

generation assets

Baseload Facilities



Cardinal Power Plant | Coal-fired power plant
Brilliant, Ohio | 1,230 MW capacity



Ohio Valley Electric Corporation
Clifty Creek Station, Madison, Indiana
Kyger Creek Station, Cheshire, Ohio
Coal-fired power plants | 434 MW combined capacity

Peaking Facilities

Buckeye Power has two natural gas-fueled peaking facilities to ensure power reliability for Ohio cooperative members during peak demand times—the hottest and coldest days of the year, as well as occurrences of transmission constraints.



Robert P. Mone Plant
Convoy, Ohio | 510 MW capacity



Greenville Generating Station
Greenville, Ohio | 200 MW capacity

Growing Renewable Capacity



OurSolar
Up to 4.76 MW of solar energy output from 24 arrays across Ohio. The newest, and largest array, OurSolar2, went live in July 2022, with nearly 8,000 new panels, generating 2.66 MW of solar power generation.

Bridgewater Dairy, Williams County
Up to 1.2 MW from methane gas produced by cow manure

Wenning Poultry, Mercer County
Up to 1.8 MW from methane gas produced by hen manure

Hancock County Landfill
Up to 3.2 MW from methane gas produced by decaying trash

Perry County Suburban Landfill
Up to 6.4 MW from methane gas produced by decaying trash

New York Power Authority Hydropower
55 MW entitlement, Niagara (90%) and St. Lawrence Rivers