



U.S. DEPARTMENT OF
ENERGY

Office of Economic
Impact and Diversity

A Community-driven Approach to an Equitable & Just Energy Future

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The United States of Energy Insecurity

Energy insecurity is the inability to adequately meet household energy needs, and includes physical, economic, and behavioral dimensions that lead to or exacerbate adverse health issues

(Hernandez, 2016)

Economic Policy

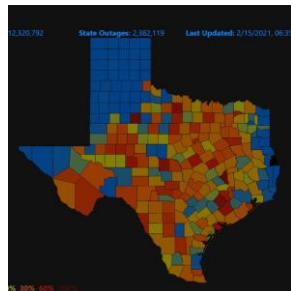
Millions of Americans risk losing power and water as massive, unpaid utility bills pile up

More than 179 million people may be at risk for shut-offs as many state protections end.



TEXAS NEWS

Texas power outages: How the largest energy-producing state in the US failed in freezing temperatures



Mother, 83, son 60, found dead in cold home on Detroit's west side; police investigate

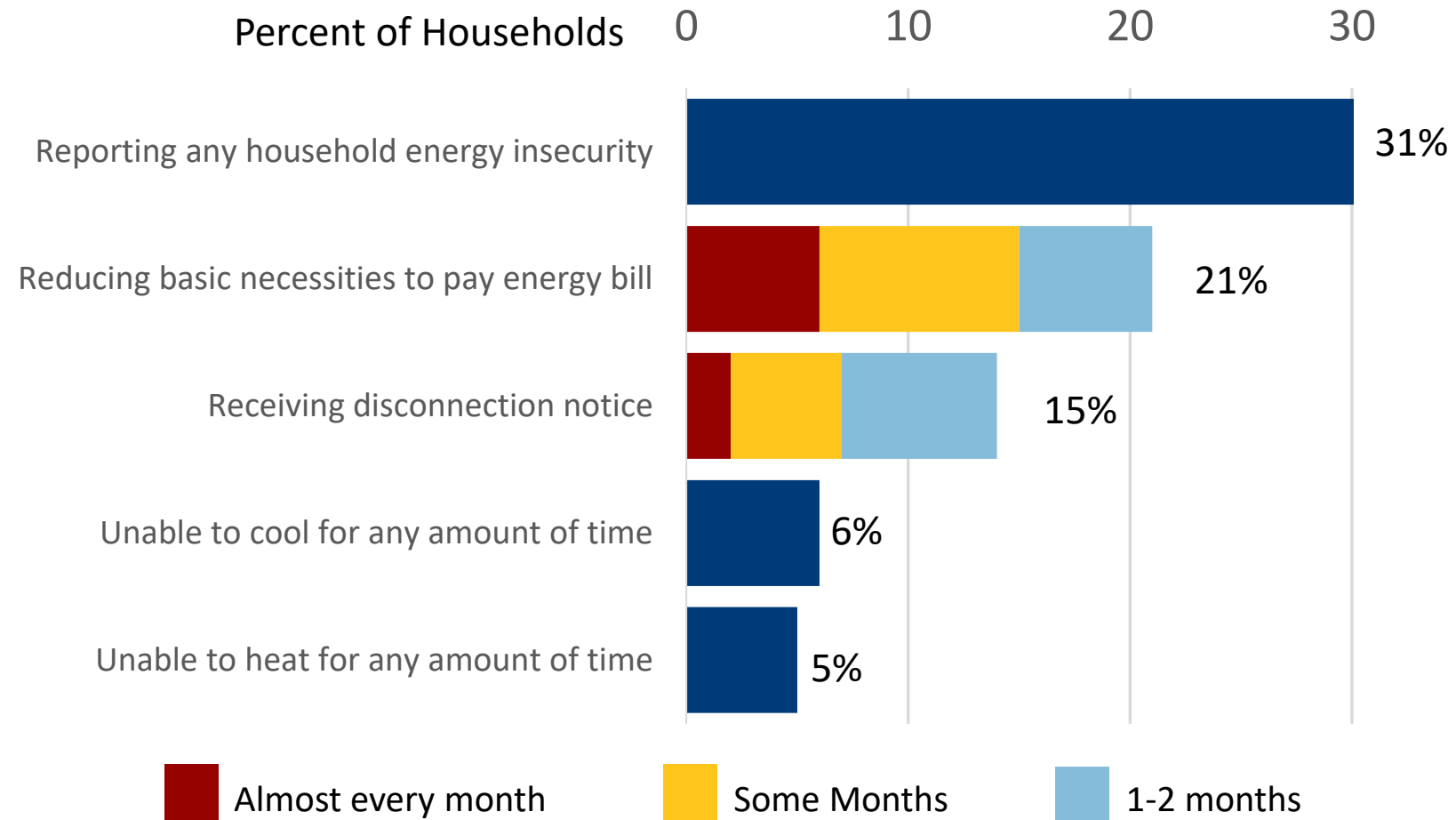
Miriam Marini Detroit Free Press

Published 5:51 p.m. ET Jan. 22, 2020 | Updated 7:26 p.m. ET Jan. 22, 2020

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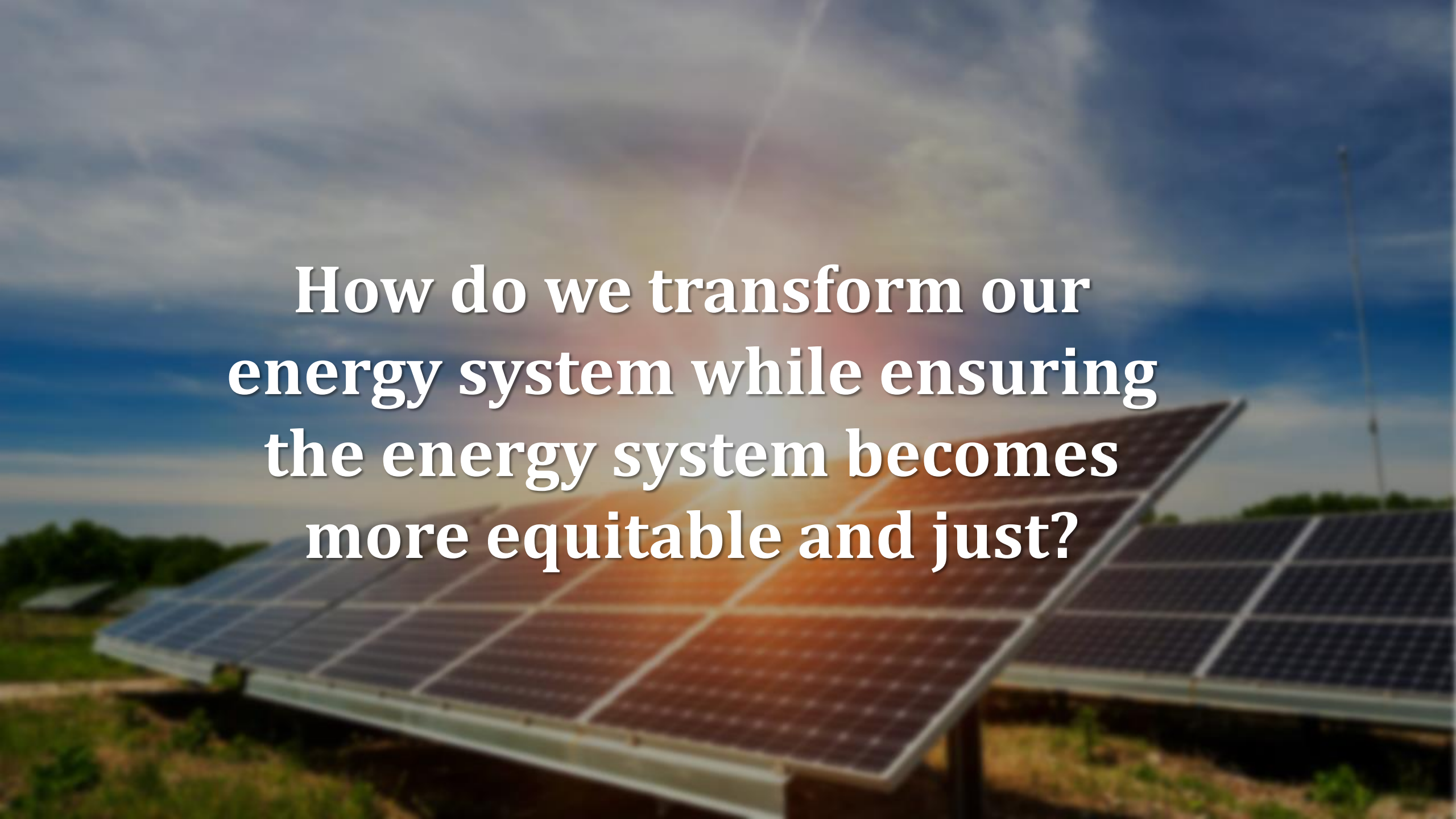


Energy insecurity and high energy costs affect nearly 1 in 3 American households



Americans spend **>\$37 billion/year** on energy costs

Over **27.8M** households are **energy burdened** (expend > 6% income on energy)

A photograph of a solar farm with rows of photovoltaic panels. The sky is blue with scattered white clouds. A bright, circular light flare is visible in the upper center of the image, partially overlapping the text. The panels are tilted and arranged in a grid pattern.

**How do we transform our
energy system while ensuring
the energy system becomes
more equitable and just?**

What is Energy Justice?

A Just Energy System—
an energy system that
fairly disseminates both
the benefits and costs
of energy services, and
one that has
representative and
impartial energy
decision-making

(Sovacool & Dworkin,
2014)





**Executive Order 14008:
Tackling the Climate
Crisis at Home and
Abroad
(1/27/21)**

- The Biden Administration is committed to securing environmental justice & spurring economic opportunity for historically marginalized and overburdened communities
- **EO 14008, Sec. 223, established the Justice 40 Initiative**
- Justice40 provides a pathway for equitable deep decarbonization that transforms and builds wealth in historically marginalized and overburdened communities

What is Justice40?

40%

of the

overall benefits

of certain

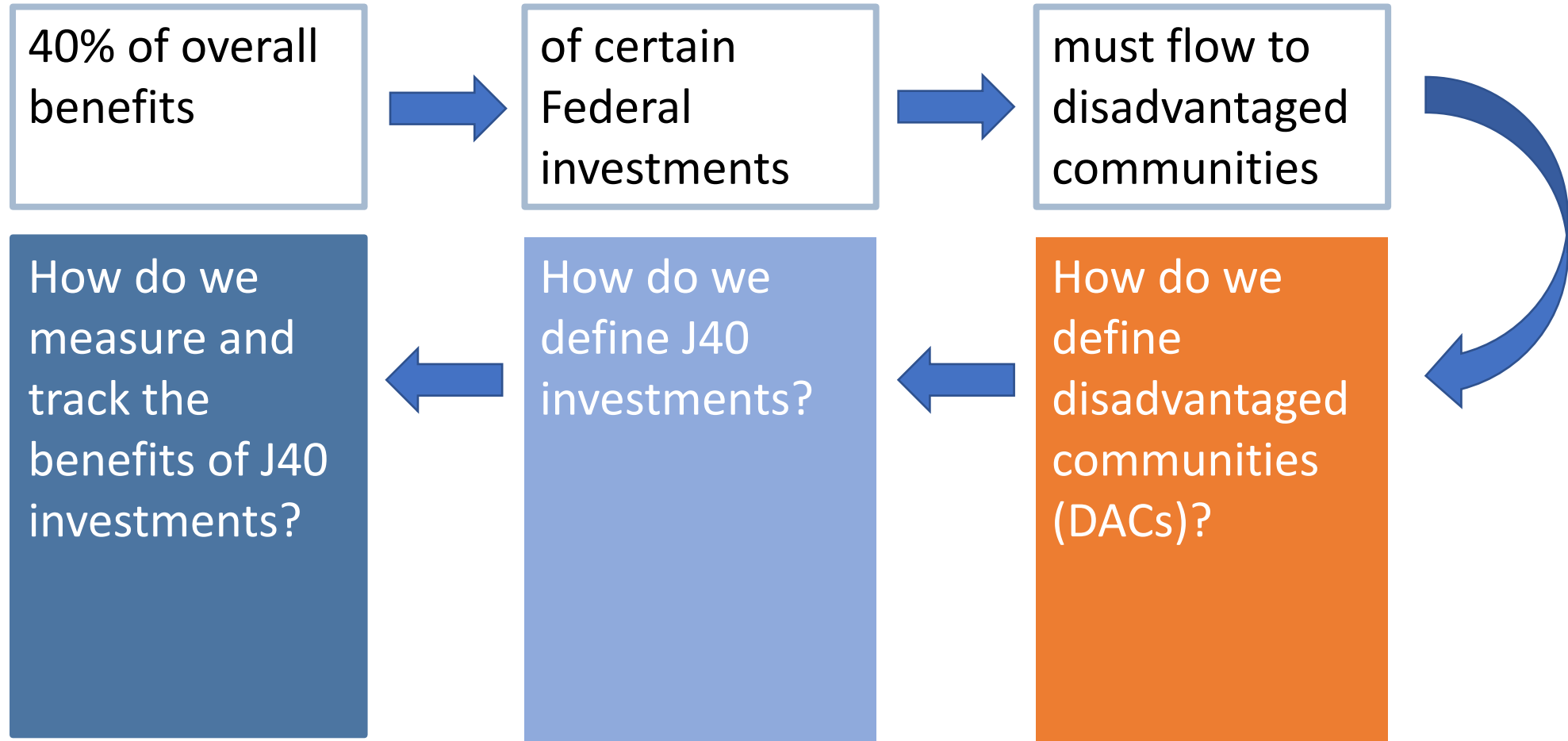
Federal investments

must flow to

disadvantaged communities



What is Justice40? In Three Buckets...



Defining Disadvantaged Communities (DACs)

- **Community-**
 - either a group of individuals living in geographic proximity to one another
 - a geographically dispersed set of individuals (such as migrant workers or the formerly incarcerated) where either type of group experiences common conditions

Defining Disadvantaged Communities (DACs)

- **Disadvantaged-**
 - Low income, high and/or persistent poverty
 - High unemployment and underemployment
 - Racial and ethnic residential segregation, particularly where the segregation stems from discrimination by government entities
 - Linguistic isolation
 - High housing cost burden and substandard housing
 - Distressed neighborhoods
 - High transportation cost burden and/or low transportation access
 - Disproportionate environmental stressor burden and high cumulative impacts
 - Limited water and sanitation access and affordability
 - **Disproportionate impacts from climate change**
 - **High energy cost burden and low energy access**
 - **Jobs lost through the energy transition**
 - Access to healthcare

What is covered in Justice40?

Covered Program

A Federal Government program that makes investments in one or more of the following seven areas:

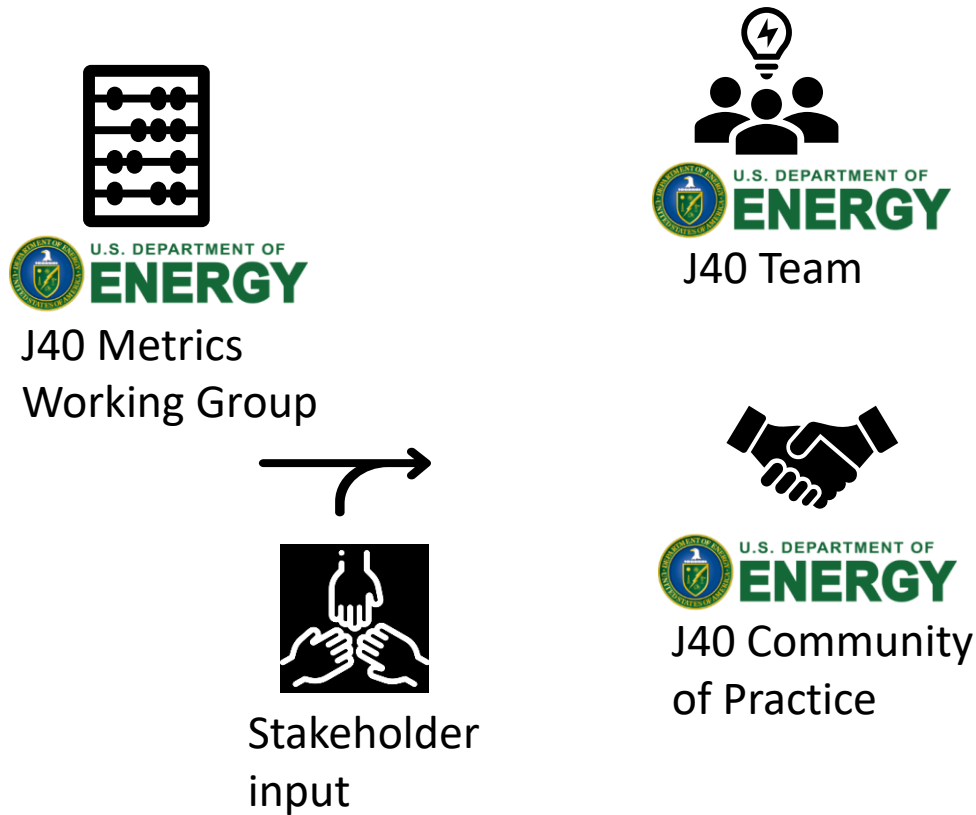
- ✓ Climate change
- ✓ Clean energy and energy efficiency
- ✓ Clean transportation
- ✓ Affordable and sustainable housing
- ✓ Training and workforce development
- ✓ Remediation and reduction of legacy pollution
- ✓ Critical clean water and waste infrastructure

Covered Investment

A Federal investment in one or more of the following categories:

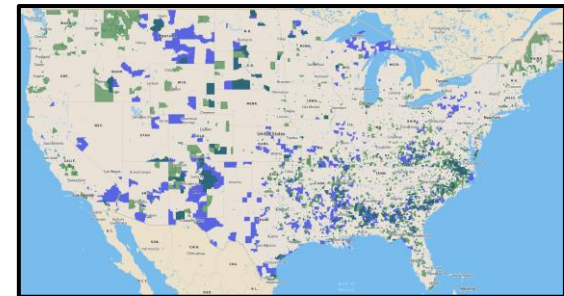
- ✓ Federal grant and procurement spending (including discretionary budget authority, direct/mandatory spending, and formula funding);
- ✓ Financing (including credit, loans, and guarantees);
- ✓ Programmatic Federal staffing costs (e.g. federal pay for staff that provide technical assistance)
- ✓ Direct financial benefits (including provision of goods and services); and
- ✓ Additional federal investments under covered programs as determined by OMB.

How are we determining how DOE will track Justice40 benefits?




DOE J40 Investments

×
Benefit Categories (# jobs, energy saved, clean energy access)



Benefits going to DACs

ALL DOE J40 Benefits

≥ 40%



DOE Justice40 Policy Priorities

- (1) Decrease **energy burden** in disadvantaged communities (DACs).
- (2) Decrease **exposure to pollutants and environmental burdens** in DACs
- (3) Increase **parity in clean energy technology access and adoption** (e.g., solar, storage) in DACs.
- (4) Increase **access to low-cost capital** in DACs.
- (5) Increase **MBE/DBE clean energy enterprise creation** in DACs.
- (6) Increase the **clean energy job pipeline and job training** for individuals from DACs.
- (7) Increase **energy resiliency** in DACs.
- (8) Increase **energy democracy** in DACs.

How Do We Get to Justice40?

A Layered, Collaborative Approach



Federal: R&D, Technical Assistance and deployment support

State and Local: Local planning, Federal \$ recipients, regulatory authority

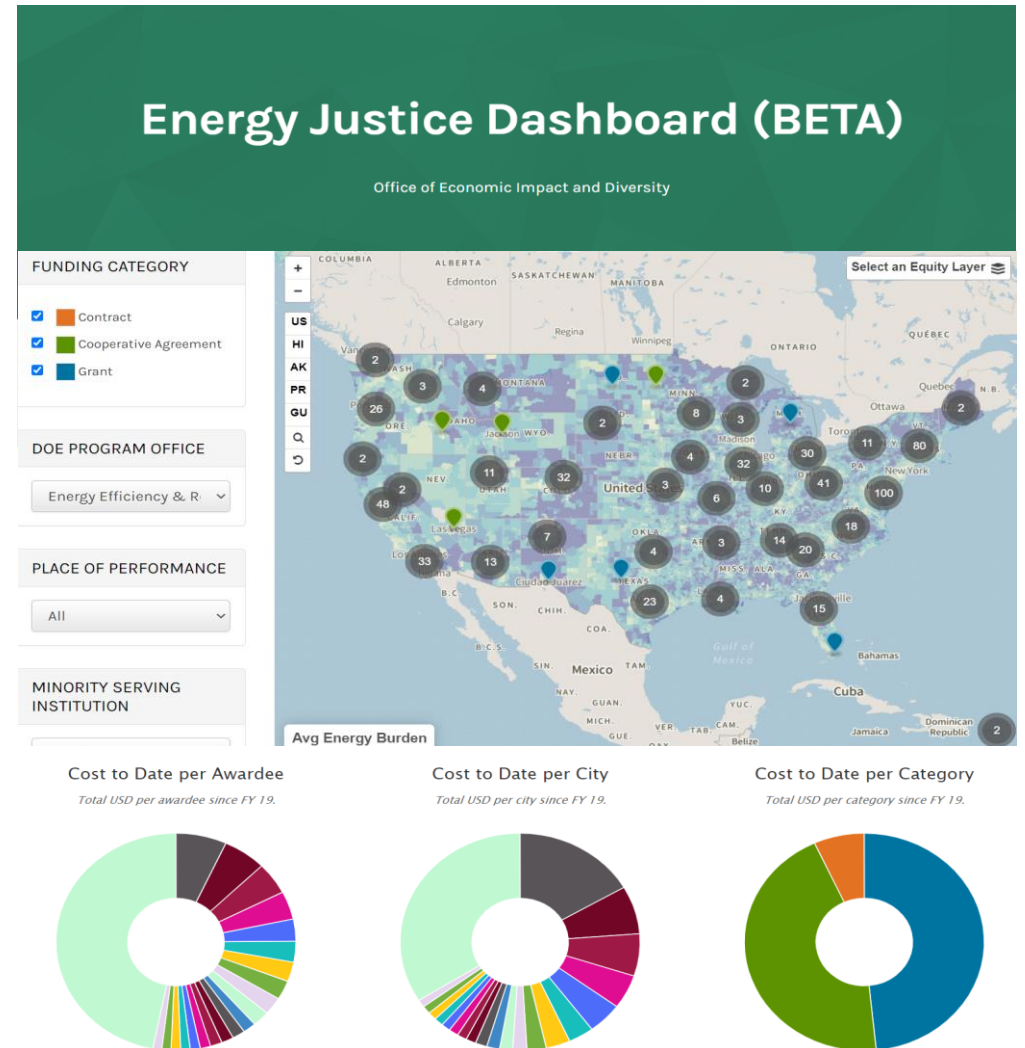
Philanthropy & Communities: Community and MBE/DBE capacity building

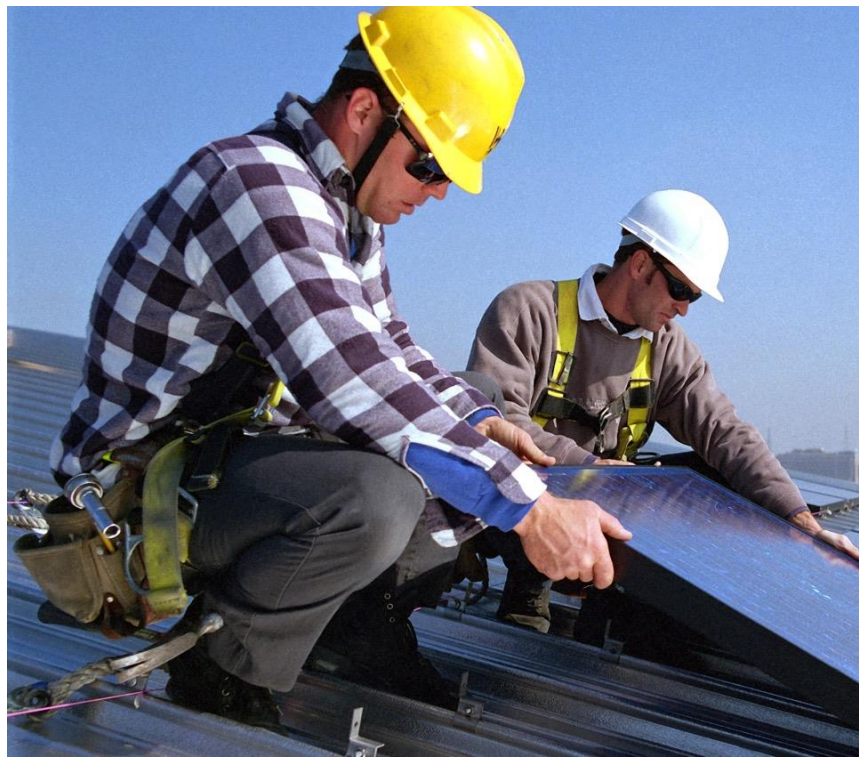
Private Sector: Unlock long-term, transformative investment

Accountability & Transparency

Energy Justice Dashboard (BETA)

A tool to measure and track DOE progress toward Justice40 and see investments in real time.





We have the tools to fight climate and injustice





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