



BLUEGREEN
ALLIANCE



- **Intros**
- **What is BGA and who is Kate?**
- **BGA work in Montana**
- **Federal funding - BIL & IRA**
- **Questions for MREA**



Intros

Kate French

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BlueGreen Alliance

- BGA unites labor unions and environmental organizations to solve today's environmental challenges in ways that create and maintain quality jobs and build a clean, thriving, and equitable economy.
- Creating Good Jobs, a Clean Environment, and a Fair and Thriving Economy
- Offices: Minneapolis and Washington DC
- Founded in 2006

State Tables

- | | |
|--------------|--------------|
| ● California | ● Nevada |
| ● Colorado | ● Ohio |
| ● Iowa | ● Oregon |
| ● Michigan | ● Washington |
| ● Minnesota | ● Wisconsin |

BGA Partners - National Board of Directors

- United Steelworkers (USW)
- Sierra Club
- Natural Resources Defense Council (NRDC)
- Service Employees International Union (SEIU)
- National Wildlife Federation (NWF)
- Utility Workers Union of America (UWUA)
- Union of Concerned Scientists (USC)
- United Auto Workers (UAW)

- American Federation of Teachers (AFT)
- United Association of Plumbers and Pipefitters (UA)
- Environmental Defense Action Fund (EDF)
- International Union of Bricklayers and Allied Craftworkers (BAC)
- League of Conservation Voters (LCV)
- International Union of Painters and Allied Trades (IUPAT)

BGA Docs

- [BGA National Energy Transition Policy Framework](#) - 2021
- [IRA + BIL Resource Center](#) - 2022
- [Bipartisan Infrastructure Law User Guide](#) - 2022
- [IRA User Guide](#) - 2022

BGA in Montana

- Engage labor and enviros to make sure federal investments create good jobs and benefit union workers, while protecting our environment
- Reflect Montana Labor interests/knowledge in federal policymaking
- Reflect Montana conservation interests / knowledge in fed policy making
- Highlight Montana projects that create good jobs for Montana workers in media
- Communicate priorities across different groups

Changing Energy Economy

- A lot of “Just Transition” work assumes workers can just switch from good, secure, highly-skilled positions to low-wage, unsafe, insecure, insufficient and unrelated jobs
- Far better is to help workers (who want to) move into similar, unionized, skilled positions at same or better wages and benefits within their home communities – on a reasonable timeline
- Recognize diverse needs within workforce and community
- Wind and Solar aren’t everything -
 - Baseload, diversity, cutting edge tech in storage and generation

Why Union Labor?

- Benefits for workers
 - Sustainable careers with more security
 - Meaningful work in local community
- Benefits for developers
 - Project quality: Under budget, on time, well-built
 - Less worker turnover
- Benefits for climate
 - More people are invested in creating a liveable planet
 - Generates more innovation

Federal Infrastructure Spending

Bipartisan Infrastructure Law

- Grid Upgrades
- Transmission Expansion
- Electric Vehicles (EVs)
- New energy generation and manufacturing facilities (hydrogen, CCUS)

Inflation Reduction Act

- Clean Energy Tax Credits
 - ITC
 - PTC
- Incentives for domestic materials,
- Manufacturing for Clean Energy
- Industrial emissions reductions (aluminum, steel, cement)

Labor, Equity, and Coal Community Provisions

- Davis Bacon / Prevailing Wage
- Domestic Content: 100% Steel and Iron, 40% components
- Registered Apprenticeship Utilization
- [Justice40](#)
- Energy transition communities

IRA - Clean Energy Tax Credits

ITC: Extended and expanded

- 6% base or 30% with labor standards
- Solar, on and off-shore wind, geothermal, storage, microgrid controllers (tech neutral after 2025)

PTC

- 0.5 cents/KWh base or 2.5 cents/KWh with labor standards
- Onshore Wind, solar, geothermal, storage (tech neutral after 2025)

Phase-down: 2032 or 25% 2022 emissions level

Labor, equity, impacted workers

- Labor Standards for Bonus Rates:
 - Prevailing Wage
 - Registered Apprenticeship
- Domestic Content: 10%
- Coal Communities: 10%
- Low Income Communities (5MW): 10% or 20%
- Direct pay for tax-exempt entities: co-ops, schools, Tribal/local/state govt's

IRA - Domestic, Clean Manufacturing

- Investment Tax Credit to Build or Re-Tool Manufacturing Facilities (48C):
 - \$10b to spur domestic manufacturing of essential clean energy and vehicle technologies
- New Clean Technology Manufacturing Production Tax Credits (45X) (PTC):
 - \$30b investment in new strategic manufacturing production tax credits to onshore, establish, and expand domestic manufacturing supply chains for critical wind, solar, batteries, and energy infrastructure technologies
- Defense Production Act for clean manufacturing
- Emission reduction investments and tax credits

IRA - Energy Transition Workers and Communities

- Energy Infrastructure Reinvestment Financing:
 - Loans to retool, repower, repurpose, or replace retired energy infrastructure
- Energy communities credits for clean energy and manufacturing tax credits
- Permanent extension of Black Lung Excise Tax
- Still Needed:
 - Direct funding support for dislocated workers
 - Additional funding for EDA

IRA - Other clean energy provisions

- \$10b for Rural renewable energy investments via USDA (co-ops, munis)
- \$40b of loan authority to Innovative Clean Energy Loan Program (LPO)
 - Solar, energy storage, transmission, and wind energy
- \$27b GHG Reduction Fund (Green Bank)
 - \$7b Clean energy in low-income, disadvantaged communities (DIC)
 - \$8b for institutions for financial or tech assistance for DIC
 - \$12b support for direct and indirect in renewable energy projects

Figure 1. Energy supply receives about half of IRA resources, with significant investments in clean manufacturing and housing (billions of dollars)

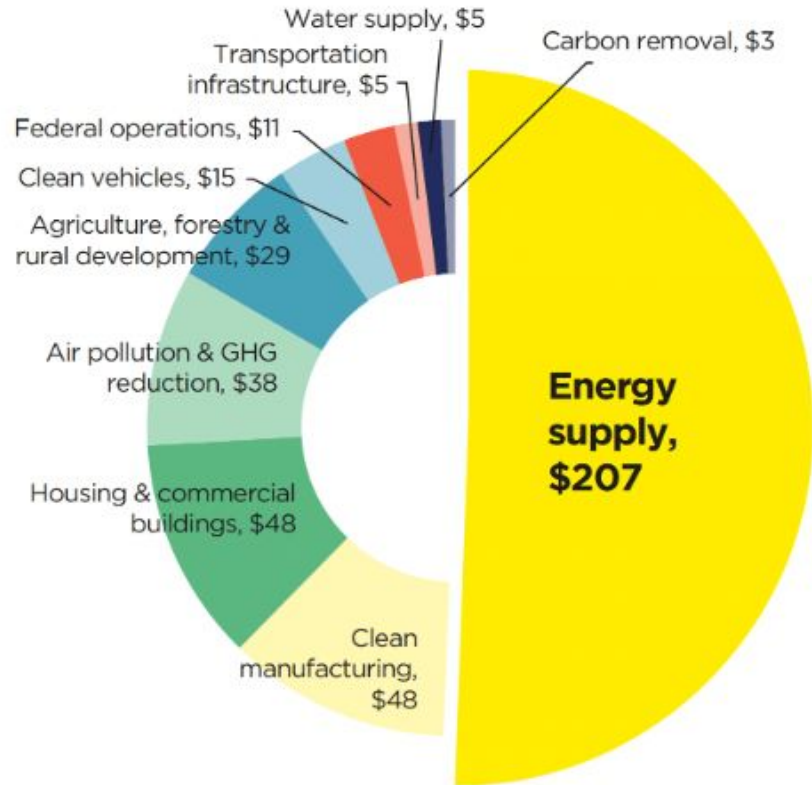
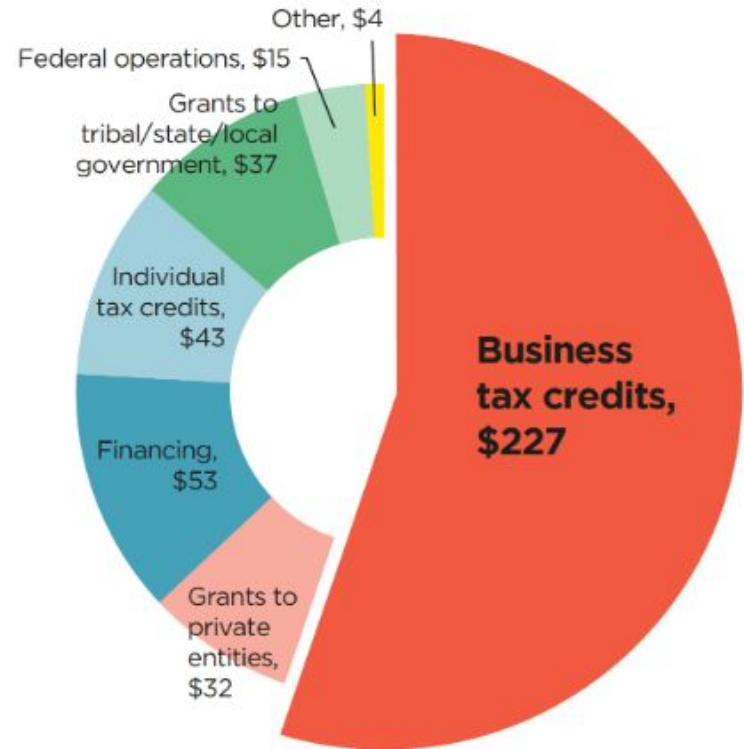


Figure 2. The largest share of IRA funding will be available as tax credits to businesses (billions of dollars)



Transmission / Grid - BIL

- ~\$7B funding coming for grid repairs and expansion of transmission lines.
- First is “Grid Hardening” funding to states for repairs to existing transmission infrastructure
- More competitive funding will be made available for states and utilities over the next year

Engagement:

- Engage with State Energy Office
- BGA coordinates with partners on recommendations and potentially outreach to utilities / state on funding opportunities
- Prep for future engagement on grid in 2023
- Aligning BGA goals and starting outreach to agencies/utilities early will be key.

Transmission / Grid

- Lots of funding coming for grid repairs and expansion of transmission lines.
- Formula Grants: “Grid Hardening” (resilience) funding to states for repairs to existing transmission infrastructure. New program for states and will be subgranted to utilities / transmission entities.
- Formula Grant: State Energy Program funds could be directed to grid infrastructure (in addition to EE). Existing program with funds for states.

- Competitive Grants: Transmission Facilitation Program will start in late 2022; \$2.5B New loan program for transmission developers with DOE as cosigner.
- Competitive Grants: SMART Grid will start in late 2022; storage and flexibility grants; \$3B New program for utilities.
- Building a Better Grid Initiative: \$20B Overall

Questions for MREA

- Do you think you'll be utilizing any of the IRA funds?
- What labor and equity provisions do you have questions about?
- Do you have questions about coal community provisions?
- How do you think IRA is going to change conditions for your business?
- Is the clean energy transmission/permitting queue causing problems for you?

THANK YOU!!

- Follow-up Docs to email out
- Happy to have follow-up discussions
 - Other meetings and presentations