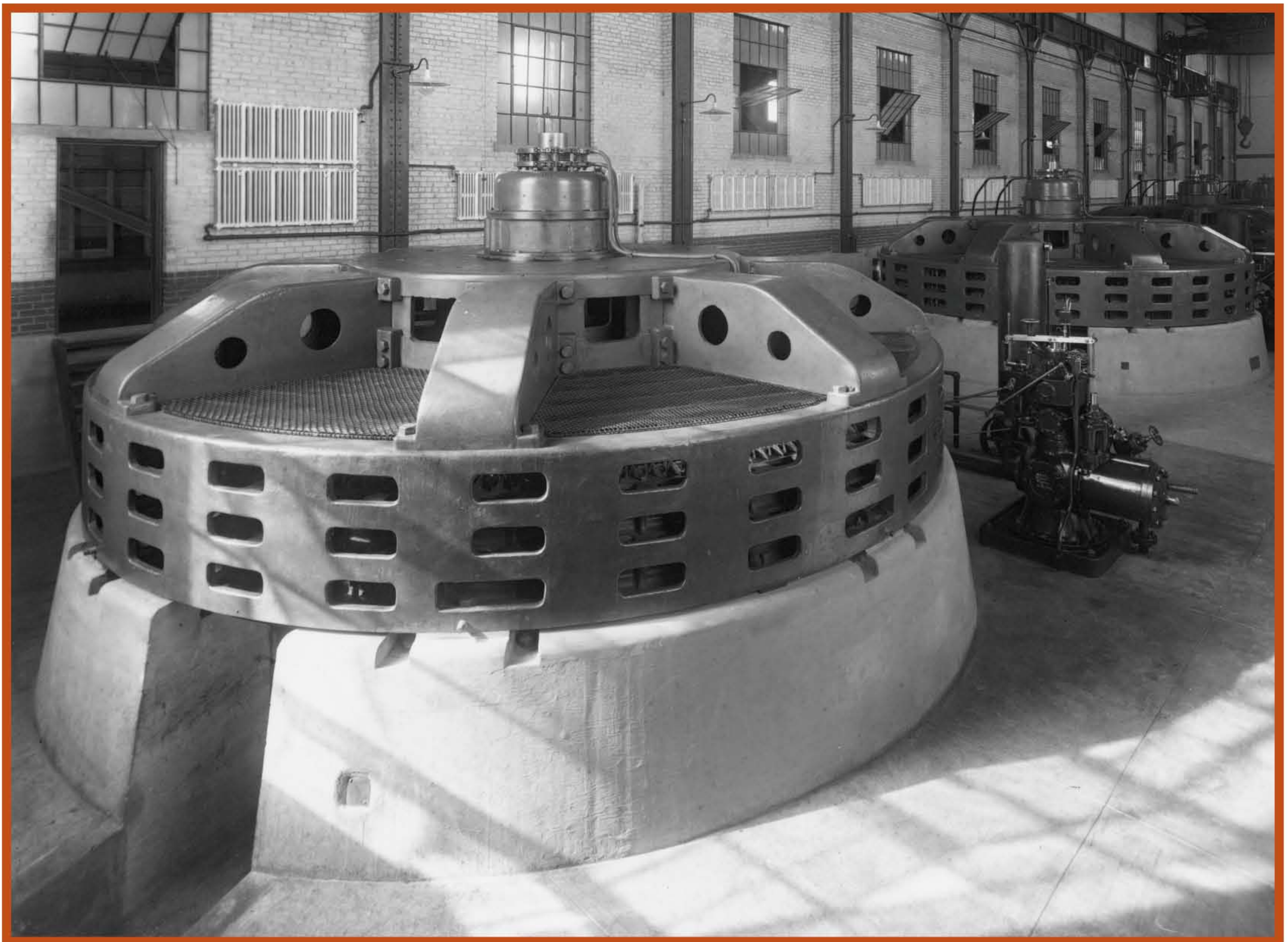


Generating Electricity

Changing Kinetic Energy into Electrical Energy!

You can make electricity using an electrical generator. An electrical generator is a machine that changes the energy of motion into electrical energy using magnets and coils of wire. There are many different designs for electrical generators. In generators, either the magnet or the wire coil must move to produce a change in the magnetic field affecting the wire. This change produces electrical current. Power plants rely on this principle to make electricity for our homes, schools, and businesses.



Electrical generator powered by falling water, similar to ones still in use today, Coon Creek, MN, 1915