



GET CLOSER TO NATURE

ENJOY MICHIGAN'S
RIVERS AND NATURAL
WOODLANDS.

Consumers Energy

Count on Us®

A LITTLE WILD, A LOT WONDERFUL

GET CLOSER TO NATURE

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EXPERIENCE THE BEST nature has to offer. Whether it's a leisurely bike ride or hike through miles of pine forests with hardly another human passerby.

Built and operated by Consumers Energy since the early 1900s, the 12,000 acres of land and water at our 13 hydro-electric dams offer many recreational opportunities:

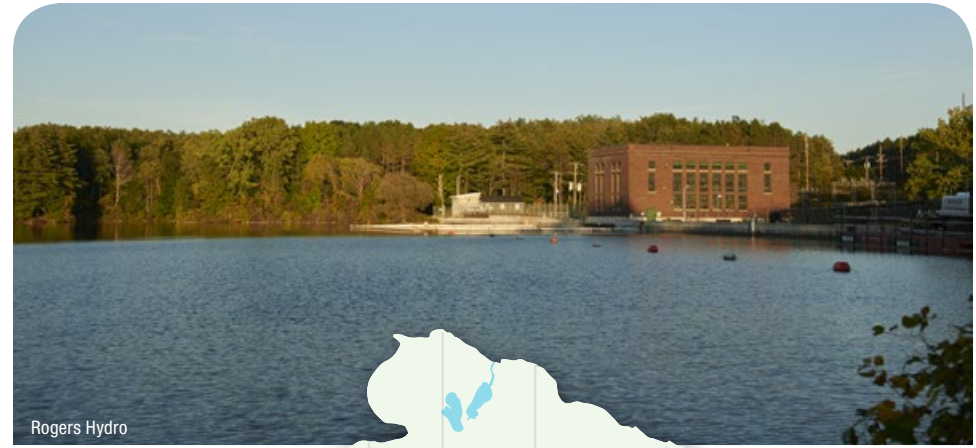
- Fishing or camping.
- Picnicking and swimming.
- Canoeing and seeing a deer take a drink at the edge of the water.
- Catching sight of a bald eagle soaring high above its nest or a family of trumpeter swans gliding silently across the water.
- Viewing Michigan's fall foliage along the brilliantly colorful landscape.

Consumers Energy works with township, county, state and federal government officials, plus many volunteer organizations and private businesses to provide access to the clear water and cool forests.

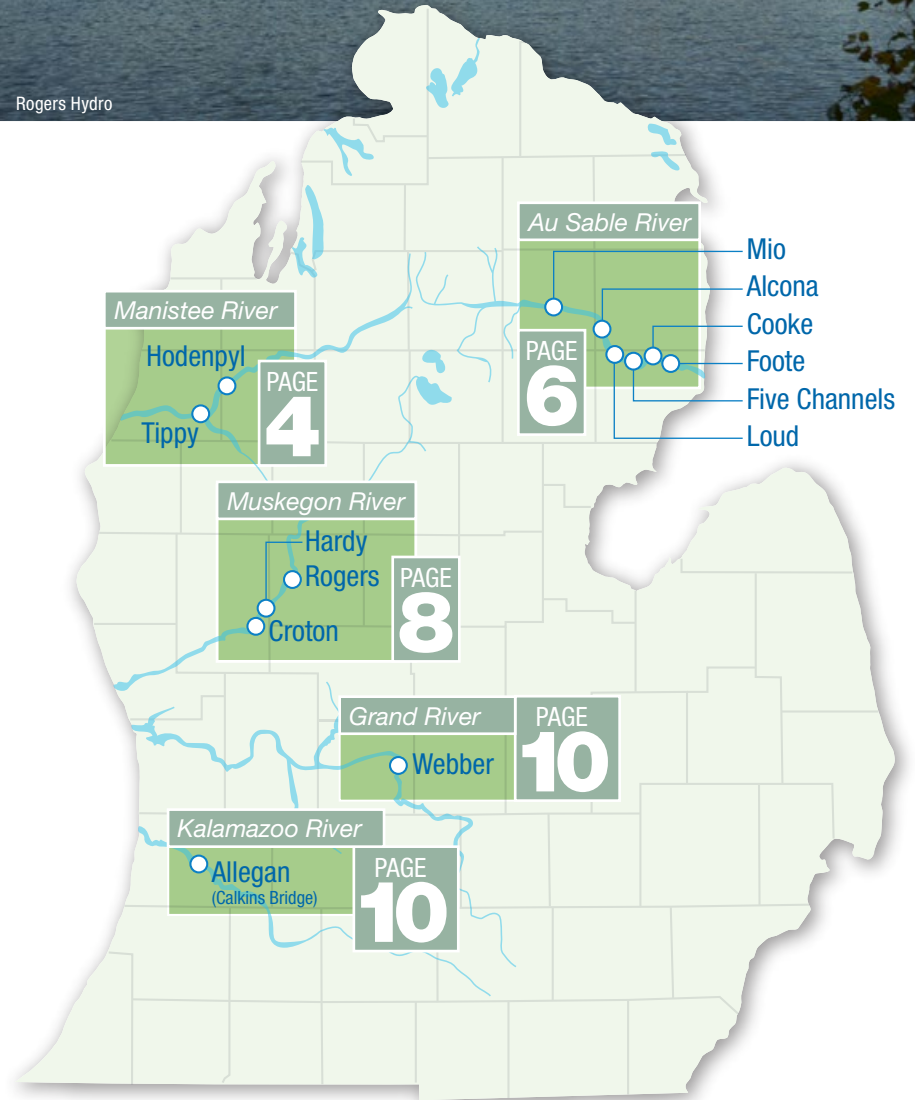
So grab the family, hop in the car and enjoy Michigan's rivers and natural woodlands today.

Let your family experience something a little wild, but a lot wonderful.

YOUR SAFETY IS A PRIORITY. See page 15 for tips.



Rogers Hydro



MANISTEE RIVER

Known locally as the “Big Manistee,” so as not to be confused with its smaller southern neighbor, the Little Manistee River, the Manistee River stretches about 170 miles from its headwaters near Alba to Manistee Lake and then Lake Michigan.

The Manistee is one of our state’s premier canoe floats and finest steelhead, salmon and trout rivers. The clear, cool water and natural woodlands provide championship fishing and excellent wildlife watching and recreational opportunities year round.

Boat launches and rentals, as well as seasonal rental docks, are available to help anglers enjoy those resources. Campgrounds, picnic facilities, fishing piers and swimming areas are located around the two reservoirs. Morel mushrooms are thick near Tippy Dam, attracting enthusiasts each spring.

In northwest Michigan, halfway between Manistee and Cadillac, the Manistee River is home to two of our hydroelectric dams together they produce enough electricity to meet the annual power needs of about 13,000 of our residential customers.

Completed in 1925, Hodenpyl Dam can produce up to 17,000 kilowatts. Tippy Dam, built in 1918, is our second-largest dam and can generate up to 20,000 kilowatts.

Tippy Dam’s tailwaters are a popular destination for salmon and steelhead fishing. The Michigan Department of Natural Resources operates access facilities here, including a barrier-free fishing pier and a nearby campground. Reservoirs at both sites also offer pike, bass, walleye, trout and panfish.

Additional highlights:

- A suspension footbridge just downstream of Hodenpyl Dam links a segment of the North Country National Scenic Trail on the west side of the river with the Manistee River Trail bordering the river’s east side, forming a spectacular 20-mile trek.
- At Veteran’s Memorial Park on Hodenpyl Pond, a barrier-free shoreline observation deck provides excellent wildlife viewing.
- The Pine National Scenic River, renowned for its trout fishing and canoeing, also lies upstream of the Tippy Pond’s southern arm. We recently completed the removal of the old Stronach Dam and restoration of that site on the Pine.
- Flowing west from near Grayling in the middle of the northern Lower Peninsula, the Manistee River reaches our company’s riverlands at Hodenpyl Dam, near Mesick. It is accessible from three state highways that converge at Mesick – M-115, M-37 and M-42.
- Downriver several miles is the Tippy Dam pond, 15 miles east of Manistee near Wellston and accessible from M-55.



Tippy Hydro



Hodenpyl Pond and suspension bridge





Trumpeter swan and cygnets



Foote Hydro

AU SABLE RIVER

The Au Sable River, a world-famous trout stream, flows east from near Grayling. Along the Au Sable, our riverlands offer public recreation near six dams – Mio, Alcona, Loud, Five Channels, Cooke and Foote. When Consumers Energy pioneered the development of hydroelectric power along the Au Sable, the land was scarred by indiscriminate logging and uncontrolled wildfires.

Between the mid-1920s and the 1950s, Consumers Energy planted millions of pine trees to stabilize riverlands near our six dams. The Au Sable, which means “River of Sand,” now provides excellent fishing, recreation and wildlife viewing from Grayling to Oscoda. Together, the six dams can generate 41,000 kilowatts of electricity, enough to power a community of about 20,500 people. Cooke Dam and the site of the Five Channels Dam Construction Camp are listed on the National Register of Historic Places.

Along with Mio, a state of Michigan Historic Site, all three have State Historic Markers placed at the dams. Most of the river frontage is now Huron National Forest land managed by the U.S. Forest Service.

We still own about 3,500 acres near the dams. Much of this property is leased to county and township governments or small businesses that provide parks, campgrounds, boat rentals, and even an authentic paddlewheel touring boat. Old Orchard Park on Foote Pond, Alcona Park on the east and west sides of Alcona Pond and the Oscoda County Park on Mio Pond offer all the amenities of modern campgrounds.

Many access sites on the ponds and at the river tailwater areas below the dams feature newly constructed universal access fishing piers. The lower Au Sable dams are bordered by the U.S. Forest Service River Road National Scenic Byway. This 22-mile-long byway features several spectacular overlook sites. Its centerpiece is the Lumberman’s Monument Visitor Center overlooking Cooke Pond.



Five Channels Hydro



Lumberman's Monument

Alcona Pond

Additional Highlights:

- Near the end of the byway on Foote Pond is the Au Sable River Queen, a popular paddlewheel excursion boat. Bald eagles nest along the river, and we have led the establishment of Michigan native trumpeter swan populations to the Au Sable valley.
- Portages are available at each of our six dams to allow recreation seekers to canoe down the winding river or float on an inner tube.
- The Au Sable is a favorite with paddlers and the 23-mile stretch of the river from Mio Dam to Alcona Pond is designated a National Scenic River.
- Each year, on the last weekend in July, the Au Sable River Marathon, canoeing’s premier international racing event, runs the river from Grayling to Oscoda.



Hardy Nature Trail



Hardy Pond

THE MUSKEGON RIVER

Located in Mecosta and Newaygo counties, the riverlands along our three dams on the Muskegon River are packed with recreational opportunities and are rich in our state's history. The 227-mile river moves east to west from its headwaters near Houghton Lake to Muskegon Lake and then Lake Michigan.

Along a 35-mile stretch of the river, we own and operate Rogers Dam, Hardy Dam and Croton Dam, which together can generate about 45,500 kilowatts of electricity and meet the annual power needs of about 22,000 of our residential customers. Croton and Hardy dams are listed on the National Register of Historic Places. State Historic Markers are located at the Croton East Tailwater Overlook and the Hardy Operator's Village Park. Hardy Pond offers excellent fishing and one of the company's best nature trails.

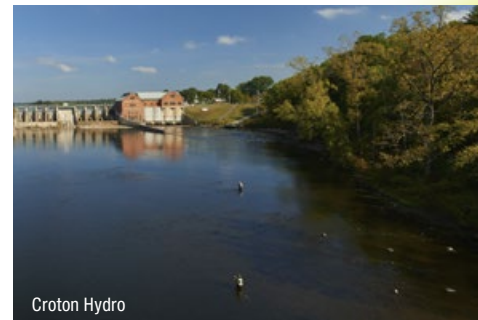
The three-mile unpaved path parallels the Muskegon River and contains 26 different trees with identification plaques. Hardy features major parks offering more than 1,000 campsites, including Newaygo State Park, Brower Park, Big Prairie Park, Ox Bow Park and the Sandy Beach Park. Small-business facilities include many dock rentals, boat launches and smaller campgrounds. Hardy Pond is especially popular with houseboats.

Specific areas of the Hardy and Croton lands have been identified as suitable habitat for the endangered Karner blue butterfly. About the size of a postage stamp, the Karner blue is a special focus of our company's wildlife management at its Muskegon River dam projects. Orange spots that line the underside of both males and females identify the tiny butterfly.

From its origins at Houghton Lake to its outflow in the port city of Muskegon, the Muskegon River courses through meadows and woodlands before reaching three riverland areas known for their recreational areas – the ponds behind the Rogers, Hardy and Croton dams. Rogers lies just east of U.S. 131 near Big Rapids, and Hardy and Croton are west of Morley off U.S. 131.



Muskegon River below Hardy Hydro



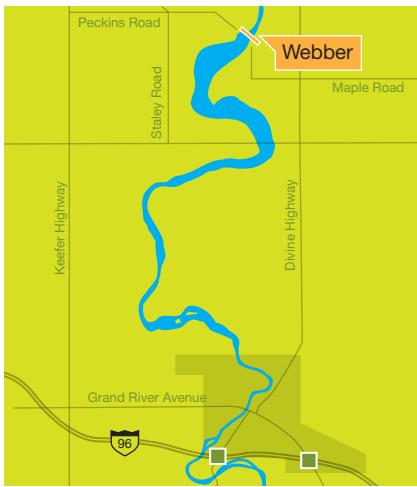
Croton Hydro



Karner Blue Butterfly



Stream at Hardy Pond



GRAND RIVER

The Grand River, the longest river in our state, winds some 260 miles from the Jackson area to Grand Haven. Native Indians knew the head of the Grand River as Gabaguoache (GOB uh-guh-watch-EEE) — the big mouth — which empties into Lake Michigan.

French explorers called the Grand River La Grande Riviere. More than 200 years ago, the Ottawa, Ojibwa and Potawatomi tribes lived along the Grand River.

Fishing, hunting and navigation were the way of life for these caretakers during the 1700s. With a capacity of 3,225 kilowatts, Webber Dam began generating electricity on the Grand River in 1907, with its output primarily serving the city of Grand Rapids. The Webber tailwaters attract salmon, steelhead and bass. A portage and boat launch are near the dam.

Family recreation for everyone

To help you prepare for the trip, visit our hydroelectric pages at ConsumersEnergy.com/hydro.



KALAMAZOO RIVER

The Kalamazoo River is located in the southwest portion of Michigan's Lower Peninsula. The river runs about 148 miles west from the headwaters of the southern branch in Hillsdale County into Lake Michigan near Saugatuck.

Potawatomi Indians, French missionaries and fur traders inhabited the area in the 1600s and 1700s. By the early 1800s, several small communities had been established along the river, including Kalamazoo.

In 1899, William A. Foote, Consumers Energy's founding father, built Trowbridge Dam at a site upstream of Allegan. It was Michigan's first major hydroelectric dam and its power was transmitted a then-unheard of 25 miles to serve the city of Kalamazoo.

With a capacity of 2,550 kilowatts of electricity, the Lake Allegan Dam, also known as Calkins Bridge, west of the city of Allegan, began operating in 1936. Steelhead, brown trout, salmon, bass and catfish congregate in the Allegan tailwaters. There also are a portage, boat launch and picnic facilities.



FACILITY DIRECTORY

- | | | |
|-------------|----------------------|-------------|
| Camping | Canoe Access/portage | Picnic Area |
| Swimming | Fishing | Hiking |
| Boat Launch | Fishing Pier | Scenic View |

Hodenpyl Dam Sites

Burton's Landing

North 3 1/4 Rd., Mesick
231-389-2852



Fletcher Creek Rustic Campground

Hodenpyl Dam Rd., Mesick
231-885-1199



MDOT M-37 Roadside Park

M-37, Mesick



North County National Scenic Trail

Manistee River Footbridge



North Tailwater and Canoe Portage

N. Hodenpyl Dam Rd., Mesick



Northern Exposure Campground

Hodenpyl Dam Rd., Mesick
800-563-7425



Pat's RV Park

2981 N. Seven Rd., Mesick
231-885-1056



Manistee River

Teall's Campground

9077 Hodenpyl Dam Rd., Mesick
231-885-1199 (Open May – Sept.)



USFS Seaton Creek Campground

S. Hodenpyl Dam Rd., Mesick



Veteran's Memorial Park

M-115, Springville Township



Woodpecker Creek Boat Launch

Upper River Rd., Mesick



Tippy Dam Sites

Camp Mana-Pine

998 Emmons Rd., Wellston



Loomis Landing

9770 Husier Rd., Wellston
231-878-7449



MDNR North Tailwater and Canoe Portage

Dilling Rd., Wellston



MDNR Tippy Campground

Dilling Rd., Wellston
231-775-7911



MDOT M-55 Roadside Park

M-55 at Low Bridge Rd., Wellston



Norman Township Boat Launch

Robinson Rd., Wellston



South Tailwater Fishing Access

Tippy Dam Rd., Wellston



USFS Low Bridge Canoe Landing

Low Bridge Rd., Wellston



USFS Red Bridge Boat Launch

Coates Rd. at the Manistee River





Mio Dam Sites Au Sable River

Camp 10 Boat Launch, Fishing Pier
Camp 10 Bridge Rd., Mio

Canoe Portage at Mio Dam
South side of the river at the dam

Joseph Pillars Park
Pond Drive, Mio

MDNR Mio Dam State Forest Campground
Gerber Rd., Mio

MDNR Mio Pond Access
Pond Dr., Mio

Mio North & South Tailwater
M-72/33 at Mio Dam, Mio

Mio Scenic Overlook
M-72 (West of High School), Mio

Oscoda County Park
1110 Jay Smith Dr., Mio
989-826-5114

Rainbow Resort
731 Camp Ten Rd., Mio
989-826-3423

Alcona Dam Sites Au Sable River

Alcona East and West Tailwater and Canoe Portage
Bamfiled Rd. at Alcona Dam

Alcona Park
2550 S. Au Sable Rd., Glennie
989-735-3881

USFS 4001 Canoe Landing
Federal Highway 4001, Glennie

Loud Dam Sites Au Sable River

Canoe Portage at Loud Dam
South side of the river at the dam

USFS Rollways Campground
Rollways Rd., Hale

USFS West Gate Scenic Byway
M-65, Hale

Loud Pond Boat Launch
Loud Dam Rd.

Five Channels Dam Sites Au Sable River

Five Channels Pond Boat Launch
M-65, Glennie

South Tailwater Access
M-65, Glennie

Cooke Dam Sites Au Sable River

Canoe Portage at Cooke Dam
North side of the river at the dam

South Tailwater Access
Cooke Dam Rd., Oscoda

USFS Lumberman's Monument
River Rd. Scenic Byway, Oscoda

Cooke Pond Boat Launch
Cooke Dam Rd., Oscoda

USFS Iargo Springs and Canoer's Monument
River Rd. Scenic Byway, Oscoda

USFS Pine Acres Boat Launch
Pine Acres Rd., Glennie

Foote Dam Sites Au Sable River

Canoe Portage at Foote Dam
North side of the river at the dam

MDNR Foote Dam Fishing Access
Rea Rd. at Foote Dam, Oscoda

Old Orchard Park
883 E River Rd., Oscoda
989-739-7814

Footesite Park
W. River Rd., 6 Mi. West of Oscoda

MDNR Foote Tailwater Boat Launch
Rea Rd., Oscoda

USFS Foote Pond Overlook
River Rd. Scenic Byway, Oscoda

Au Sable River Queen
Two-hour Riverboat Cruise
989-739-7351

Rogers Dam Sites Muskegon River

East Tailwater and Canoe Portage
10 Mile Rd., Stanwood

MDNR Rogers Heights Boat Launch
11 Mile Rd., Stanwood

Ulrich Park
Rogers Dam, Stanwood

Hardy Dam Sites Muskegon River

Big Bend Park
2000 S. Beech Ave., White Cloud
231-689-6325

K&K Landing and Boat Launch
7660 Whitneyville, Newaygo
616-791-1839

Ox Bow Park
2973 Cottonwood Dr., Newaygo
231-856-4279

Brower Park
23056 Polk Rd., Stanwood
231-823-2561

K&K Camping
7701 Whitneyville, Newaygo

Sandy Beach Park
6926 30th St., White Cloud
231-689-1229

Four Seasons Boat Landing
7305 E. 36th St., Newaygo
231-245-1358

MDNR US-131 Boat Launch
205th Ave, Big Rapids

Sarns' Resort
4398 Newcosta Rd., Morley
231-823-2233

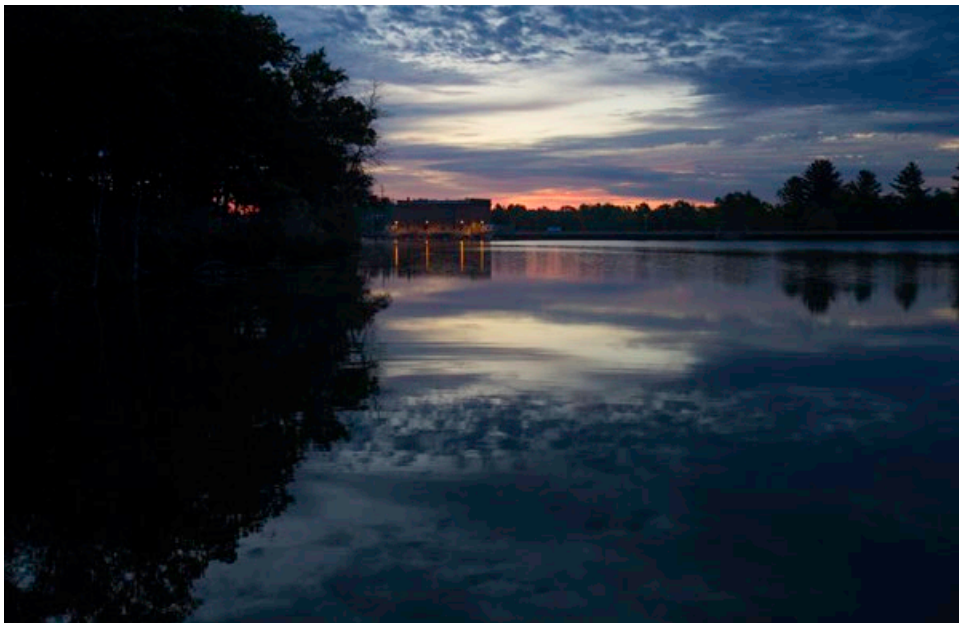
Hardy Dam Marina
36th St., Newaygo
231-689-1511

Newaygo State Park
Beech and 32nd, Newaygo
231-856-4452


Sportsman Park
2500 Sportsman Dr., White Cloud
231-689-6496


Hardy Dam Nature Trail
36th St., Newaygo


Operator's Village Park and Hardy Dam Canoe Portage
36th St., Newaygo




Croton Dam Sites **Muskegon River**

A. W. duChemin Park
Swan Ave., Croton


Croton Dam Tailwater Park
Croton-Hardy Drive, Croton


Croton Township Campground
5725 Croton-Hardy Dr., Croton
231-652-4642



Canoe Portage at Croton Dam
Pear Ave., Croton


East Tailwater Access
Croton-Hardy Drive, Croton



Webber Dam Sites **Grand River**


MDNR Webber Pond Boat Launch
Peckins Rd., Lyons


Webber East Tailwater, Canoe Portage
Park Rd., Lyons



West Tailwater Fishing Access
Peckins Rd., Lyons



Allegan Dam Sites **Kalamazoo River**

Canoe Portage at Allegan Dam
Allegan Dam Rd., Allegan


MDNR West Tailwater Access
Allegan Dam Rd., Allegan


MDNR Echo Point Boat Launch
Monroe Rd., Allegan


Jaycee Park
Monroe St., Allegan


MDNR East Tailwater Access
Allegan Dam Rd., Allegan


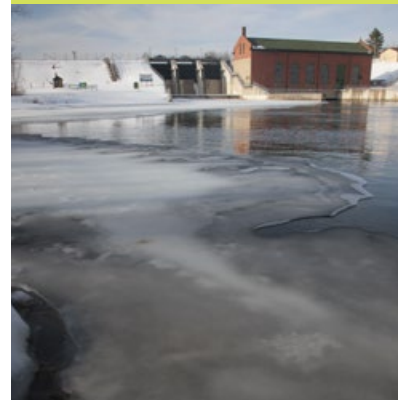
YOUR SAFETY IS A TOP PRIORITY



Stay away from potential hazards and obey all warning signs, lights and sirens when visiting our hydro facilities.



Water released below dams can be dangerous to swimmers and boaters.



Conditions near hydro plants can change rapidly due to unpredictable weather, making ice very thin and dangerous.

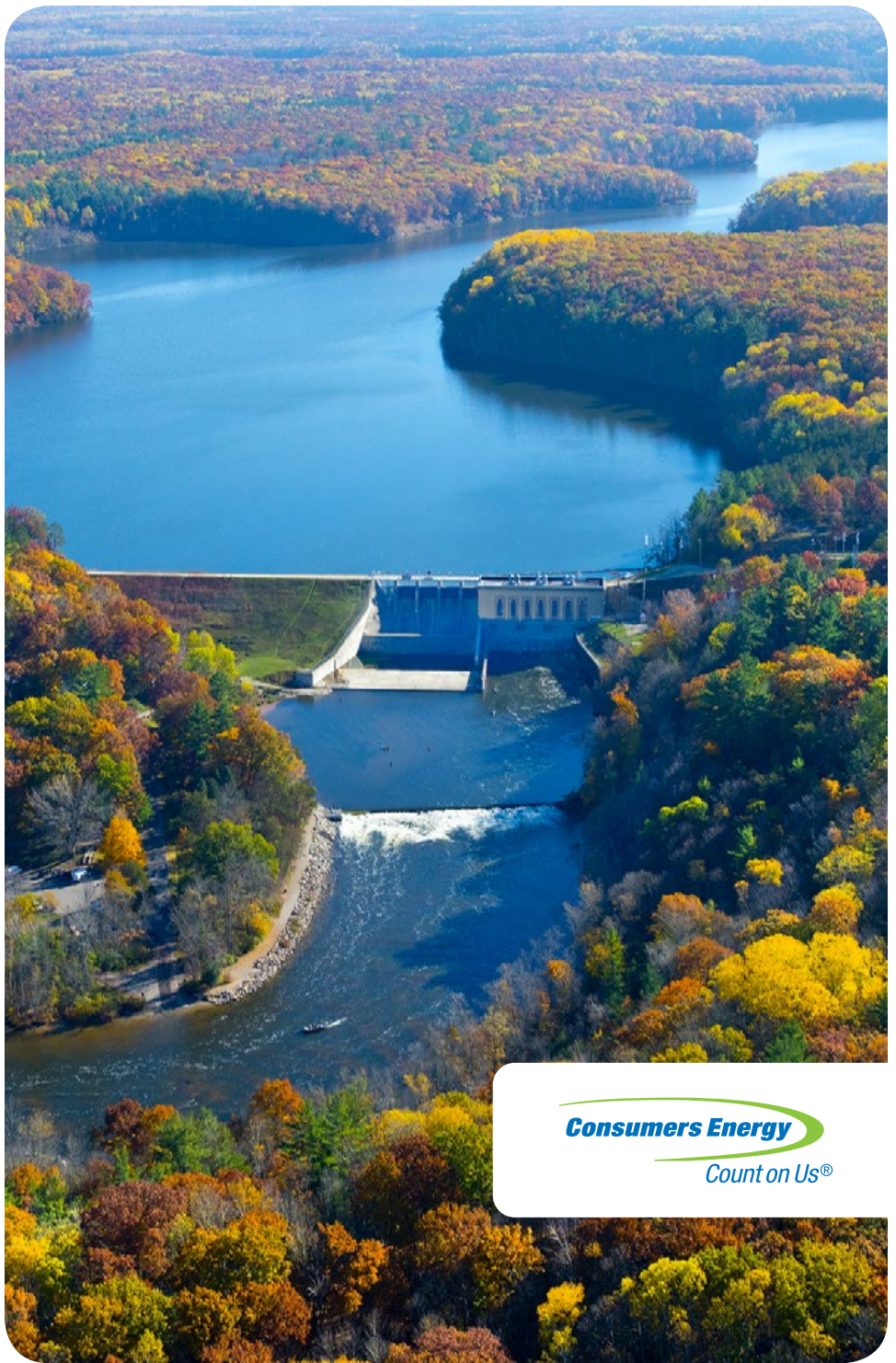
HYDROELECTRIC DAMS can be hazardous. Enjoy the facilities near our hydro dams, but please stay away from potential hazards and obey all warning signs, lights and sirens.

Dangers Often Hidden

When water is passing through a Consumers Energy hydroelectric plant to generate electricity, the water is discharged from the plant through large tubes located below the surface of the river. Therefore, changes in the water's currents may not be readily visible. That means the water just down river from the dam is turbulent, with rising and falling currents. The currents usually create an undertow, strong recirculating currents, near the dam. Although not easy to see, those currents can easily trap a person or boat, with the potential for tragedy.

The currents are just as hazardous in winter, when a reservoir may or may not be covered with ice. Ice on a reservoir near a hydroelectric facility is not reliable and should be avoided by snowmobilers, anglers and others enjoying recreation. Ice-covered water down river from a hydroelectric facility can be just as dangerous and should never be considered a safe place to walk.

Consumers Energy's 13 hydroelectric projects are licensed by the Federal Energy Regulatory Commission; recreational facilities at these sites are open to the public without discrimination.



Consumers Energy
Count on Us®

Tippy Hydro on the Manistee River.