



GENERATING POWER

FOR GEORGIA'S EMCs



WHO WE ARE

With more than \$15 billion in assets, we're among the nation's largest power supply cooperatives and one of the primary energy producers in Georgia, generating power for 38 Electric Membership Corporations (EMCs) and the approximate 4.4 million people they serve.

A proponent of conscientious energy development and use, we balance reliable and affordable energy with environmental responsibility, and we have an outstanding record of regulatory compliance. Our diverse energy portfolio includes natural gas, nuclear, hydroelectric and coal generating plants, as well as purchased power, with a combined capacity, including the Smarr EMC-owned units, of more than 8,360 megawatts. Oglethorpe Power is owned by our 38 Member EMCs.

POWER USE

Since the formation of Oglethorpe Power Corporation, the EMCs have experienced continuous growth in their need for power. In 1975, they had a combined peak demand for power of 1,361 megawatts. By the summer of 2019, that number had swelled to an all-time system peak demand of 9,477 megawatts.

In terms of energy used in 2021, the EMCs required 39,701,458 megawatt hours of electric energy. Of the total, we supplied 24,727,600 megawatt hours, or about 62 percent. The EMCs continue to secure the remainder of their power needs from other power providers.



ENVIRONMENTAL COMMITMENT

We work hard to ensure all of our power generation facilities are in compliance with state, federal, and local laws and regulations. These laws and regulations impact air and water, and are in place to protect our health and the environment. This is deeply important to us as an energy producer for much of Georgia.

RENEWABLE ENERGY

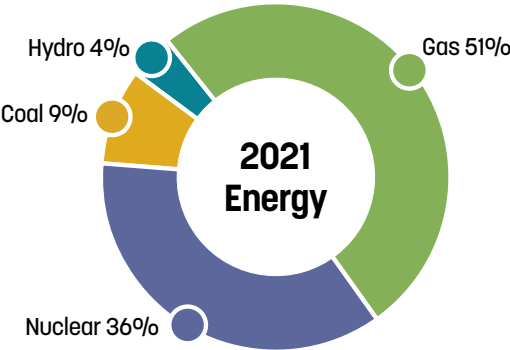
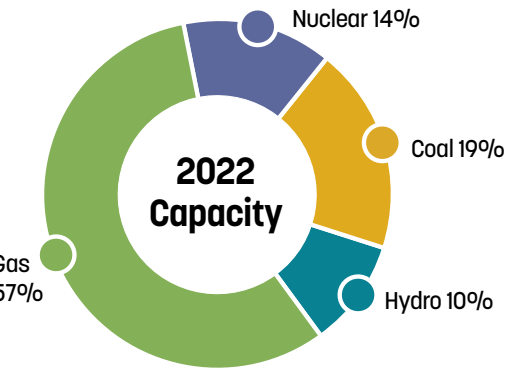
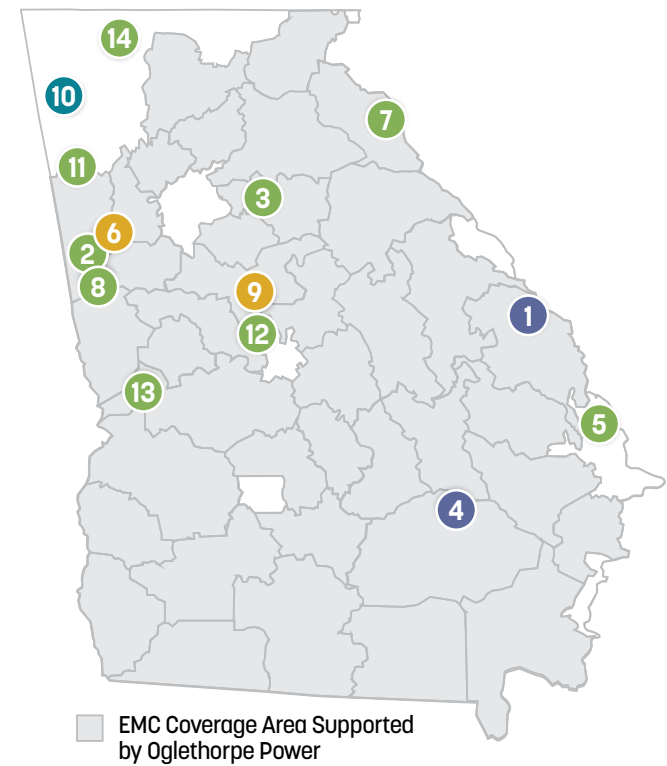
Our Member EMCs have made significant investments in renewable energy, either directly or through their membership in Green Power EMC, and have a total capacity of more than 1,000 megawatts in solar and other renewable resources. Green Power EMC is a related renewable energy company owned by its Members, to which Oglethorpe Power provides management and various contractual services.

PORTFOLIO DIVERSITY

We rely on a large fleet of generating units to help meet the power needs of our Member EMCs. Currently, we own interests in 37 generating units, including 4,774 megawatts of gas-fired capacity, 1,216 megawatts of nuclear-fueled capacity, 817 megawatts of pumped-storage hydroelectric capacity and 1,553 megawatts of coal-fired capacity. In addition, we operate two combustion turbine facilities on

behalf of Smarr EMC, a corporation formed for the EMCs that owns the two facilities. The two plants — Smarr Energy Facility and Sewell Creek Energy Facility — have an aggregate capacity of approximately 733 megawatts. The total capacity of Oglethorpe Power’s diverse portfolio of resources is more than 8,360 megawatts.*

*Total Indicative Summer 2022 Planning Reserve Capacity



Alvin W. Vogtle Nuclear Plant
Location: Burke County
Type: Nuclear
Units: Two (Units 3 and 4 under construction)
Total MW: 2,297; OPC: 689
Oglethorpe Power Ownership: 30%
Operator: Southern Nuclear Operating Company

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Chattahoochee Energy Facility
Location: Heard County
Type: Gas-fired combined-cycle
Units: One
Total MW: 466
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Doyle Energy Facility
Location: Walton County
Type: Gas-fired combustion turbine
Units: Five
Total MW: 283
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Edwin I. Hatch Nuclear Plant
Location: Appling County
Type: Nuclear
Units: Two
Total MW: 1,755; OPC: 527
Oglethorpe Power Ownership: 30%
Operator: Southern Nuclear Operating Company

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Effingham Energy Facility
Location: Effingham County
Type: Gas-fired combined-cycle
Units: One
Total MW: 500
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Hal B. Wansley Coal-fired Plant
Location: Heard County
Type: Coal-fired
Units: Two
Total MW: 1,744; OPC: 523
Oglethorpe Power Ownership: 30%
Operator: Georgia Power Company

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Hartwell Energy Facility
Location: Hart County
Type: Gas-fired combustion turbine
Units: Two
Total MW: 306
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Hawk Road Energy Facility
Location: Heard County
Type: Gas-fired combustion turbine
Units: Three
Total MW: 487
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Robert W. Scherer Coal-fired Plant
Location: Monroe County
Type: Coal-fired
Units: Four
Total MW: 1,717 (Units 1 and 2 only); OPC: 1,030
Oglethorpe Power Ownership: 60% of Units 1 and 2
Operator: Georgia Power Company

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Rocky Mountain Pumped-storage Hydroelectric Plant
Location: Floyd County
Type: Hydroelectric
Units: Three
Total MW: 1,095; OPC: 817
Oglethorpe Power Ownership: 74.6%
Operator: Oglethorpe Power

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Sewell Creek Energy Facility
Location: Polk County
Type: Gas-fired combustion turbine
Units: Four
Total MW: 507
Ownership: Smarr EMC
Operator: Oglethorpe Power

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Smarr Energy Facility
Location: Monroe County
Type: Gas-fired combustion turbine
Units: Two
Total MW: 226
Ownership: Smarr EMC
Operator: Oglethorpe Power

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Talbot Energy Facility
Location: Talbot County
Type: Gas-fired combustion turbine
Units: Six
Total MW: 682
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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Thomas A. Smith Energy Facility
Location: Murray County
Type: Gas-fired combined-cycle
Units: Two
Total MW: 1,317
Oglethorpe Power Ownership: 100%
Operator: Oglethorpe Power

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MISSION

To serve our Member EMCs with excellence and integrity, with a cost conscious mindset,
to maintain open and frequent communications with those Members to build and maintain trust,
to be good stewards of their investment in energy assets by providing environmentally responsible, safe, reliable and affordable electricity, and
to work collaboratively to seek and cultivate innovative energy solutions in the rapidly evolving energy landscape which add value to our Member EMCs.

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