



# DTE Energy's Water Policy



**DTE**

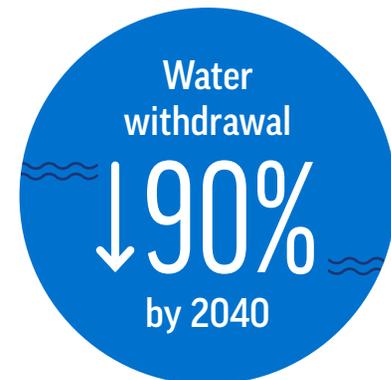


**As the largest energy company in the Great Lakes state, we know the importance of protecting our waterways. That's why DTE is dedicated to using water responsibly and efficiently.**

DTE withdraws water from rivers and lakes for cooling purposes in its power plant and gas compressor station operations. A fraction of this water is consumed during these processes while most of it is safely returned to lakes and streams. DTE employs practical land-management and conservation techniques to protect and conserve water resources at our facilities and properties and is striving to be more efficient with water usage.

By retiring coal plants and shifting to cleaner and more efficient generation sources, DTE has aggressive targets to reduce water withdrawal by 40% by 2023, 60% by 2030, and 90% by 2040. These numbers represent current projections and could improve with technological advancements in the future.

These goals build upon our 2019 achievement of reducing water withdrawals by 25% in our generation operations over a 14-year span compared to our 2005 baseline.



**DTE's Blue Water Energy Center** – a natural gas power plant – will be one of the most efficient plants in the United States when it opens in Spring 2022. Gas plants use 99% less water than coal plants.

## To achieve these goals, DTE aims to:

1. Make water conservation and protection an integral part of our planning and decision-making processes and commit resources to implement programs.
2. Decrease water use for power generation by replacing coal-fired power plants with less water-intensive energy sources.
3. Implement cost-effective water efficiency improvements in our operations.
4. Conduct business with entities that reflect our environmental values and commitments and select contractors, suppliers, and materials that reduce negative impact on water resources.
5. Maintain open channels of communication regarding water topics and participate with government agencies and other organizations in framing responsible laws, regulations and standards affecting the community, our customers, employees, and the environment.
6. Establish and use key measures to track our performance, set objectives and targets to drive continuous performance improvement, conduct audits and assessments, and promptly correct conditions that threaten human health, safety or the environment.
7. Explore the use of Green Infrastructure Design (e.g., native plants, porous pavement, green roofs) for new construction to decrease stormwater runoff and control water pollution.





8. Reduce customers' water use through Energy Waste Reduction programs in multifamily buildings, schools, and businesses by installing efficient showerheads, HVAC systems, and other water-saving technologies.
9. Volunteer time and technical expertise to nonprofit groups, such as Friends of the Detroit River, to assist in habitat projects that improve water quality and fisheries habitat.
10. Sponsor, promote and participate in water festivals to help educate students on the importance of Great Lakes stewardship.
11. Promote wildlife habitat projects, such as raingardens and bioswales throughout the company, which act to capture storm water run-off, filtering sediment and nutrients before reaching local watersheds.
12. Work with federal agencies, state agencies, and local wildlife groups to create or restore wetlands and prairie habitats on company properties, such as the wetland prairie complex at DTE's Monroe Power Plant.
13. Engage in river restoration and bank stabilization initiatives to protect water resources.
14. Incorporate The Michigan Department of Environment, Great Lakes & Energy's generic and industry-specific water conservation measures in our operations.

# Water Withdrawals for Power Generation

