

a force for  
growth & prosperity



2017 Corporate Citizenship Highlights



**DTE Energy®**

# highlights

With our energy, we're doing good things. Like providing affordable power while improving our environment and investing in infrastructure to improve reliability. We're also helping people get the skills and education they need for good, well-paying jobs. That's helping to grow our middle class, and it's making life better in our state. We're passionate about our work in communities across Michigan. This is our home, too. We are committed. We are bold. We are DTE.

**DTE Employees**  
**10,000+**

## DTE Energy

**\$12.6 billion** operating revenue

## DTE Electric

**2.2 million** customers

**7,600 square mile** service territory

Power generated by coal, nuclear, natural gas, renewable energy, oil and hydro

## DTE Gas

**1.3 million** customers

**20,300 square mile** service territory

Natural gas storage, transport and distribution

## Non-Utility Businesses

Gathering pipelines near natural gas production areas in Michigan, Pennsylvania, West Virginia and Ohio

Partial ownership of two major natural gas interstate pipelines - NEXUS through Ohio and Michigan, and Link Lateral and Gathering in Pennsylvania and West Virginia

More than 60 power and industrial projects in 17 states including onsite energy projects, steel industry energy solutions, waste wood projects, landfill gas, and environmental controls

# people

We're passionate about making our public service personal. From ensuring our people are safe on the job and active in their communities to helping households and businesses keep their energy costs down, DTE Energy's workforce is connected and caring. We're especially mindful of our neighbors and customers with limited means, providing help to those going through a difficult time and others who need ongoing assistance.

About 200,000 of DTE's residential customers are identified as low-income, with many needing help to keep their homes warm. To reach these customers, DTE's Community Outreach team connects with hundreds of neighborhood groups, nonprofits, multicultural organizations, and faith-based institutions. In 2017, DTE organized more than 30 neighborhood Customer Assistance Days, providing 17,000 households with \$3 million for bill payments using federal Low Income Heating and Assistance Program funds.

DTE continually offers resources through 20 energy waste reduction programs to help customers lower their gas and electric bills. In 2016, DTE's residential and business customers saved nearly \$600 million in energy costs through these programs. DTE customers save more than \$5 for every \$1 invested in energy efficiency actions such as switching to LED lighting and ENERGY STAR-labeled appliances.

Our customers tell us reliable and affordable energy matters. We're listening. The average annual bill for DTE residential electric customers in 2017 was five percent lower than it was in 2012. DTE residential natural gas bills are 30 percent lower than they were 10 years ago.

## Our continued assistance for low-income residents

2017

**\$12 million**

2018 projected

**\$19 million**

2019 projected

**\$25 million**



Learn more at [DTEImpact.com](http://DTEImpact.com)



In 2017 nearly  
**3,500**  
employees



contributed  
**56,765**  
hours



to serve  
**567**  
nonprofits



# people

Good companies prove how much they care about their employees through their commitment to safety. Employees show how much that matters by helping create a great workplace and doing community service as company volunteers. The DTE way of doing good by being good is attracting national recognition.

Safe workplaces and quality work environments drive employee job satisfaction and build a culture of engagement among coworkers. Indeed.com placed DTE in its top 10 among Fortune 500 companies for workplace satisfaction. DTE landed a Gallup Great Workplace Award for the fifth consecutive year - the only utility earning this recognition from Gallup. DiversityInc. ranked DTE a top-five utility in the nation for its commitment to diversity and inclusion.

When people enjoy where they work, good things happen from the positive spirit that results. DTE employees are sharing their energy and goodwill by volunteering through the workplace in record numbers. In 2017, DTE's Care Force of 3,500 employees volunteered nearly 57,000 hours with 567 nonprofits in Michigan, close to doubling the number of charitable organizations they helped the year before.

A culture of workplace safety happens when leaders and employees make it their first priority - always and everywhere. DTE ranks in the top 10 percent of energy companies nationwide for its safety standards, including at the Fermi 2 Nuclear Power Plant, now ranked among Michigan's safest workplaces. For the second consecutive year, DTE also earned the American Gas Association's Safety Achievement Award for excellence in employee safety.



More than a third of DTE employees proudly give their time, talent, and treasures through the workplace. At Making Strides Against Breast Cancer events last year in Ann Arbor, Detroit, Grand Rapids and Monroe, more than 200 DTE employees raised nearly \$36,000 to fund American Cancer Society programs and research.



"Highest in Customer Satisfaction with Business Natural Gas Service and Electric (Large Utilities) Services in the Midwest"

For more information, visit [jdpower.com](http://jdpower.com)



DTE surpassed Nike, Apple and The Walt Disney Company in earning a No. 7 ranking among Fortune 500 companies on Indeed.com's list of the 50 Best Places to Work in 2017.



Named a 2017 top-five utility in the nation by DiversityInc., DTE was recognized for hiring and promoting women and minorities, creating inclusive workplaces, reaching diverse customers and having strong supplier diversity.



# places

In towns large and small, our customers are also friends and neighbors. It's why we're so committed to power growth and help create a future of vibrant, thriving communities.

Public safety is a crucial element in reviving neighborhoods, spurring redevelopment and attracting visitors. Partnering with the Detroit Police Department and Wayne State University police, DTE has expanded security patrols beyond its downtown Detroit headquarters to cover the entire 148-acre neighborhood surrounding its campus. The DTE-led Crime Deterrence Initiative has also improved street lighting and video monitoring, which resulted in an 80 percent reduction of vehicle break-ins, bike thefts, and other targeted crimes in the neighborhood.

Careful planning and community engagement resulted in the state's most significant clean energy project in 2017 - DTE's Lapeer Solar Park. Developed in collaboration with the City of Lapeer on city-owned land, the \$100 million array is the largest utility-owned solar installation in Michigan and involved 150 construction jobs from its spring 2016 groundbreaking to producing power last May. A 20-year lease signed by DTE will generate about \$500,000 in new annual revenue for the City of Lapeer totaling \$10 million over the life of the lease. Lapeer Community Schools will see about \$4.5 million of that amount. "The Lapeer project has been extremely positive for our residents," said Lapeer Mayor William Sprague. "It has called attention to Lapeer not only throughout the state but nationwide. We have really enjoyed the partnership with DTE. It's been very successful for both of us." The array is generating enough power to supply 11,000 homes with clean energy.



Nearly 50,000 people visited DTE Energy's Beacon Park during its 2017 opening weekend to celebrate Detroit's newest public space. In less than a year, Beacon Park has attracted more than 240,000 visitors to free events organized with community partners.

Natural disasters challenge people and communities in unparalleled ways. After Hurricane Irma destroyed much of Florida's power infrastructure last September, DTE dispatched 600 employees and contractors to help restore electricity to millions of people. Another 80 went to help in Puerto Rico after Hurricane Maria caused even more catastrophic damage. In Puerto Rico, DTE crews installed hundreds of new utility poles, reset hundreds more, and replaced miles of power lines damaged by the storm.



Learn more at [DTEImpact.com](http://DTEImpact.com)



# planet

In May 2017, DTE Energy announced an industry-leading sustainability initiative to provide coal-free power generation by 2040 and reduce carbon emissions by more than 80 percent from 2005 levels by 2050. The most significant transformation of power generation in our history. DTE is creating a balanced mix of cleaner, affordable and reliable energy sources for our customers.

Choosing between economic growth or the health of our environment is yesterday's thinking. DTE is doing both. We're achieving affordable carbon reduction by incorporating more renewable energy sources, transitioning our 24/7 power sources from coal to highly efficient, domestically fueled natural gas-fired generation and operating our zero-emission Fermi 2 Nuclear Power Plant. We're doing this in a responsible timeframe to support Michigan's economy while providing homeowners and businesses with affordable and reliable energy.

As Michigan's largest producer of renewable energy with 31 solar arrays and 13 wind parks, more than 10 percent of the energy DTE uses to supply electricity comes from these energy resources. In the years ahead about half of the energy DTE produces will come from zero-emitting resources including solar and wind. We've driven investment of more than \$2 billion in solar and wind generation, which now provides enough clean energy to power 450,000 homes. The Lapeer Solar Park and the O'Shea Solar Park in Detroit - among the largest urban solar arrays in the Midwest - were activated last fall. Now being built, the Pine River Wind Park in Gratiot and Isabella Counties will further expand DTE's renewable power generation capacity.

In May 2017, DTE activated one of the largest solar parks east of the Mississippi. Nestled amid farmland and residential areas in the Lapeer city limits, the solar facility produces enough clean energy to power 11,000 homes. Solar energy now makes up seven percent of DTE's renewable energy portfolio and brings the company's investment in solar energy to \$170 million since 2008 - the most of any company in Michigan.



## Climate Leadership

**Reducing CO<sub>2</sub> Emissions**  
Our goals will be met by developing more wind and solar projects, retiring existing coal plants, investing in new natural gas-fired generation and continuing to operate our Fermi 2 Nuclear Power Plant.

Early 2020s  
**30%**  
below  
2005 levels

2030  
**45%**  
below  
2005 levels

2040  
**75%**  
below  
2005 levels

2050  
**>80%**  
below  
2005 levels

At DTE's headquarters campus, we're doing our part to reduce waste and conserve resources.



**25%** reduction  
in water usage



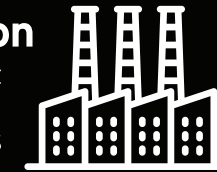
**240 tons**  
of recycled materials  
diverted from landfills



**13%** reduction  
in energy use



**\$660 million**  
in DTE electric  
infrastructure  
improvements



**Up to 70%**  
improvement in  
electric reliability  
for customers



**300 jobs**  
created or sustained in  
Michigan through **\$60 million**  
in upgrades to DTE's gas  
infrastructure



# progress

Economic growth depends on reliable, affordable, sustainable energy. DTE is continually improving its energy infrastructure to ensure an increasingly resilient power grid. This constant modernization creates jobs and fuels statewide economic development. From working alongside Michigan contractors and suppliers on system upgrades to helping train youth and young adults in skilled trades, every DTE investment drives economic development for a brighter future.

DTE's electric infrastructure upgrades in 2017 produced a 30 percent improvement in all-weather customer outage minutes and a 20 percent reduction in the likelihood of a major multi-day outage due to equipment failure. We're also implementing a multi-year gas infrastructure improvement program to replace more than 1,400 miles of gas pipelines by the end of 2023. Last year, DTE replaced more than 170 miles of gas lines in Washtenaw and Wayne counties, Grand Rapids and Muskegon. The work improved gas mains, upgraded gas meters and relocated meters to building exteriors. We then restored streets, sidewalks, driveways, and lawns where the work occurred. We coordinate with local communities to schedule gas line replacements along with other work on roads or sewers to minimize disruption. DTE's 2017 gas upgrades employed more than 300 people directly and through Michigan-based businesses.



As a part of its stakeholder engagement efforts, NEXUS partners with communities located along the pipeline route in Ohio and Michigan to support programs in education, workforce development, community vitality and environmental stewardship.



**\$80 million**  
investment on tree trimming across  
**31,000 miles** of overhead power lines  
over the next five years



Learn more at [DTEImpact.com](http://DTEImpact.com)



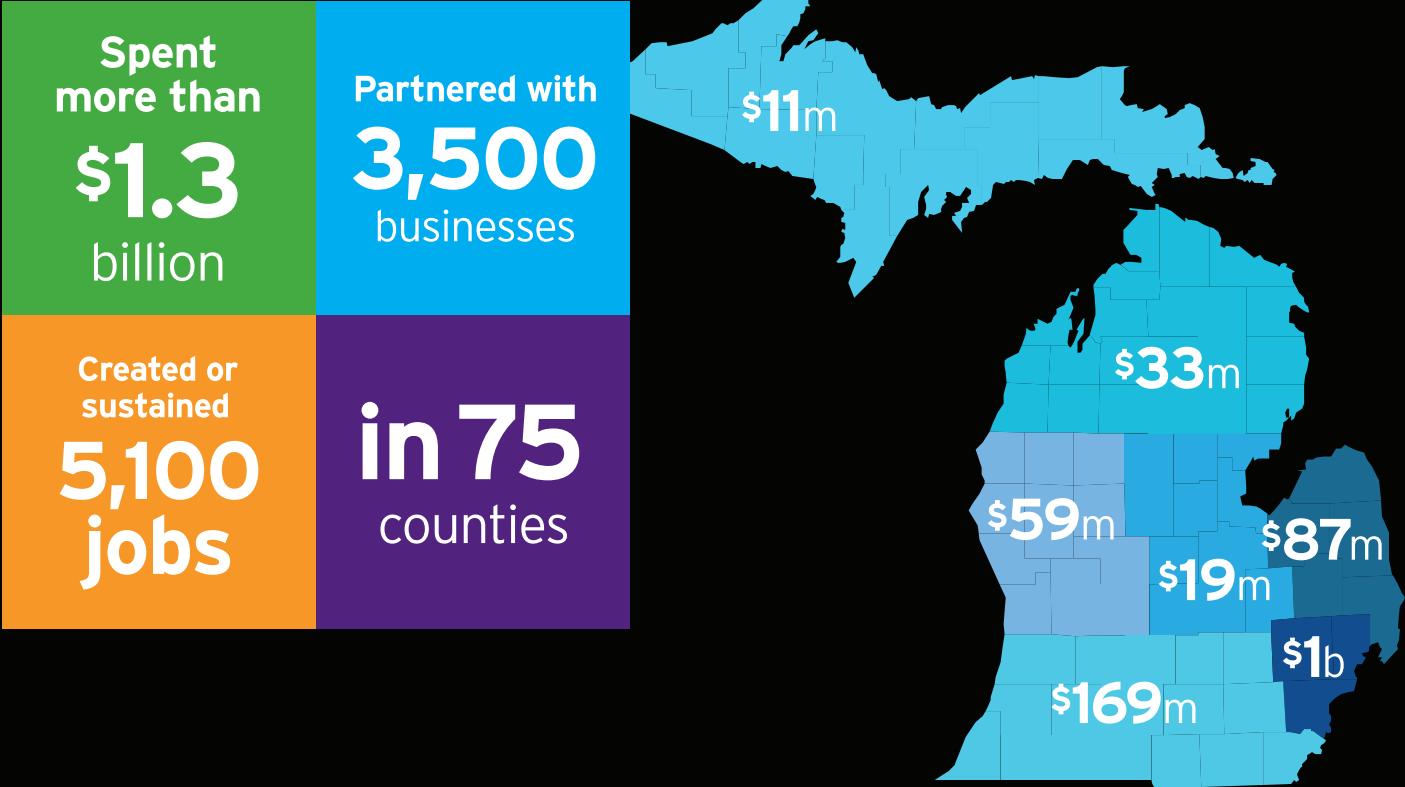
# progress

Amid the deepening recession several years ago, DTE refocused its purchasing practices to target Michigan-based businesses. More than 70 percent of DTE's purchasing dollars now go to Michigan businesses, achieved without compromising cost or quality. A nationwide leader in supplier diversity, DTE is emphasizing the importance of contracting with veteran- and minority-owned firms. Last year, we spent \$441 million with diverse partners and captured six industry-wide awards for efforts to diversify our supplier base.

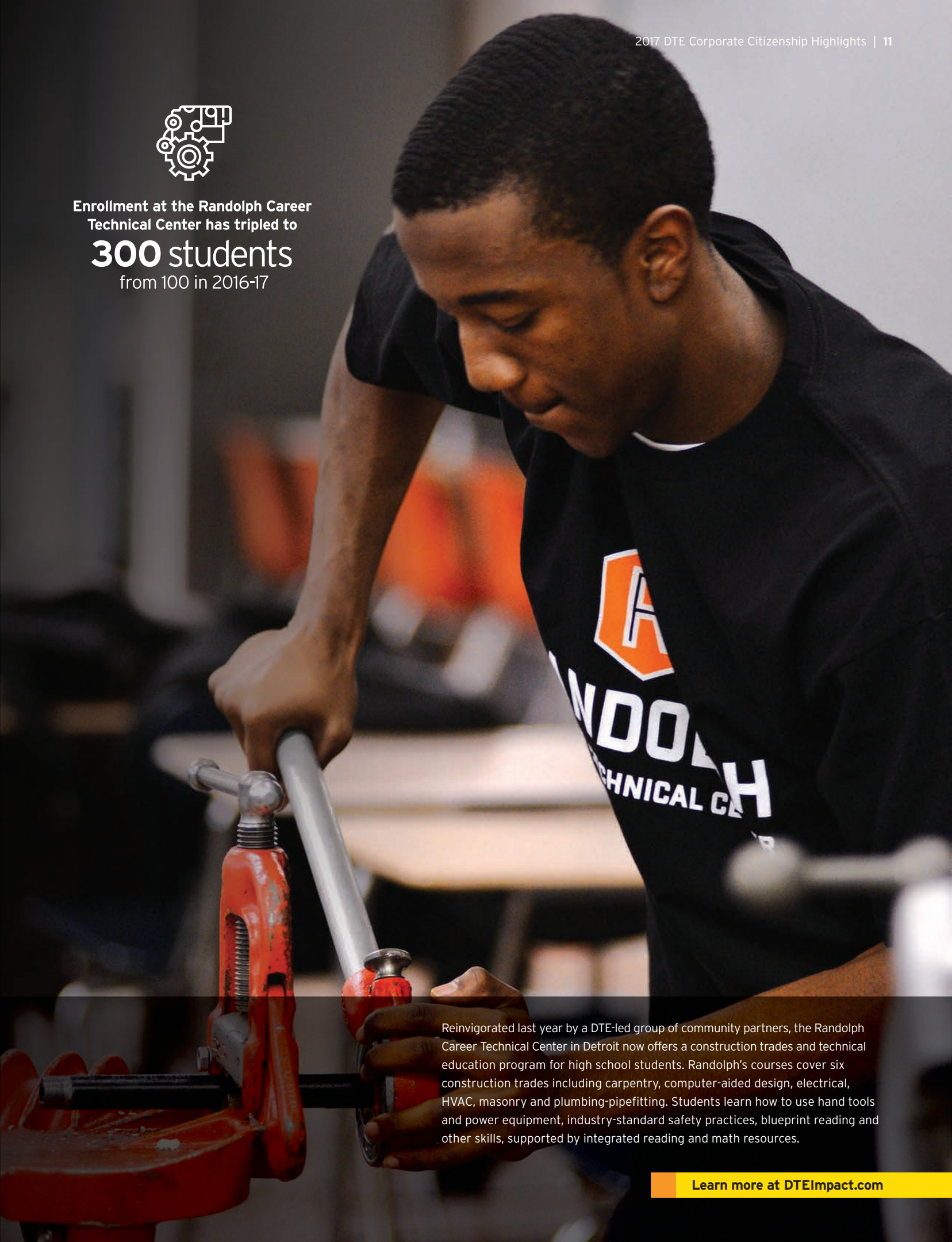
More than half of Detroit's working-age population is unemployed. Meanwhile, more than 3,000 jobs open annually in area construction and manufacturing. The DTE Energy Foundation has invested over \$2.5 million in a talent-to-trades pipeline, which includes the Randolph Career Technical Center in Detroit. In 2017, DTE and community partners refurbished the school and relaunched its skilled trades curriculum. DTE also infused Randolph with 1,800 hours of in-kind support, including company employees serving as volunteer teachers.

Beyond funding workforce development programs to equip youth and adults with the skills and experience they need to land well-paying jobs, DTE is active in shaping public policy to address overarching issues like transportation barriers to help people get to jobs.

## Supporting Michigan-based Suppliers in 2017



Enrollment at the Randolph Career Technical Center has tripled to **300** students from 100 in 2016-17



Reinvigorated last year by a DTE-led group of community partners, the Randolph Career Technical Center in Detroit now offers a construction trades and technical education program for high school students. Randolph's courses cover six construction trades including carpentry, computer-aided design, electrical, HVAC, masonry and plumbing-pipefitting. Students learn how to use hand tools and power equipment, industry-standard safety practices, blueprint reading and other skills, supported by integrated reading and math resources.



# philanthropy

Among the state’s largest foundations committed to Michigan-focused giving, the DTE Energy Foundation partners with nonprofit organizations to advance environmental stewardship, support arts and culture, provide families with basic needs, transform communities, drive economic progress and further education and employment initiatives that strengthen the middle class. Last year, the Foundation awarded 270 grants to support community service and activities throughout the state.



## Arts and Culture

The Foundation supports arts and cultural institutions and events that anchor vibrant and diverse communities, leading to talent retention and attraction, economic progress, and community transformation. Bringing the beauty of art, creativity and ingenuity to Michigan residents, the DTE Energy Foundation last year supported community concerts by the Detroit Symphony Orchestra in Southeast Michigan and ensured field trips to the Michigan Science Center were available to students at every public school in Detroit. The Foundation continued its longtime support of ArtPrize in Grand Rapids, the world’s largest annual public art event which attracted more than 500,000 visitors.

## Human Needs

Serving otherwise unmet needs for our most vulnerable residents, Foundation grants last year backed efforts in several Michigan counties to provide basic needs including shelter and food. Gleaners Community Food Bank, Forgotten Harvest and The Salvation Army were among numerous organizations receiving grants. Nourishing children in West Michigan to be their best, the Grand Rapids-based Kids’ Food Basket received a commitment from the Foundation to more than double the number of suppers served to area children in need.

## Community Transformation

Supporting nonprofits working for safe, attractive and walkable communities to catalyze economic growth and job opportunities, the Foundation supported programming at Beacon Park, Detroit’s newest public space. Opened in 2017, Beacon Park has attracted more than 240,000 visitors to free events including live music, movie screenings, food truck rallies and other activities. Now surrounded by building renovations and restaurant openings, Beacon Park has accelerated redevelopment in Detroit’s west downtown area.



## Economic Progress

Committed to helping communities attract, retain and expand businesses, in 2017 the Foundation supported 165 festivals and events throughout Michigan, funding celebrations that brought people together and sparked local economic activity. The Foundation also provided grants to economic development organizations including The Right Place, which supports business growth in West Michigan; Ann Arbor SPARK, focused on attracting high-tech and innovative business development; and the Detroit Economic Growth Association, working to create jobs as well as commercial and industrial growth.

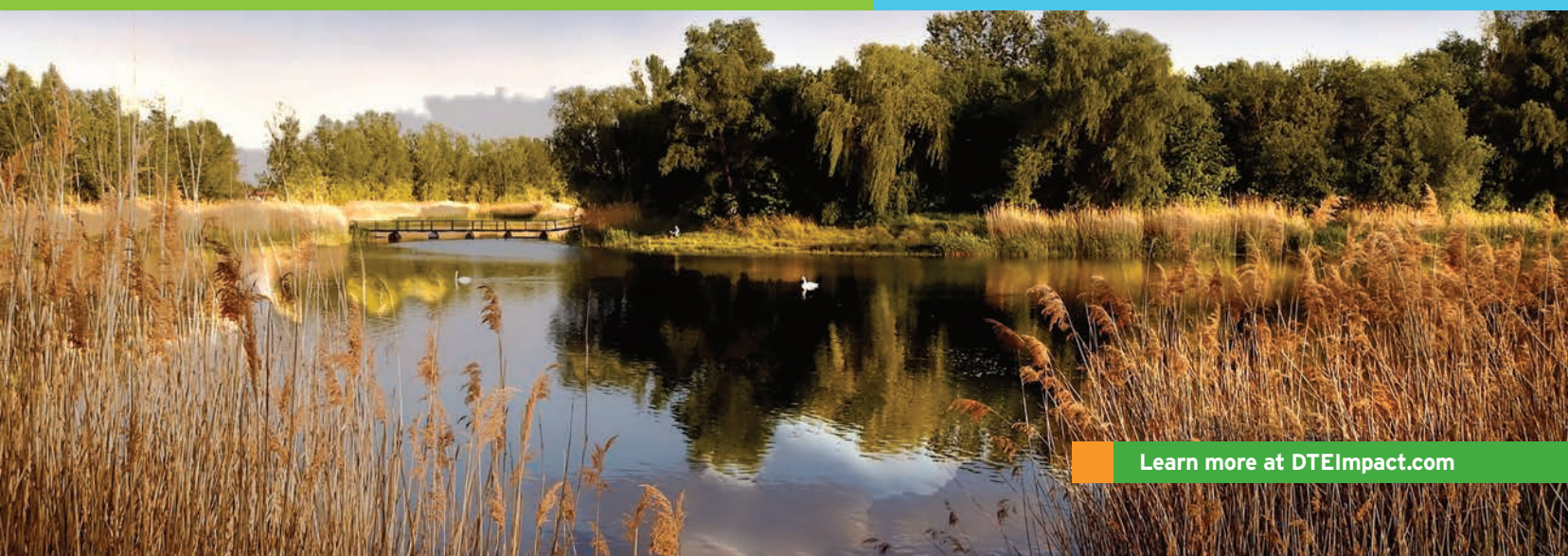
## Education and Employment

The Foundation supported inventive workforce development and job opportunity programs for disadvantaged youth and adults, veterans, the differently-abled and other challenged community members. From Muskegon to Detroit, Foundation grants in 2017 helped youth and adults learn job skills in the classroom and in the real world. The Foundation partnered with nonprofits to support 650 summer jobs for young people as well as adult job training programs. A Foundation grant to Detroit’s Randolph Career Technical Center helped the school triple its enrollment of high school students learning skilled trades. Another Foundation grant enabled Greening of Detroit to provide summer jobs in urban forestry for Detroit high school students.



## Environment

Nurturing environmental and sustainability leadership with an emphasis on wildlife, air, water quality and recycling, last year the Foundation awarded its largest environmental grant to support work by The Nature Conservancy along the state’s Lake Erie and Lake Michigan shorelines. The grant is also enhancing green infrastructure improvements to mitigate storm water runoff into the Detroit River. Foundation sponsorship diverted more than 40 tons of waste from landfills through recycling efforts at Traverse City’s National Cherry Festival, Detroit’s Jazz Festival and GRandJazzFest in Grand Rapids, and the Lakeshore Art Festival in Muskegon.







Learn more at [DTEImpact.com](https://www.dteenergy.com/impact)

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