

Our Wholesale Power Supplier



Seminole Electric Cooperative, headquartered in Tampa, is your Cooperative's wholesale power supplier and our partner in ensuring a reliable, affordable supply of power to meet your needs. Seminole is the second largest generation and transmission co-op (G&T) in the United States in terms of cost-based revenues, and one of the largest co-ops in the U.S. in terms of total Members' meter connections and energy demand.

Seminole is owned by 10 electric distribution cooperatives that serve member-owners from the Georgia border, west into the Panhandle, and south to the Everglades, in 46 of Florida's 67 counties. Its 10 Members provide electricity to more than 1.6 million individuals and businesses across the state through nearly 890,000 meters.

Seminole is governed by a 30 member Board of Trustees. Its Board consists of two voting trustees and one alternate from each Member system, including your Co-op. Seminole is responsible to its Members and committed to its mission: To be its Members' preferred provider of wholesale energy services.

Seminole deals with bulk power supply issues at the wholesale level to help us meet your power needs

Seminole operates power plants and negotiates short- and long-term contracts with other energy producers and marketers at the wholesale level. Seminole also owns and maintains transmission lines that connect Seminole's system to Florida's bulk electrical transmission system (the Florida Grid). Seminole represents its Members' interests on wholesale matters that come before the Florida Public Service Commission and the Federal Energy Regulatory Commission. It also represents its Members in bulk power supply issues that come before the North American Electric Reliability Council (NERC) and its Florida affiliate, the Florida Reliability Coordinating Council (FRCC).

Seminole's job is to make sure that a reliable supply of electricity is delivered to your cooperative to meet your power needs. It works with your Cooperative to forecast electricity demand on a short- and long-term basis, so power production facilities can be built, or purchased power contracted, to ensure adequate power will be available at the lowest possible wholesale cost. Seminole's power supply strategy is to maintain a diverse mix of resources, including a diverse fuel mix. Supply diversity minimizes the potential impacts of those factors that affect both the availability and the cost of our wholesale power.



Seminole is committed to environmental stewardship

Seminole's policies commit it to being a good neighbor and a good citizen. It is a voluntary participant in the federal Climate Accord and annually reports its efforts to reduce greenhouse gas emissions. It also recycles power plant wastes to minimize landfill requirements, and recycling revenues help reduce net energy costs. For example, Seminole's synthetic gypsum production recycles more than a half million tons of emissions control by-product into a marketable raw material being sold to a wallboard manufacturer. Seminole's power supply portfolio also includes renewable energy resources. Renewables meet about 4% of your energy needs.

Seminole believes in improving the quality of life in its communities

Seminole encourages employee volunteerism through team programs and annual charity projects at its business locations. It supports such programs as Local United Ways, and Newspapers in Education, and sponsors science fair awards and college scholarships. It also provides volunteers and financial support for local non profit organizations.

Seminole's Resources

Seminole Generating Station

- Located in northeast Florida in Putnam County, about 60 miles south of Jacksonville
- Two 650 megawatt (MW) generating Units (Units 1 and 2) put into commercial service in 1984
- Advanced air and water environmental control systems
- Powered by coal, delivered by rail, purchased primarily from mines in southern Illinois and western Kentucky. Units 1 and 2 are permitted to burn a blend of coal and up to 30% petroleum coke, a byproduct of the oil refining industry
- Full compliance with emissions permits and other applicable regulations
- Unit 3 planned to go into service in 2012 (750 MW)
- Emission control by-products (500,000+ tons/year) are converted to synthetic gypsum and sold to Lafarge Corp. for local wallboard production under a long term contract
- Other by-products are recovered and marketed to additionally offset net energy costs
- Professional and skilled workforce (approximately 280 employees)
- Extensive community involvement

Richard J. Midulla Generating Station

- A 500 megawatt (MW) combined cycle generating facility put into commercial service in 2002
- Intermediate capacity to meet member needs during high demand periods
- An additional 310 MW of aeroderivative gas turbines (peaking units) went into service in December 2006
- Located in Hardee County, south of Lakeland, northwest of Wauchula
- Powered by natural gas; The Midulla Station is served by Florida Gas Transmission and Gulfstream Natural Gas System

Crystal River 3 Nuclear Plant

Seminole owns a 14 megawatt share of Progress Energy Florida's Crystal River 3 nuclear plant

Contract Resources

Seminole has contracts and interchange agreements with more than 50 utilities, independent power producers, and power marketers. Its goal is to maintain a varied portfolio of resources in terms of fuel and geographic diversity, with staggered contract periods, to maximize supply flexibility while ensuring a reliable supply of power to meet demand. Seminole works with a power marketing group to both purchase and market energy. Its contract resources include renewable energy from landfill gas, wood waste, and municipal waste-to-energy resources.

Seminole's Transmission System

Seminole owns and operates 73 miles of double circuit and 137 miles of single circuit 230 kV transmission lines tied directly to Progress Energy Florida, Florida Power and Light, and JEA in six locations. Seminole also owns 140 miles of 69 kV transmission lines operated by its ten member systems.

Not for Profit Means Your Co-op Only Benefits You

Seminole is a not for profit Cooperative, just like your distribution system. It was established in 1948 to aggregate the wholesale power needs of its Members, so the Member distribution systems could take advantage of economies of scale to reduce our costs. Seminole provides wholesale power at cost, to its Members.

Plant fuel costs are the major driver of wholesale power rates. Seminole uses fuel hedging and other techniques to hold down the cost of generating fuels. Other costs that are covered in Seminole's wholesale rate include costs for regulatory compliance, interest costs, and staff salaries and benefits. Seminole works to maintain a competitive wholesale rate to help its Members hold down the cost of retail service to their member-owners.

Seminole is required to retain a small margin of revenues by its primary mortgage holder, the Rural Utilities Service (RUS). Excess funds are returned to Members as capital credits under a plan defined by Seminole's Board of Trustees. Capital credit refunds effectively reduce our wholesale energy costs. More than \$18 million in capital credits has been returned to the Members since 1987 (as of year end 2006).



Membership Map

