

**MANAGING DIRECTOR, PLANT OPERATIONS
ASSOCIATED ELECTRIC COOPERATIVE INC. (AECI)
SPRINGFIELD, MISSOURI**

PROFILE

The Managing Director, Plant Operations (Managing Director), reports directly to the Senior Vice President & Chief Operations Officer. The Managing Director supervises a total of around 450 employees with 291 personnel represented. Direct reports to the Managing Director include two Senior Plant Managers overseeing New Madrid and Thomas Hill power plants and a Manager, Gas Plant Operations, that directs two regional Supervisors of Gas Plant Operations and a team of gas-fired plant Specialists, Engineers, and O&M Coordinators.

CONDITIONS AND REQUIREMENTS

The Managing Director is responsible for the management and coordination of all coal and gas plant operation activities. The primary responsibility of the Managing Director is to ensure the safe, reliable, and cost effective operation of the organization's power generating assets. He or she will assure that all generating facilities are in-compliance with all applicable regulations and that facilities meet or exceed all applicable industry standards. Responsibilities include budgeting, control of expenses, process improvement, and management of plant staff and contractors. The Managing Director will also have periodic interaction with the Executive Team and the Board of Directors on strategic and power production matters.

As significant challenges continue to face this high performing team, a significant desire exists to attract an excellent leader with a combination of gas-fired and coal-fired generating plant operations experience and the leadership and management skill to usher the generating fleet into a new era. The next Managing Director should expect to maintain the high level of performance that AECI's member-owners expect and appreciate. While AECI will continue to have a strong reliance on its large coal facilities into the future, evidenced by planned capital infusion over upcoming years, fuel prices and market conditions are motivating the organization to utilize gas-fired facilities in a manner that is causing cultural and technical shifts for the entire cooperative.



Candidates should offer exemplary leadership and communication skills in a generation environment and a sense of urgency and proven experience with generation operations, process improvement techniques, and performance analysis of gas and coal generating facilities. Candidates should naturally expect to be immediately capable to lead continuous improvement efforts across the fleet in safety, reliability, and availability. Recent programs receiving a high level of attention from leadership include training, thermal performance improvement and heat rate, addressing increasing ramp rates, turndowns, and generally gaining efficiencies without increasing operations and maintenance costs. The Managing Director will also be a partner with peer-level personnel in the ongoing evolution of reliability centered maintenance activity and development of a remote-monitoring Maintenance & Development Center with consultants. He or she will be responsible for significant coordination with peer departments such as energy marketing, system operations, and generation engineering.

Experience in a union environment is strongly desired. Experience with low-sulfur or Powder River Basin coal fuel and related generating equipment is also desired. Experience with a fleet of generators adjusting to increasing diversity that includes significant renewable generation additions is also desired.

The Managing Director will offer proven experience balancing a high number of projects simultaneously with overlapping priorities and resource requirements. Proven experience with such responsibilities is required.

AECI owns but does not operate its large gas-fired facilities. The Managing Director will hold ultimate responsibility for contract management and the effectiveness of vendors operating the plants. The Chouteau Power Plant and the St. Francis Power Plant are operated by Siemens. Ethos Energy operates the Dell Power Plant. Experience managing third-party generation operators is desired.

It is anticipated that the Managing Director will travel in-state approximately up to 30% of his or her time in future years. A company vehicle is provided.

A bachelor's degree is required and a master's degree is preferred. Engineering is preferred as an undergraduate education.

FLEET DETAILS (2017)

Associated Electric Cooperative

Coal-based fleet
New Madrid Power Plant – New Madrid, Mo.
 Unit 1 – 1972, Unit 2 – 1977
 Brown-Boveri turbines, 600 MW each
 Coal burn rate 7,150 tons/day per unit

Thomas Hill Energy Center – Clifton Hill, Mo.
 Unit 1 – 1966
 General Electric turbine, 180 MW
 Coal burn rate 2,340 tons/day
 Unit 2 – 1969
 Westinghouse turbine, 303 MW
 Coal burn rate 3,785 tons/day
 Unit 3 – 1982
 Westinghouse turbine, 670 MW
 Coal burn rate 8,480 tons/day

Combined-cycle gas fleet
Chouteau Power Plant – Pryor, Okla.
 Chouteau 1 – 2000, two Siemens combined-cycle, gas-based units, 176 MW each; one steam turbine, 170 MW
 Chouteau 2 – 2011, two Siemens combined-cycle, gas-based units, 176 MW each; one steam turbine, 188 MW
 Plant operated by Siemens.

Dell Power Plant – Dell, Ark.
 Units 1 and 2 – 2007, dual-fuel (gas and oil)
 Two General Electric combined-cycle, gas-based units, 170 MW each; one steam turbine, 240 MW
 Plant operated by EthosEnergy.

St. Francis Power Plant – Glennonville, Mo.
 Unit 1 – 1999, Siemens combined-cycle, gas-based unit, 176 MW; one steam turbine, 69 MW
 Unit 2 – 2001, Siemens combined-cycle, gas-based unit, 176 MW; one steam turbine, 80 MW
 Plant operated by Siemens.

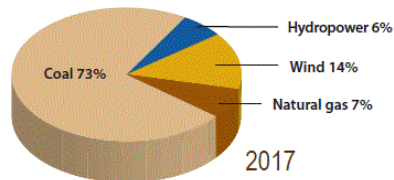
Simple-cycle gas fleet
Essex Power Plant – Idalia, Mo.
 Unit 1 – 1999
 Siemens simple-cycle, gas-based unit, 107 MW

Holden Power Plant – Holden, Mo.
 Units 1, 2 and 3 – 2002
 Siemens simple-cycle, dual-fuel (gas and oil) units, 107 MW each

Nodaway Power Plant – Maryville, Mo.
 Units 1 and 2 – 1999
 Siemens simple-cycle, gas-based units, 91 MW each

Unionville Power Plant – Unionville, Mo.
 Units 1 and 2, 22.5 MW each, 1977
 General Electric, simple-cycle oil units
 (Units put in layup status in 2014.)

Diverse resources meet member load
 Associated's resources include fuels, renewable hydro-power and wind energy, complemented by its Take Control & Save energy efficiency program.



2017

Associated Electric sells and does not retain or retire all of the environmental attributes of energy generated by 750 megawatts of contracted wind facilities. This brings in revenue that helps keep members' electricity affordable.

Historic Accomplishments in our coal fleet:

- 2017 – New Madrid - Listed in the "Coal Top 20 Ranking by Heat Rate" as achieving an all-time best heat rate of 9,782 Btu/kWh.
- 2012 – AECI received Industry Best Practice by Electric Power Research Institute Plant Reliability Interest Group for its inventory naming convention developed through its reliability-centered maintenance program.
- 2001 - AECI employees received Electric Power Research Institute's 2000 Technology Transfer Awards for their leadership in effectively applying EPRI products to benefit AECI and its members. Specifically, employees were recognized for safety, installation and operations related to selective catalytic reduction equipment to reduce nitrogen oxides emissions.
- 2000 - New Madrid was inducted into The Powerplant Hall of Fame, a recognition program that spotlights power plants that use technology and practices to optimize competitive performance, energy efficiency and environmental protection.

- 2000 - AECI was awarded the international "Project of the Year" for its installation of selective catalytic reduction equipment on Unit 2 at New Madrid Power Plant. The award recognized the cooperative as a leader in the industry for installing new technology to reduce emissions. Unit 2 was the first coal-based application in the world operating with 93 percent removal of nitrogen oxides with SCR equipment, according to editors of "Power" magazine, who presented the award.
- 1996 - AECI's "ambitious conversion" to low-sulfur coal earned its New Madrid and Thomas Hill power plants a "1996 Power Plant Award" from "Power" magazine. The national award recognized Associated Electric's successful conversion for environmental compliance and competitive positioning and its continuing efforts to better use low-sulfur coal as an example of "leadership in the application of fresh ideas, advanced technologies and equipment designs."



ASSOCIATED ELECTRIC COOPERATIVE

AECI and its member systems are tied together in a unique, three-tiered system of generation, transmission, and distribution cooperatives. Each tier is committed to the others through all-requirements wholesale contracts. AECI's Chief Executive Officer reports to 12 board members, elected to serve and represent six generation and transmission cooperatives actively engaged and involved in developing the cooperative's direction. The system's top tier is comprised of 51 distribution cooperatives in Missouri, southern Iowa, and northeast Oklahoma. At the second level of the system are the G&T cooperatives that transmit AECI power to the 51 distribution cooperatives. The G&Ts serve six geographical areas in the three aforementioned states. This third tier, AECI, formed in 1961. AECI now holds all responsibility for generation and power procurement, leaving transmission as the primary responsibility of the G&Ts.

In order to provide for the system's ever-growing demand for wholesale electricity, AECI has built a flexible mix of resources, including thermal generation facilities, hydropower access and interconnections with neighboring utilities. In addition to its generation and power purchasing responsibilities, AECI also provides its member systems with economical services related to such business needs as insurance, marketing, economic development, environmental protection and labor relations.

The financial success of AECI is a reflection of the success experienced by the three-tiered system. AECI has wholesale electric rates that are among the lowest in the United States. AECI continues to be one of the few wholesale power suppliers rated AA by Standard & Poor's and Fitch Ratings Ltd. and A1 by Moody's Investors Service.

AECI's 2,351 MW coal-based units are the foundation for providing low-cost energy to member systems. AECI's owned and contracted coal-based resources make up about 50% of capacity, yet they produce about 80% of AECI's energy. These units have been generating at sustained levels since they converted to burn low-sulfur PRB coal in 1994.

AECI's 2,258 MW gas-based resources, constructed from 1999 to 2007, provide intermediate and peaking power that enables the cooperative to meet members' growing demand for electricity during higher-use periods. AECI's combined-cycle units, which use heat from the exhaust of the gas turbines to produce steam for additional energy generation, are among the nation's most efficient units with very low emissions.

Company Web Site: <https://www.aeci.org/>

AECI's Resources: <https://www.aeci.org/resources/>

Financial Data: <https://www.aeci.org/about-associated-electric-cooperative/financials-annual-report/>

SPRINGFIELD, MISSOURI

As the pulse of the Ozarks, Springfield, Missouri is rooted in the celebration of family, friends and life's genuine moments. A regional hub with large city amenities and small town hospitality, our commitment is towards creating moments that make life big and full. With intriguing [attractions](#), a diverse [culinary scene](#), unique [shopping](#) and an ode to classic Americana heritage, Springfield is a destination you will enjoy while feeling right at home. (from www.springfieldmo.org)

Springfield is only 30 minutes from Branson, Missouri, is the home of the Bass Pro flagship store, and is a giant playground for outdoor activities. Springfield has been identified as a Top 40 City for Quality of Life and a Top 10 City with Lowest Cost of Living. In addition, there are two nationally recognized Top 100 integrated health systems in town.

[Wikipedia Page](#)

[City of Springfield Community Page](#)

[City-Data.com Page](#)

[LiveInSpringfield.com Page](#)

BENEFITS & RELOCATION

AECI employees enjoy excellent benefits, including company-paid health insurance and dental premiums for employees beginning on an employee's first day of employment, 401(k) plan with generous company match, PTO accrued monthly with 40 hours provided on first day of employment, educational assistance, wellness incentives, and paid short-term and long-term disability benefits. The Managing Director position also qualifies for a company car as approximately 30% travel to generating facilities and, as well as other business-related travel, is required.

New Employee Relocation Benefits:

- New employees will receive a lump sum payment of \$20,000 gross, upon his/her first day of employment to assist with relocation expenses.
- This payment is intended to be the sole compensation to the employee for relocation expenses, and no additional expenses shall be charged to Associated.
- Employees will be responsible for all withholding taxes and correlating amounts will be deducted from lump sum payments.
- To receive payment, the employee will execute the AECI relocation reimbursement agreement.

CONTACT INFORMATION (Resumes preferred in Adobe PDF format)

Pat Prouse, Senior Recruiter
Mycoff, Fry & Prouse LLC – (800) 525-9082
pprouse@mfpllc.us
www.mfpllc.us

Scott Fry, Managing Director
Mycoff, Fry & Prouse LLC – (800) 525-9082
sfry@mfpllc.us