

BAYSHORE/FIRST ENERGY FISH KILLS COST'S ECONOMY \$30 million/year MASSIVE FISH KILLS IMPACT MAUMEE/LAKE ERIE

While anglers have walleye and perch catch limits.

The Bayshore Power plant kills as many fish as they want – no limits – no fines – no reports

For Economic Impact Study & More Information: westernlakeerie.org



BAYSHORE

- Company studies show 126,000 fish/day impinged – caught against the screens, 5 million/day (thru the screens)
- Biggest fish killing plant in Great Lakes
- Company proposes louvers – not used in coal fired power plants – used in dams where the fish can be rerouted
- Bypass needed for louvers and entrainment – have to cut through fly/ash dredge disposal area – with contaminated sediments

2005-2006 Bayshore First Energy Report

46 million fish caught against screens(impinged):

- 4,445 small mouth bass
- 77,812 walleye
- 123,405 yellow perch
- 4.7 million white perch
- 4 million yellow perch
- 17 million white bass
- 19 million emerald shiners

One million pounds of fish lost per year

2.5 billion larval fish go through the screens(entrained):

- 14 million walleye
- 14 million gizzard shad
- 24 million emerald shiners
- 656 million rainbow smelt
- 977 million sheephead
- Other: Shiners, Bass, Gizzard Shad, Drum, Catfish, Bluegill, Endangered - Threatened: Western Banded Killfish, Channel Darter, Burbot Whitefish Channel Darter

Maumee River/Bay – Lake Erie & Fish:

- The Maumee River is the Great Lakes fishiest river - best walleye spawning river in the world
- Lake Erie has more consumable fish than all of the other Great Lakes combined
- Ohio Fish limits: 6 walleye & 30 perch per day (walleye Lake Erie 80 million five years ago – 20 million now)

Bayshore Economic Loss

- \$29.7 million/ year in direct losses from Bayshore fish kills
- 407,645 walleye/ year lost from Bayshore food chain

Bayshore Cooling Towers:

- Increases fish & reduces warmer water in Western Lake Erie
- Benefit greater than cost
- Reduces fish kills by over 95%
- Eliminates thermal plume that helps algae grow
- Allows three miles of shoreline to freeze in winter
- New York and other states requiring cooling towers to reduce fish kills

The Bayshore/First Energy Power Plant :

- Largest fish killing power plant in Great Lakes(located in fishiest place in Great Lakes)
- Uses 750 million gallons of water/day(In the fall plant uses entire flow in Maumee River)
- ODNR & OEPA asked Bayshore to close 3 of 4 units during spawning season(nonpeak) Bayshore refused
- The discharged water used for cooling by the plant is about 10°F warmer helping algae grow
- Bayshore/First Energy kills fish 24 hours/day, 365 days/year – no limits, pays nothing(DTE and Consumers pay into Great Lakes Trust Fund for fish killed – fund benefits Lake Michigan)
- Bayshore does not report fish kills & does not report where the dead fish go
- Before Bayshore plant – huge numbers of fish in Maumee Bay – as Bayshore added units fish declined
- Intake channel at Bayshore 14' – used to be 20' – for coal freighters to unload