior building envelope that will offer energy savings throughout the year. Ample natural light, with large energy-star windows and doors are found throughout keeping with the energy capture in all seasons. Aurora is allelectric, further eliminating any carbon emission or air pollutants from the home and allowing for more efficient energy usage. Aurora's homes are scheduled to be carbon-neutral.

### **ENERGY EFFICIENT UTILITIES:**

Each home will be equipped with Energy Star appliances. These appliances help you save energy and costs on your utility bill without sacrificing performance. By using less energy, these products also help reduce greenhouse gas emissions and your carbon footprint. The Energy Star dishwasher will use less than half of the energy used when washing dishes by hand and it saves more than 8,000 gallons of water each year according to the Department of Energy.



#### **GEOTHERMAL:**

Geothermal energy is used to heat and cool your home and is recognized by the United States Environmental Protection Agency as the most environmentally friendly, cost effective and energy efficient heating and cooling technology available. Utilizing the clean, renewable energy stored in the ground, your geothermal heat pump uses a series of underground pipes to exchange heat with the earth instead of outdoor air. This process dramatically reduces energy usage, saves money on bills, and allows you to enjoy a more even, consistent comfort within your home.

#### **SOLAR & BATTERY SYSTEM:**

A solar panel system and coinciding battery pack will help power your home while providing you with clean energy, lower utility bills, all while being environmentally responsible. Each Aurora home will come with a Sol-Ark Powerwall battery system that will connect directly from the home to the solar array system on the parking canopy. The Powerwall battery provides a smart, efficient, and reliable power solution that will save on daily energy cost. Manageable by your smart phone or computer your home and your utilities can be controlled by the click of a button. Each home will take advantage of on-site emission free, renewable energy produced from the solar canopy. The battery in the home can store this emission free, renewable energy from both the electrical grid and the solar array system. The stored energy can be used for things such as:

- Power electric loads at night when the solar array stops producing energy.

- Use during times of peak energy usage generated from carbon resources.

- Powering your electric vehicle.

- Backup energy during times of power outages.

The solar canopy/battery system can allow homeowners to use less energy during times of peak energy demand and take advantage of Coweta-Fayette EMC's Time of Use electric service rate which offers less expensive energy costs during off-peak times. This energy can then be used directly by the user at any time. It can be customized to your preferences, and you can view your usage and storage via the phone app. Each home's roof is flat to house optional solar panels in addition to the parking structure solar array. These green-built homes can save homeowners more than 70% in energy costs every month compared to similar homes in Atlanta.

### PARKING & CHARGING STATIONS:

All homes will be equipped with Charging stations at their designated parking. Additionally, we are partnering with Coweta-Fayette EMC to ensure guest parking has charging stations available.

> Battery Powered | Solar Energy | Geothermal Sustainable | Energy Star Appliances



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