



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Michigan Energy Priorities

**Robert Jackson**  
**Energy Ombudsman**

Midwest Energy Solutions Conference

Feb 2, 2023

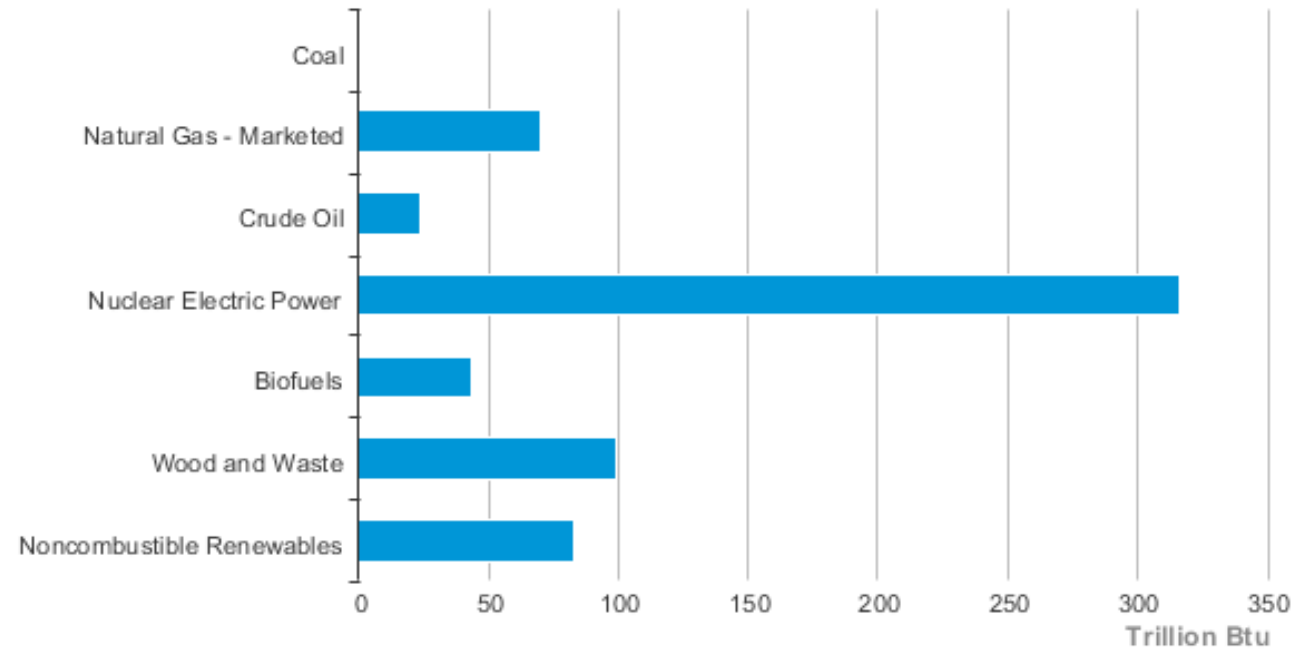
## Energy Policy and Priorities

### Achieve 100% carbon neutrality by 2050 and position Michigan as a global leader in addressing climate change – MI Healthy Climate Plan

- Critical Emission Reduction Policies and Drivers
- A clean electricity standard that requires 60 percent of energy production by 2030 to come from clean sources like wind, solar, and nuclear.
- Phasing out of coal-fired plants by 2030.
- Building electrification by setting a sales standard that requires 21 percent of all new appliance sales to be electric by 2030 and increasing building efficiency in new buildings by 20 percent.
- Incentivize the purchase of EVs and targeting an EV sales goal of at least 50 percent for light-duty passenger vehicles and at least 30 percent for heavy-duty EVs — both by 2030.
- Ensure all Michiganders have access to clean, reliable, and affordable energy.

# Energy Generation

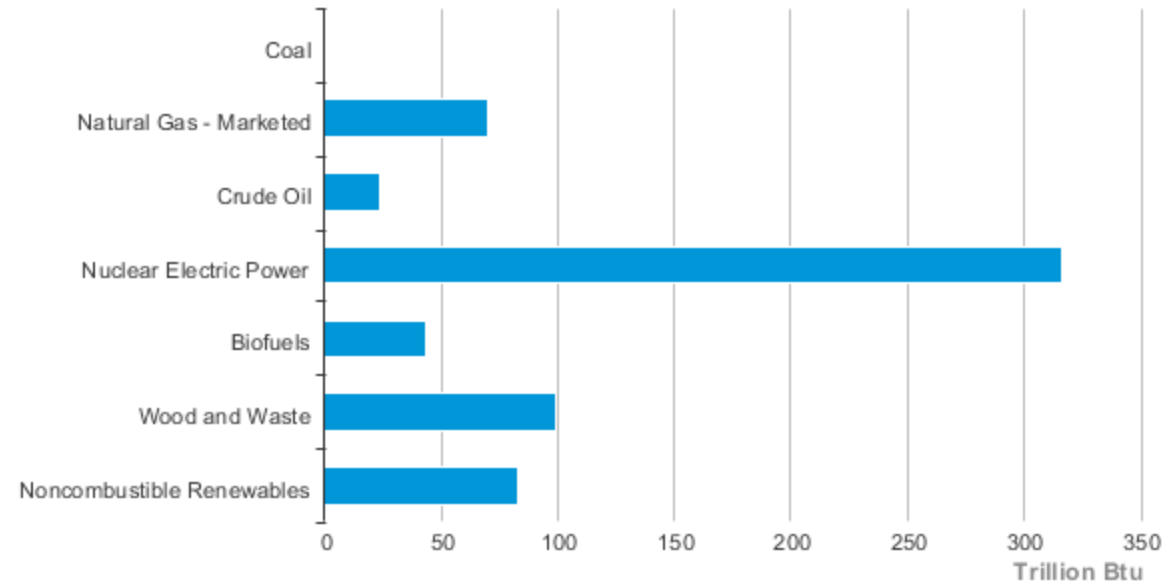
## Michigan Energy Production Estimates, 2020



Source: Energy Information Administration, State Energy Data System

# Energy Production

Michigan Energy Production Estimates, 2020



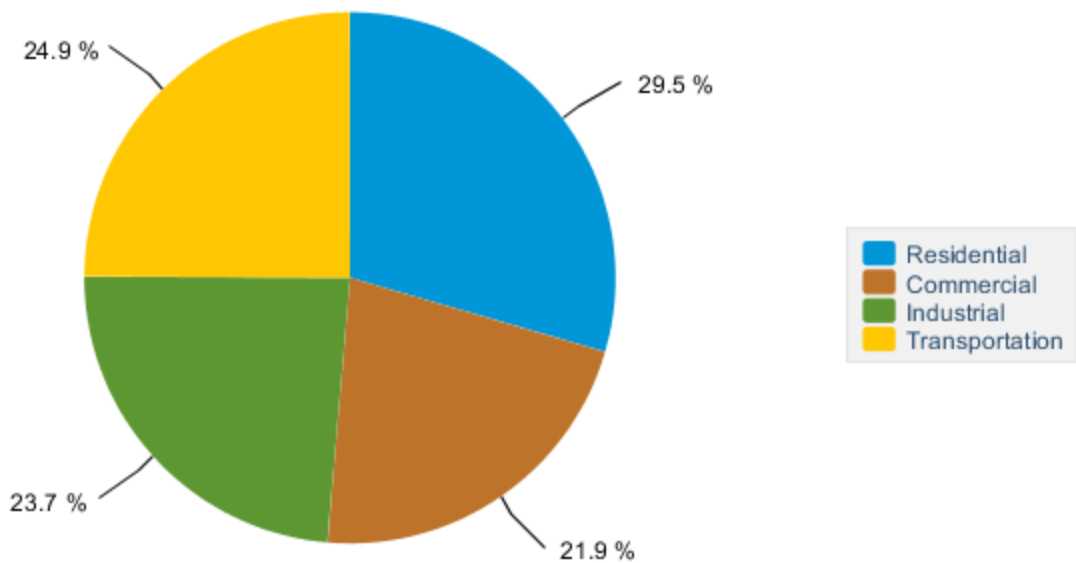
 Source: Energy Information Administration, State Energy Data System

## Energy efficiency programs/investment

- Utility Energy Waste Reduction Programs
- Weatherization Assistance Program (Residential)
- Low-income Home Energy Assistance Program (LIHEAP)
- State Energy Program (Residential/Commercial)
- Energy Efficiency and Conservation Block Grant Program
- Energy Efficiency Revolving Loan Program
- National Electric Vehicle Infrastructure Program
- Energy Codes
- Sustainability
- Grid Resiliency Programs (40101d and 40103)

# Key Industries

Michigan Energy Consumption by End-Use Sector, 2020



 Source: Energy Information Administration, State Energy Data System

# Building an Inclusive Workforce

- Environmental Justice/Justice 40
- Clean Manufacturing Job (Workforce Development)
- Building Operator Training
- Students as a Resource - HBCU/TCU/HIS
- Removing Barriers to Clean Energy Jobs