

RANK

66/100



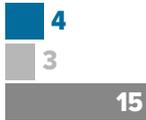
OVERALL SCORE

21/100

RECOMMENDATIONS

- Adopt location-efficient zoning codes that apply to the entire city.
- Employ equitable community engagement practices in planning clean energy initiatives.
- Establish and track metrics related to energy equity.
- Support clean, distributed energy resources and integrate equity in distributed energy resource planning.
- Adopt solar- and EV-ready requirements in building codes.
- Create a sustainable transportation plan.

COMMUNITY-WIDE INITIATIVES



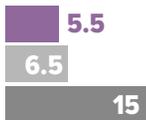
BUILDINGS POLICIES



TRANSPORTATION POLICIES



ENERGY AND WATER UTILITIES



LOCAL GOVERNMENT OPERATIONS

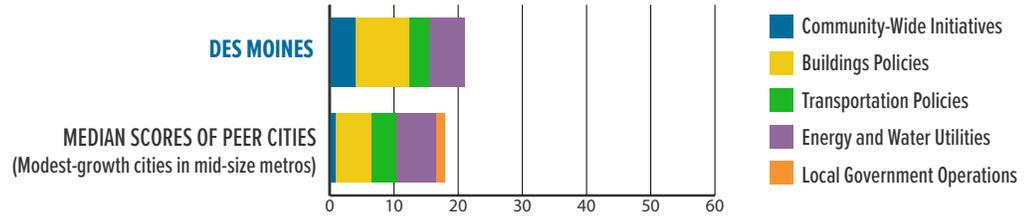


2021 CITY CLEAN ENERGY SCORECARD

DES MOINES, IA

Des Moines performed best in energy and water utilities and fell in the rankings from the previous *Scorecard*. The city has room for improvement, particularly in local government operations. To increase its score, it can establish climate and energy goals for the local government, reduce energy waste in government buildings, and encourage more utility-scale and distributed renewable energy generation.

HOW DOES DES MOINES STACK UP TO PEER CITIES?



COMMUNITY-WIDE INITIATIVES (4 OF 15 POINTS)

Des Moines's climate change mitigation and renewable energy goals set the vision for a clean energy future. ACEEE was unable to project if the city will achieve its community-wide GHG emissions reduction goal of 28% below 2017 levels by 2025 because insufficient emissions data were available for our analysis. To inspire future clean energy efforts, the city can take an equity-driven approach to clean energy planning and adopt a formal policy, rule, or agreement that supports the creation of community solar and the integration of emissions-reducing technology in distributed energy systems within the community.

BUILDINGS POLICIES (8.5 OF 30 POINTS)

Des Moines requires all residential and commercial buildings to comply with the 2015 International Energy Conservation Code with stringent local amendments. We could not find information on whether the city has adopted solar ordinances or policies requiring buildings to include EV charging infrastructure or be EV ready. Des Moines does not have programs committed to developing a dedicated energy efficiency or renewable energy workforce. To achieve energy reductions in existing buildings, the city requires benchmarking for commercial and multifamily buildings.

TRANSPORTATION POLICIES (3 OF 30 POINTS)

Des Moines has few initiatives to reduce GHG emissions and energy use in the transportation sector. Of low-income households the city, 0% have access to high-quality transit. With only 5.1 per 100,000 people, it has a very low number of EV charging station ports available for public use. Des Moines has neither a sustainable freight transportation plan in place nor any policies that address freight efficiency, nor has it codified VMT or transportation-related GHG reduction targets. Transportation entities that serve Toledo have received roughly \$75.59 per capita on average in local transit funding annually between 2015 and 2019, a low funding level.

ENERGY AND WATER UTILITIES (5.5 OF 15 POINTS)

Compared to other utilities, MidAmerican Energy shows low savings as a percentage of sales for both electric and natural gas efficiency programs. The utility offers a portfolio of low-income energy efficiency programs, including comprehensive programs, as well as a comprehensive multifamily program. While the city's GHG inventory includes energy use data, Des Moines does not advocate for better ratepayer access to utility data or the establishment of data-sharing agreements between the city and its utilities. Currently, MidAmerican Energy does not have an official GHG reduction goal.

LOCAL GOVERNMENT OPERATIONS (0 OF 10 POINTS)

Des Moines has few initiatives to reduce GHG emissions and energy use in local government operations, and has not established specific goals for GHG emissions reductions for municipal operations. We were unable to find information indicating that the city has an efficient fleet procurement or outdoor lighting policy or has converted streetlights to LEDs. Des Moines has installed two renewable energy systems on municipal facilities but has not established inclusive procurement policies or developed a comprehensive retrofit strategy.