



UND School of Engineering and Mines

ACADEMY

Andrew L. Freeman



Born: March 10, 1909, Upham North Dakota

Education: UND BSEE

Career Experience

1938-41 Superintendent, Nodak Rural Electric Co-op

1941-82 General Manager, MINNKOTA Power Cooperative

Accomplishments

Brought 11,500 kW Grand Forks Plant online in 1951

Increased Minnkota membership to 12 co-ops in 1956

Brought 234,550 kW Young Station online in 1970

Added second unit of 438,626 kW to Young Station in 1977

Minnkota has 30% share of 410,000 kW Coyote Station in 1981

Diversified Minnkota's activities to include alcohol production, dual fuel heating systems, electric vehicles, and methanol production

Invented the head bolt heater, patented in 1947

Guided Minnkota for 42 years as General Manager and took the company from a handful of rural cooperatives to a company with 12 electrical distribution co-ops, 12 municipal utilities, a generation and transmission cooperative and power agency.

Awards

1964 ND Inventor of the Year Award

1973 Greater North Dakotan Award

1981 Electric Industry's Man of the Year

1982 Sioux Award from UND

1991 Honorary Degree from UND

