



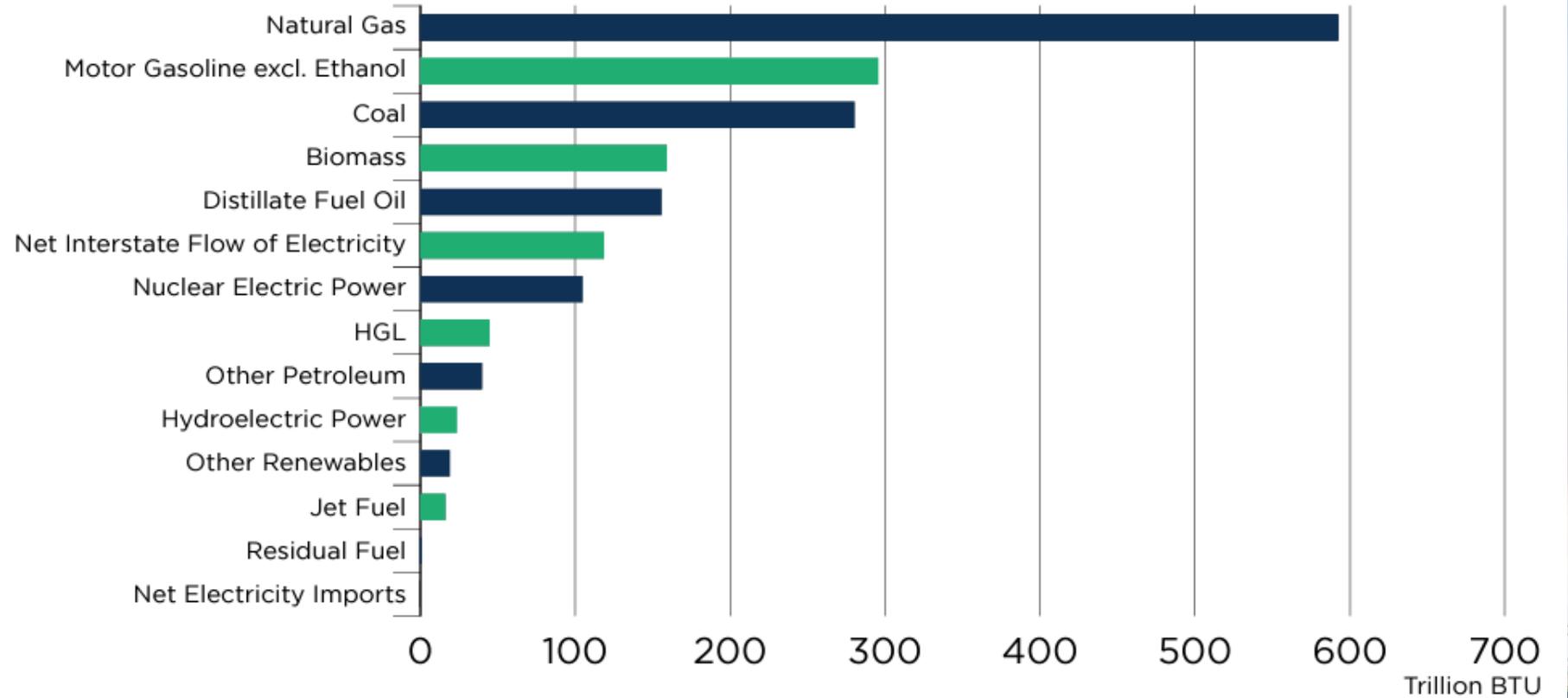
WISCONSIN OFFICE OF
**Sustainability
& Clean Energy**



Wisconsin's Clean Energy Plan

Approaches to the Clean Energy Transition

Wisconsin Energy Consumption Estimates 2019



Cost of Inaction

- **Climate Impacts** – extreme weather events, extreme heat, resilience
- **Health Impacts** – especially communities disproportionately impacted by climate change
- **Energy Spending** - deficit of \$14.4 billion
 - Net Energy Importer
 - No substantial in-state fossil fuel resources, coupled with a strong reliance on fossil fuel
- **Workforce** - Missed opportunities for many more, good-paying jobs



Wisconsin's Clean Energy Plan

Values: justice, equity, and collective action

- Accelerate clean energy technology deployment
- Maximize energy efficiency
- Modernize buildings and industry
- Innovate transportation



Full report at OSCE.wi.gov

- *Prioritizing healthy equity, environmental justice & equitable economic development*
- *Fasttracking workforce development & just transition*
- *Accelerating government led efforts (lead by example)*



Clean Energy Plan: Ongoing Engagement

State Agencies: DOA, DNR, DATCP, DOT, DSPS, PSCW, DHS, DWD, DOC, Tourism, WEDC, WHEDA, DVA, UW System

Native Nations

Federal & Local Governments

Low-Income/Frontline Communities

NGOs (Environmental, Energy)

Labor and Trades

Tech Colleges

Utilities (IOUs, Coops, Municipal)

Sector Representatives

Industrial

Transportation

Building

Residential

Ag

Tech Companies

Foundations

Just Transition Advocates

Consumer Advocates



Strategy Highlights

- **Launch an Equity First Program**
- **Launch a systematic approach to clean energy workforce development, employ WI workers and businesses**
- **Increase public/private sector investment in the deployment of clean energy in WI**
- **Strengthen energy efficiency standards and goals - Focus on Energy**
- **Fast-track opportunities in buildings & industry - Building Codes**
- **Accelerate electric vehicle adoption**
- **Accelerate government -led efforts**



What's Next?

Process:

- Release, Review, React
- Living document and process
- Work Plan for Implementation
- Measurement and Verification
- Make Room for adjustments
- Meetings, Online Comments



Resources & Action:

- Community/Business/Local Engagement and Action
- Agency/Executive Action - Advisory Councils, Establishment of Office of Environmental Justice, Public Service Commission Roadmap to Zero Docket
- Alignment with Federal Action – Bipartisan Infrastructure Law, Inflation Reduction Act
- Next 2023-2024 legislative session
- Biennial Budget 2023-2025

CONTACT INFORMATION



WISCONSIN OFFICE OF
Sustainability
& Clean Energy

Maria Redmond, Director
Wisconsin Office of Sustainability & Clean Energy

P: (608) 267-2713

C: (608) 235-3291

Web: OSCE.wi.gov

Email: osce@wisconsin.gov



Additional Resources



SEC Environmental Disclosure

Helpful Summary - <https://www2.deloitte.com/us/en/pages/audit/articles/sec-climate-disclosure-guidance.html>

SEC Fact Sheet - <https://www.sec.gov/files/33-11042-fact-sheet.pdf>

Helpful BIL/IRA Resources

Federal

- BIL Guidebook - <https://www.whitehouse.gov/build/>
- IRA Guidebook - <https://www.whitehouse.gov/cleanenergy/inflation-reduction-act-guidebook/>

Wisconsin

- WEDC Rural Prosperity - BIL Help Page (includes grant writing resources) <https://ruralwi.com/bipartisan-infrastructure-law/>
- OEI Federal Funding Page - <https://psc.wi.gov/Pages/ServiceType/OEI/FederalFunding.aspx>
- OEI Technical Assistance Page - <https://psc.wi.gov/Pages/ServiceType/OEI/TechnicalAssistance.aspx>
- RENEW Wisconsin - <https://www.renewwisconsin.org/inflation-reduction-act-breakdown/>
- Wins for Wisconsin in the IRA - <https://collaborative.evergreenaction.com/fact-sheets/The-Inflation-Reduction-Act-and-Wisconsin.pdf>

Other Resources

- REPEAT Project – section-by-section breakdown of both the Bipartisan Infrastructure Law and Inflation Reduction Act provided by Princeton University Zero-carbon Energy Systems Research and Optimization Laboratory - <https://docs.google.com/spreadsheets/d/1X2PORZp5JzP2yWbdUSbXphEIIGPEOIJNI-T12gz7n1s/edit#gid=313301748>

Snapshot of Inflation Reduction Act Provisions

- Clean Fuels Production – extension of credits for clean fuels (biodiesel, renewable diesel, alternative fuels, second gen biofuels), NEW tech neutral tax credit for clean fuel production based on emission profile
- NEW EV Tax Credit – up to \$7,500 , must meet production requirements (North America, Minerals), cost limits, income requirements, no limit per manufacturer
- Used EV Tax Credit - \$4,000 tax credit or 30% of the vehicle's sale price. – at least two years old, cost limit, income requirements
- Alternative Fuel Refueling – up to \$100,000, for electric in qualified census tract, bonus credits for prevailing wage and apprenticeship requirements
- Biofuel Infrastructure and Agriculture Product Market Expansion – competitive grants for infrastructure related to fuel containing ethanol blends >10% or fuel containing biodiesel blends >20% infrastructure

Snapshot of Inflation Reduction Act Provisions

- Battery Storage - 30% investment tax credit for the cost of installation, sliding scale baseline of 6% with increasing credits for prevailing wage, labor, location, etc., stand-alone credit
- Clean Hydrogen – production for green and blue hydrogen , used to offset
- Sustainable Aviation Fuel – credits for production by unit (gallon), increasing credits with increased GHG reductions
- Methane Fees – fees imposed by EPA for facilities that emit more than 25,000 metric tons of CO₂ annually.

Snapshot of Inflation Reduction Act Provisions

- Direct pay eligible for following credits for nonprofits, state local government or political subdivisions, and Tribes, :
 - Alternative fuel vehicle refueling property credit (30C)
 - Renewable electricity production tax credit, PTC (45)
 - Carbon oxide sequestration credit (45Q)
 - Zero emission nuclear power production credit (45U)
 - Clean hydrogen production credit (45V)
 - Commercial clean vehicle credit (45W)
 - Advanced manufacturing production credit (45X)
 - Clean electricity production tax credit, tech-neutral PTC (45Y)
 - Clean fuel production credit (45Z)
 - Energy investment tax credit, ITC (48)
 - Advanced energy project manufacturing investment tax credit (48C)
 - Clean electricity investment tax credit, tech-neutral ITC (48D)