

DTE Energy Transformation

The electric power industry is undergoing the most dramatic change we have seen in 50+ years. DTE is managing our response to this transformation with a focus on working safely, improving reliability and maintaining affordability for our customers.



Coal

GENERATION	2005:	78%
	2016:	61%

Our largest fuel source is coal. We are gradually reducing our coal-fired generating capacity and replacing some of it with natural gas and renewables. As our plants age, coal generation is becoming more expensive over time compared to other alternatives.

Nuclear

GENERATION	2005:	18%
	2016:	21%

Nuclear power is the only source of emission-free baseload generation. With the recent license renewal for our Fermi 2 plant, nuclear continues as an integral part of DTE's generation portfolio.

Natural Gas

GENERATION	2005:	3%
	2016:	8%

With increasing availability of natural gas from domestic production, gas prices have declined and our use of natural gas as a generation fuel has ramped up. By taking advantage of low-cost gas resources, DTE can keep energy affordable for our customers.

Wind

GENERATION	2005:	0%
	2016:	6%

We invested significantly in wind power over the past several years, which benefits both air quality and regional economic development. DTE's local spending creates jobs for Michigan's economy.

Other Renewables

(solar, biomass, hydro)

GENERATION	2005:	1%
	2016:	4%

Other types of energy sources are a small but growing part of DTE's generating portfolio. We are constructing major solar facilities, as solar panels are becoming more efficient and affordable.



Energy Efficiency

DTE provides tools and resources that empower our customers to be more energy efficient and optimize their energy use. Through technology, innovation and collaboration, we're helping Michigan families and businesses save money on their energy bills. This protects the environment by conserving natural resources, and it supports our local economy.

