

# Hunter Plant



**PACIFICORP**

Rocky Mountain Power  
Pacific Power  
PacifiCorp Energy



**Hunter Plant is named for E. Allan Hunter, a former president of Utah Power & Light Co., now Rocky Mountain Power. We commissioned Unit 1 in 1978 on a 1,000-acre site near Castle Dale, Utah, and added two more units during the following five years.**

Generating capability is 1,320 megawatts. We operate the plant and own 1,132 MW of that output, with the remainder going to co-owners Deseret Generation & Transmission Cooperative, Utah Associated Municipal Power Systems and Provo City.

We equipped Unit 3 with a cloth filter bag house to control particulate emissions. All three units are equipped with wet lime scrubbers to control sulfur-dioxide emissions. Modifications have been added during the years to reduce emissions and increase operating efficiency.

Hunter burns 4.5 million tons of sub-bituminous coal per year supplied from Deer Creek Mine, which we own and operate, as well as from Sufco, Westridge and Dug Out mines for blending a fuel best suited to the units.

That coal is burned by a boiler 20 stories tall to produce steam that is 2,400 pounds of pressure per square inch at 1,000 degrees Fahrenheit. Pipes carry that steam to the turbine to turn its blades, which engage the generator to produce electricity.

The spent steam is sent to the condenser, where cool water tubes transform the steam back into water. That water is returned to the boiler to again be heated into steam to repeat the cycle. Excess heat is sent to large cooling towers where the heat is transferred to the atmosphere, creating white plumes often seen rising above the plant.

Water for plant operations is conveyed to the plant by a pipeline from Cottonwood Creek, which is fed by Joe's Valley Reservoir and through a pipeline directly from Millsite Reservoir.

Power generated by Hunter Plant begins its journey to our customers via high-voltage transmission lines to substations in central Utah.

*PacifiCorp is one of the lowest-cost electricity producers in the United States, providing approximately 1.7 million customers in the West with reliable, efficient energy. PacifiCorp operates as Rocky Mountain Power in Utah, Wyoming and Idaho, and as Pacific Power in Oregon, Washington and California. PacifiCorp's electric generation, commercial and energy trading, and mining functions are operated as PacifiCorp Energy.*

*We are serious about our commitment to the communities in which we do business. So are our 223 Hunter employees. They are active in their communities and – as a group – contribute to the health of those communities through local initiatives and through our Community Giving Campaign, which includes the United Way and other human services organizations.*