



OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS

WASHINGTON, D.C. 20460

January 14, 2025

MEMORANDUM

SUBJECT: Technical Amendment to January 10, 2025 Nonavailability waiver of Section 70914(a) of P. L. 117-58, Build America, Buy America Act, 2021 for domestically assembled solar photovoltaic panels as applied to select recipients of Federal Financial Assistance from the U.S. Environmental Protection Agency's Office of Environmental Justice and External Civil Rights

FROM: Theresa Segovia
Principal Deputy Assistant Administrator

THERESA
SEGOVIA Digitally signed by
THERESA SEGOVIA
Date: 2025.01.14
14:18:23 -05'00'

The U.S. Environmental Protection Agency (EPA) is making a minor technical correction to clarify that the waiver was issued on January 10, 2025. The EPA inadvertently included the incorrect date at the top of the waiver. The corrected text reads: "January 10, 2025."

The January 10, 2025 waiver is attached for reference.



OFFICE OF ENVIRONMENTAL JUSTICE AND EXTERNAL CIVIL RIGHTS

WASHINGTON, D.C. 20460

January 10, 2024

MEMORANDUM

SUBJECT: Nonavailability waiver of Section 70914(a) of P. L. 117-58, Build America, Buy America Act, 2021 for domestically assembled solar photovoltaic panels as applied to select recipients of Federal Financial Assistance from the U.S. Environmental Protection Agency's Office of Environmental Justice and External Civil Rights

FROM: Theresa Segovia
Principal Deputy Assistant Administrator

**THERESA
SEGOVIA** Digitally signed by
THERESA SEGOVIA
Date: 2025.01.10
08:38:12 -05'00'

Summary

The U.S. Environmental Protection Agency (EPA) is issuing a temporary, limited nonavailability partial waiver of the manufactured product requirements of Section 70914(a) of the Build America, Buy America Act (BABA) included in the Infrastructure Investment and Jobs Act (IIJA) (Pub. L. No. 117-58) for domestically assembled solar modules used in federal financial assistance awarded for infrastructure projects by the Office of Environmental Justice and External Civil Rights (OEJECR) to specifically named entities. This waiver combines multiple project-specific nonavailability waivers into one document to reduce paperwork and support administrative efficiency. The EPA is applying this waiver to awards outlined in the Appendix.

This waiver requires domestic assembly versus a waiver of the full manufactured product requirements, which would allow assembly to occur outside the United States. This waiver is intended to provide time needed for domestic solar module manufacturing capability to meet demand for BABA-compliant solar modules by supporting and encouraging continued investments while bringing the benefits of solar power to OEJECR's financial assistance recipients.

This waiver applies on or after January 10, 2025 until December 31, 2025, for all new solar modules with Final Assembly in the United States. Solar modules where final assembly occurred outside the United States are not eligible for coverage under this waiver. "Final Assembly" means all operations involved in the transformation of individual solar cells and all other module components into a fully functional encapsulated module. For recipient expenditures to be covered by this waiver, the solar modules will need to be installed by June 30, 2026. "Installed by" means modules being permanently fastened to an outdoor support structure at the project site. This requirement only applies to solar modules covered by this waiver and has no bearing on compliance determinations for other products

nor for solar modules not covered by this waiver. For awards and amendments that otherwise meet the criteria of the waiver but were obligated prior to January 10, 2025, the waiver applies to eligible expenditures incurred on or after January 10, 2025 until December 31, 2025.

In accordance with Section 70914(b) of the BABA, the EPA is issuing this limited nonavailability partial waiver of the BABA manufactured product requirements for domestically assembled solar modules used in federal financial assistance awards for infrastructure projects due to the determination that compliant solar modules are not available in sufficient quality or quantity for use in OEJECR-funded infrastructure projects. The EPA conducted market research to determine availability of BABA-compliant solar modules which included subject matter expert analysis of domestic solar production based on announcements and non-public manufacturing plans disclosed by manufacturers. Based on this market research, the EPA finds that BABA-compliant solar modules are not produced in the United States in sufficient and reasonably available quantities for use in OEJECR-assisted solar projects and will not become available in sufficient and reasonably available quantities until December 2025 or later. This waiver will ensure recipients can effectively carry out the activities of their award in a timely manner while promoting domestic solar module manufacturing.

Background

The Buy America preference set forth in section 70914(a) of BABA, requires all iron, steel, manufactured products, and construction materials used for infrastructure projects under federal financial assistance awards be produced in the United States.

Under section 70914(b) of BABA, 2 CFR 184.7 & 200.322, and in accordance with the Office of Management and Budget (OMB)'s Guidance Memorandum M-24-02, *Implementation Guidance on Application of Buy America Preference in Federal Financial Assistance Programs for Infrastructure*, the EPA may waive the BABA Buy America preference under an infrastructure program in any case in which it finds that: (i) applying the domestic content procurement preference would be inconsistent with the public interest ("public interest waiver"); (ii) types of iron, steel, manufactured products, or construction materials are not produced in the U.S. in sufficient and reasonably available quantities or of a satisfactory quality ("nonavailability waiver"); or (iii) the inclusion of iron, steel, manufactured products, or construction materials produced in the U.S. will increase the cost of the overall project by more than 25 percent ("unreasonable cost waiver"). All waivers must have a written explanation for the proposed determination; provide a period of not less than fifteen (15) calendar days for public comment on the proposed waiver; and submit the proposed waiver to the OMB Made in America Office for review to determine if the waiver is consistent with policy.

With more than \$100 billion in funding from Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, and H.R. 5376- Inflation Reduction Act of 2022 (IRA), the EPA is focused primarily on investing in projects that strengthen infrastructure, tackle climate change, and create a more equitable future. The EPA is committed to ensuring strong and effective domestic manufacturing capabilities consistent with Executive Order (EO) 14005 titled *Ensuring the Future is Made in All of America by All of America's Workers* (86 FR 7475) (Jan. 28, 2021). EO 14005 provides that the U.S. Government "should, consistent with applicable law, use terms and conditions of Federal financial assistance awards and Federal procurements to maximize the use of goods, products, and materials produced in, and services offered in, the United States."

The EPA provides grant funding to multiple recipients, subrecipients, and program participants with individual projects that utilize solar modules. Nationwide demand includes use by other federal agencies, state, local, and tribal governments, nonprofit organizations in addition to private consumers. The EPA, in collaboration with the U.S. Department of Energy (DOE) and the United States Department of Agriculture (USDA), analyzed anticipated demand for projects that may include demand for BABA-compliant solar modules. The EPA requirement is estimated to be approximately 3,300 MWdc for BABA-compliant modules through 2028. For the DOE, the estimate is approximately 75 MWdc to 150 MWdc through 2026. For the USDA, the estimate is \$80 million through 2025, corresponding to a nameplate capacity of 300 MWdc. The major driver for domestic solar supply-chain growth is the IRA tax credits, including the IRC §§48 and 45 clean energy investment and production tax credits and the IRC §§48E and 45Y “technology neutral” clean electricity investment and production tax credits, and the IRC §45X advanced manufacturing production tax credit, which provides per-unit tax credits for the domestic production of polysilicon, wafers, cells, modules, backsheet, tracker components, and inverters, with rates of \$0.07 per Wdc for modules and \$0.04 per Wdc for cells. Moreover, the 10% domestic content bonus in IRA tax credits will increase competition for domestically produced modules from private developers, which could further impact grant recipients’ ability to procure BABA-compliant modules.

Solar modules are manufactured products. Per BABA sections 70912(6)(A) and (B), manufactured products are considered to be produced in the United States if (i) the manufactured product was manufactured in the United States; and (ii) the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.

Solar module components were analyzed by the DOE. Market research included subject matter expert analysis of domestic solar production based on announcements and non-public manufacturing plans disclosed by manufacturers. The cost of the cell is estimated to constitute the majority (67%) of the cost of a module. DOE subject matter experts concluded cells will not likely be available from U.S. manufacturers in sufficient quantities until December 2025 or later. The next highest estimated module cost component is the metal frame, at 10%. Metal frames for c-Si modules are expected to be unavailable at a significant quantity from anywhere other than China for several years. The cost of the front glass and backsheet are each estimated at 7%, of the encapsulant at 4%, of the junction box at 3%, and all other components less than 1% each.

To support BABA compliance verification, the EPA is considering step-certification following the expiration of this waiver, which is a type of certification process under which each handler (supplier, fabricator, manufacturer, processor, etc.) of the subject products and materials certifies that their step in the process was domestically performed. Each time a step in the manufacturing process takes place, the manufacturer delivers its work along with a certification of its origin. This process is common practice for verifying Buy America requirements for iron and steel.

Waiver Justification

The EPA is issuing a temporary, limited nonavailability partial waiver of the BABA manufactured product requirements for solar modules to apply to the use of domestically assembled modules that

may incorporate foreign components. The United States is the second largest market for solar hardware, representing about 10%-15% of global solar demand. Developing and enhancing United States solar manufacturing will mitigate global supply chain challenges and meet decarbonization goals as well as benefit United States' workers, employers, and the economy. To reestablish domestic solar manufacturing in the United States, entities that produce and sell solar components will require a holistic industrial strategy to offset the 30-40% higher cost of domestic solar production relative to imported components. This narrowly tailored BABA waiver will meet immediate solar demands while the domestic solar industry expands supply through the operation of market forces.

Domestically, the United States currently has 10,600 MWdc/year nameplate production capacity for CdTe modules and 47,000 MWdc/yr nameplate production capacity for c-Si modules. Market research indicates c-Si module production capacity was historically underutilized for a variety of reasons including foreign competition, workforce shortages, and obsolete production equipment, with about 3,700 MWdc actually produced and sold in 2023 compared to a nameplate capacity of 15,000 MWdc/yr at the end of 2023. Capacity for c-Si modules has continued growing significantly in 2024 and as production is ramping, utilization rates are expected to grow. As of November 2024, domestic c-Si cell production in the United States has just restarted and production is also anticipated to grow.

In addition to current production capacity, future domestic manufacturing indicates growth will result in substantially more BABA-compliant module supply. As of November 2024, over \$20 billion in planned solar investments have been announced at over 148 new and expanded manufacturing plants for modules, module parts and other hardware. DOE subject matter experts performed a probabilistic analysis of these announcements to identify a date when full BABA compliance may be achievable. Subject matter expert review identified technical delays from announced dates due to site readiness as well as likelihood of project success and considered the time required to ramp to full production capacities as well as announced offtake agreements. Overall analysis concludes that domestic manufacturers will likely be capable of producing fully BABA-compliant modules in sufficient quantities for OEJECR financial assistance recipients, subrecipients and program participants no sooner than December 2025. Thus, the EPA finds that BABA-compliant solar modules are not produced in the United States in sufficient and reasonably available quantities for use in OEJECR-assisted solar projects and will not become available in sufficient and reasonably available quantities until December 2025 or later.

Impact Absent the Waiver

Without a waiver, the EPA anticipates most recipients with solar projects subject to BABA will develop, implement, and submit individualized nonavailability waiver packages for solar modules. This conclusion is based upon widely reported domestic sourcing challenges for BABA-compliant solar modules. The corresponding administrative burden will impact the cost and schedule of recipients, and in some cases diminish the use of solar projects, or, in extreme cases, deter overall program participation. For those that participate and propose solar projects, recipient resources will be required to perform market research and submit nonavailability packages. Project schedules will need to be extended to account for waiver development and waiver processing through final approval. These anticipated delays adversely impact numerous agency goals of these projects, including climate action and energy justice.

The absence of this narrowly tailored BABA waiver will result in missed strategic opportunities to advance goals such as those within EO 14017 *American's Strategy to Secure the Supply Chain for a Robust Clean Energy Transition* and EO 14057 *Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability*, in addition to the goals of EO 14005.

This narrowly tailored BABA waiver will support the establishment of a domestic solar supply chain. Fundamentally, the domestic content provisions in the IRA clean energy production and investment tax credits, including relating to IRC §§ 45, 45X, 45Y, 48, and 48E, including the domestic content bonus credit, constitute the significant driver for increasing the overall demand for domestic solar modules. Requiring full BABA compliance for federal financial assistance projects, as opposed to the narrowly tailored BABA compliance described in this waiver, would produce limited benefits for domestic solar manufacturing while potentially placing projects targeting vulnerable populations at risk.

Assessment of Cost Advantage of a Foreign-Sourced Product

Under OMB Memorandum M-24-02, agencies are expected to assess “whether a significant portion of any cost advantage of a foreign-sourced product is the result of the use of dumped steel, iron, or manufactured products or the use of injuriously subsidized steel, iron, or manufactured products” as appropriate before granting a waiver. The EPA’s analysis has concluded that this assessment is not applicable to this waiver, because this waiver is not based on cost advantage of foreign sourced products.

Duration of Waiver

This waiver applies to expenditures on solar panels made on or after January 10, 2025 until December 31, 2025, so long as those panels are installed by June 30, 2026.

Comments on the Proposed Waiver

On December 13, 2024, the EPA issued a notice proposing to issue this waiver and the comment period was open until December 28, 2024. The EPA received 36 comments during the public comment period from a variety of stakeholders. During the 15-day public comment period, 94% of the 36 commenters supported the EPA’s proposed waiver.

There were requests to extend the duration of the waiver, including the installation date. Commenters also suggested removal of the installation date altogether or the establishment of longer durations based on geographic environmental challenges. After review and given the projected timelines for domestic cell makers to come online, the current durations and installation date requirement in the waiver are adequate.

There were also requests to expand the waiver to include other solar-related manufactured products such as inverters and batteries. While these products are outside the scope of this waiver, the EPA, in collaboration with other agencies, actively monitors these industries for any BABA-related issues and notes that projects facing any challenges are still able to request project-specific waivers.

Two commenters challenged the need for the waiver based on their views regarding expected availability of BABA-compliant solar modules to meet the demand from projects receiving federal financial assistance during the waiver period. The EPA acknowledges that there are companies making strides to develop cell manufacturing capacity in the United States. However, that capacity is reported

to be sold out well past the duration of the waiver. Given the EPA's analysis and other comments received, it is believed that the volume, quality, and availability of domestically produced modules made using domestically produced cells over the duration of the waiver will be inadequate to meet the needs of projects receiving federal financial assistance. The same two commenters suggested adding Foreign Entity of Concern restrictions to the waiver, which the EPA notes are addressed where appropriate in individual project terms and conditions.

Appendix

Program	Recipient/Awardee
Environmental and Climate Justice Block Grants	Connecticut Department of Energy and Environmental Protection (CT DEEP)
Environmental and Climate Justice Block Grants	Massachusetts Department of Public Health
Environmental and Climate Justice Block Grants	Rhode Island Department of Health
Environmental and Climate Justice Block Grants	RI Department of Environmental Management
Environmental and Climate Justice Block Grants	Vermont Agency of Human Services
Environmental and Climate Justice Block Grants	Washington State Department of Health
Environmental and Climate Justice Block Grants	Municipality of Vega Baja
Environmental and Climate Justice Block Grants	New Jersey Department of Environmental Protection
Environmental and Climate Justice Block Grants	New York State Office of Resilient Homes and Communities
Environmental and Climate Justice Block Grants	PA Department of Environmental Protection
Environmental and Climate Justice Block Grants	State of Maryland, Department of the Environment
Environmental and Climate Justice Block Grants	West Virginia Department of Environmental Protection
Environmental and Climate Justice Block Grants	North Carolina Department of Health and Human Services
Environmental and Climate Justice Block Grants	SC Department of Health and Environmental Control
Environmental and Climate Justice Block Grants	Minnesota Department of Commerce
Environmental and Climate Justice Block Grants	The Prairie Island Indian Community
Environmental and Climate Justice Block Grants	LA Department of Environmental Quality
Environmental and Climate Justice Block Grants	Louisiana Department of Health
Environmental and Climate Justice Block Grants	New Mexico Environment Department
Environmental and Climate Justice Block Grants	Iowa Department of Human Rights
Environmental and Climate Justice Block Grants	Kansas Department of Health and Environment

Environmental and Climate Justice Block Grants	Colorado Department of Public Health & Environment
Environmental and Climate Justice Block Grants	Montana Department of Environmental Quality
Environmental and Climate Justice Block Grants	North Dakota Department of Environmental Quality
Environmental and Climate Justice Block Grants	Utah Department of Environmental Quality
Environmental and Climate Justice Block Grants	California Department of Public Health
Environmental and Climate Justice Block Grants	California Governor's Office of Planning and Research
Environmental and Climate Justice Block Grants	Wisconsin Department of Natural Resources
Environmental and Climate Justice Block Grants	COASTAL PROTECTION AND RESTORATION AUTHORITY
Environmental and Climate Justice Block Grants	Board of Commissioners of the Port of New Orleans
Environmental and Climate Justice Block Grants	County of Los Angeles
Environmental and Climate Justice Block Grants	City of Boston
Environmental and Climate Justice Block Grants	City of Bridgeport
Environmental and Climate Justice Block Grants	City of New Haven
Environmental and Climate Justice Block Grants	City of Waterbury (Connecticut)
Environmental and Climate Justice Block Grants	Greater Portland Council of Governments (GPCOG)
Environmental and Climate Justice Block Grants	Northwest Regional Planning Commission
Environmental and Climate Justice Block Grants	Penobscot Indian Nation
Environmental and Climate Justice Block Grants	Chelan County
Environmental and Climate Justice Block Grants	Lane Regional Air Protection Agency (LRAPA)
Environmental and Climate Justice Block Grants	Multnomah County Health Department
Environmental and Climate Justice Block Grants	Palouse Conservation District
Environmental and Climate Justice Block Grants	Public Health - Seattle & King County

Environmental and Climate Justice Block Grants	Spokane Conservation District
Environmental and Climate Justice Block Grants	Tacoma School District No 10 DBA Tacoma Public Schools
Environmental and Climate Justice Block Grants	Tacoma-Pierce County Health Department
Environmental and Climate Justice Block Grants	Tulalip Tribes of Washington
Environmental and Climate Justice Block Grants	City of Jamestown
Environmental and Climate Justice Block Grants	City of Jersey City
Environmental and Climate Justice Block Grants	County of Hudson
Environmental and Climate Justice Block Grants	City of Newark
Environmental and Climate Justice Block Grants	City of Rochester New York
Environmental and Climate Justice Block Grants	Department of Health and Mental Hygiene
Environmental and Climate Justice Block Grants	The Municipal Housing Authority for the City of Yonkers
Environmental and Climate Justice Block Grants	Allegheny, County of
Environmental and Climate Justice Block Grants	Arlington County
Environmental and Climate Justice Block Grants	City of McKeesport
Environmental and Climate Justice Block Grants	City of Philadelphia
Environmental and Climate Justice Block Grants	County of Albemarle
Environmental and Climate Justice Block Grants	Frederick County Maryland
Environmental and Climate Justice Block Grants	Mayor and City Council of Baltimore
Environmental and Climate Justice Block Grants	City of Memphis
Environmental and Climate Justice Block Grants	City of Savannah
Environmental and Climate Justice Block Grants	County of Palm Beach
Environmental and Climate Justice Block Grants	Louisville-Jefferson County Metro Government

Environmental and Climate Justice Block Grants	Mobile County Board of Health
Environmental and Climate Justice Block Grants	City of Ann Arbor, MI
Environmental and Climate Justice Block Grants	City of Flint
Environmental and Climate Justice Block Grants	City of Milwaukee
Environmental and Climate Justice Block Grants	Cuyahoga County Board of Health
Environmental and Climate Justice Block Grants	Fort Wayne City Utilities
Environmental and Climate Justice Block Grants	City of Dallas
Environmental and Climate Justice Block Grants	City of Houston (Health Department)
Environmental and Climate Justice Block Grants	Santo Domingo Pueblo
Environmental and Climate Justice Block Grants	The Chickasaw Nation
Environmental and Climate Justice Block Grants	City of Kansas City, MO
Environmental and Climate Justice Block Grants	CITY AND COUNTY OF DENVER
Environmental and Climate Justice Block Grants	Confederated Salish and Kootenai Tribes
Environmental and Climate Justice Block Grants	County of Missoula
Environmental and Climate Justice Block Grants	Town of Bluff
Environmental and Climate Justice Block Grants	San Diego County Air Pollution Control District
Environmental and Climate Justice Block Grants	Buena Vista Rancheria of Me-Wuk Indians
Environmental and Climate Justice Block Grants	City and County of Honolulu
Environmental and Climate Justice Block Grants	City of Flagstaff
Environmental and Climate Justice Block Grants	City of Sacramento
Environmental and Climate Justice Block Grants	County of Stanislaus
Environmental and Climate Justice Block Grants	Gila County, Arizona

Environmental and Climate Justice Block Grants	San Joaquin Valley Unified Air Pollution Control District
Environmental and Climate Justice Block Grants	SF Department of Environment
Environmental and Climate Justice Block Grants	Confederated Tribes and Bands of the Yakama Nation
Environmental and Climate Justice Block Grants	Cuyahoga County
Environmental and Climate Justice Block Grants	Leech Lake Band of Ojibwe
Environmental and Climate Justice Block Grants	The City of Oklahoma City
Environmental and Climate Justice Block Grants	City of San Jose
Environmental and Climate Justice Block Grants	Center for an Ecology-Based Economy
Environmental and Climate Justice Block Grants	Childhood Lead Action Project, Inc.
Environmental and Climate Justice Block Grants	Gulf of Maine Research Institute
Environmental and Climate Justice Block Grants	Health Resources in Action
Environmental and Climate Justice Block Grants	Hitchcock Center for the Environment
Environmental and Climate Justice Block Grants	Maine People's Resource Center
Environmental and Climate Justice Block Grants	Massachusetts Coalition for Occupational Safety and Health
Environmental and Climate Justice Block Grants	Mystic River Watershed Association
Environmental and Climate Justice Block Grants	New Haven Ecology Project
Environmental and Climate Justice Block Grants	Nashua River Watershed Association Inc.
Environmental and Climate Justice Block Grants	Refugee Development Center
Environmental and Climate Justice Block Grants	The Nature Conservancy
Environmental and Climate Justice Block Grants	United Charitable
Environmental and Climate Justice Block Grants	Alaska Municipal League
Environmental and Climate Justice Block Grants	Center for Intercultural Organizing

Environmental and Climate Justice Block Grants	Farmworker Justice Fund, Inc.
Environmental and Climate Justice Block Grants	Methow Valley Citizens Council
Environmental and Climate Justice Block Grants	Oregon Coast Visitors Association
Environmental and Climate Justice Block Grants	Prince William Sound Science and Technology Institute
Environmental and Climate Justice Block Grants	Southern Oregon Forest Restoration Collaborative
Environmental and Climate Justice Block Grants	The Trust for Public Land
Environmental and Climate Justice Block Grants	Upper Snake River Tribes Foundation
Environmental and Climate Justice Block Grants	Atma Connect
Environmental and Climate Justice Block Grants	Bronx River Alliance, Inc
Environmental and Climate Justice Block Grants	Ironbound Community Corporation
Environmental and Climate Justice Block Grants	New Jersey Environmental Justice Alliance
Environmental and Climate Justice Block Grants	PathStone Corporation
Environmental and Climate Justice Block Grants	Sixth Street Community Center, Inc.
Environmental and Climate Justice Block Grants	Sociedad Ambiente Marino
Environmental and Climate Justice Block Grants	The Bronx is Blooming Inc
Environmental and Climate Justice Block Grants	We Stay/Nos Quedamos
Environmental and Climate Justice Block Grants	Youth Ministries for Peace and Justice
Environmental and Climate Justice Block Grants	Appalachian Voices
Environmental and Climate Justice Block Grants	Clean Water Fund
Environmental and Climate Justice Block Grants	Delaware Valley Citizens Council for Clean Air
Environmental and Climate Justice Block Grants	John Bartram Association
Environmental and Climate Justice Block Grants	Nueva Esperanza, Inc.

Environmental and Climate Justice Block Grants	National Housing Trust
Environmental and Climate Justice Block Grants	Resilient Virginia
Environmental and Climate Justice Block Grants	Shamokin Creek Restoration Alliance
Environmental and Climate Justice Block Grants	Ridge to Reefs
Environmental and Climate Justice Block Grants	YESS! of Charles County, Inc.
Environmental and Climate Justice Block Grants	2CMississippi: Towards Sustainable, Educated and Empowered M
Environmental and Climate Justice Block Grants	CleanAIRE North Carolina
Environmental and Climate Justice Block Grants	Dream in Green, Inc.
Environmental and Climate Justice Block Grants	E3 Solutions, Inc.
Environmental and Climate Justice Block Grants	Glynn Environmental Coalition
Environmental and Climate Justice Block Grants	Lowcountry Alliance for Model Communities
Environmental and Climate Justice Block Grants	Parks Alliance of Louisville
Environmental and Climate Justice Block Grants	Tennessee Environmental Council
Environmental and Climate Justice Block Grants	Steps Coalition
Environmental and Climate Justice Block Grants	Advocates for Basic Legal Equity, Inc.
Environmental and Climate Justice Block Grants	Community Power
Environmental and Climate Justice Block Grants	Ecology Action Center
Environmental and Climate Justice Block Grants	enFocus
Environmental and Climate Justice Block Grants	Ecolibrium3
Environmental and Climate Justice Block Grants	One Love Global
Environmental and Climate Justice Block Grants	Reflo, Inc
Environmental and Climate Justice Block Grants	United Congregations of Metro East

Environmental and Climate Justice Block Grants	Vincentian Ohio Action Network, d.b.a. ARCH
Environmental and Climate Justice Block Grants	Black United Fund of Texas, Inc.
Environmental and Climate Justice Block Grants	Children's Environmental Literacy Foundation
Environmental and Climate Justice Block Grants	Earth Care International
Environmental and Climate Justice Block Grants	Micah Six Eight Mission
Environmental and Climate Justice Block Grants	Open Design Collective, Inc.
Environmental and Climate Justice Block Grants	Groundwork New Orleans
Environmental and Climate Justice Block Grants	Sewa International Inc.
Environmental and Climate Justice Block Grants	The DigDeep Right to Water Project
Environmental and Climate Justice Block Grants	Thrive New Orleans
Environmental and Climate Justice Block Grants	Bridging The Gap, Inc.
Environmental and Climate Justice Block Grants	Gamaliel Foundation
Environmental and Climate Justice Block Grants	Iowa Environmental Council
Environmental and Climate Justice Block Grants	PedNet Coalition, Inc. (dba Local Motion)
Environmental and Climate Justice Block Grants	Springfield Community Gardens
Environmental and Climate Justice Block Grants	AMERICAN SOLAR ENERGY SOCIETY INC
Environmental and Climate Justice Block Grants	Bessemer Historical Society, Inc.
Environmental and Climate Justice Block Grants	EcoAction Partners
Environmental and Climate Justice Block Grants	Denver Urban Gardens
Environmental and Climate Justice Block Grants	National Wildlife Federation
Environmental and Climate Justice Block Grants	Amistades, Inc.
Environmental and Climate Justice Block Grants	Bayview Hunters Point Community Advocates Inc.

Environmental and Climate Justice Block Grants	Central California Environmental Justice Network
Environmental and Climate Justice Block Grants	Bisbee Science Exploration & Research Center
Environmental and Climate Justice Block Grants	Community Health Councils
Environmental and Climate Justice Block Grants	Casa Familiar Inc.
Environmental and Climate Justice Block Grants	Council for Native Hawaiian Advancement
Environmental and Climate Justice Block Grants	Grades of Green
Environmental and Climate Justice Block Grants	Council for Watershed Health
Environmental and Climate Justice Block Grants	Friendship House Association of American Indians
Environmental and Climate Justice Block Grants	Northern Nevada Institute for Public Health
Environmental and Climate Justice Block Grants	Red Feather Development Group
Environmental and Climate Justice Block Grants	Kaunalewa
Environmental and Climate Justice Block Grants	Quail Botanical Gardens Foundation, Inc. dba SD Botanic Gard
Environmental and Climate Justice Block Grants	Rebuild Superior, Inc.
Environmental and Climate Justice Block Grants	TerraGraphics International Foundation Inc
Environmental and Climate Justice Block Grants	West Oakland Environmental Indicators Project
Environmental and Climate Justice Block Grants	Green Umbrella
Environmental and Climate Justice Block Grants	Metropolitan Tenants Organization
Environmental and Climate Justice Block Grants	Detroiters Working for Environmental Justice
Environmental and Climate Justice Block Grants	International Center for Appropriate& Sustainable Technology
Environmental and Climate Justice Block Grants	Rio Grande International Study Center
Environmental and Climate Justice Block Grants	National Urban League, Inc.
Environmental and Climate Justice Block Grants	St. Philip's School and Community Center

Environmental and Climate Justice Block Grants	Downwinders at Risk Education Fund
Environmental and Climate Justice Block Grants	Houston Wilderness
Environmental and Climate Justice Block Grants	Tree New Mexico
Environmental and Climate Justice Block Grants	The Water Institute of the Gulf
Environmental and Climate Justice Block Grants	Song Community Development Corporation
Environmental and Climate Justice Block Grants	Louisiana Bucket Brigade
Environmental and Climate Justice Block Grants	San Antonio Food Bank
Environmental and Climate Justice Block Grants	OneOC
Environmental and Climate Justice Block Grants	Canal Alliance
Environmental and Climate Justice Block Grants	Climate Resilient Communities
Environmental and Climate Justice Block Grants	Environmental Health Coalition
Environmental and Climate Justice Block Grants	Anza-Borrego Foundation
Environmental and Climate Justice Block Grants	Los Angeles Neighborhood Land Trust
Environmental and Climate Justice Block Grants	The Minneapolis Foundation
Environmental and Climate Justice Block Grants	Philanthropy North West
Environmental and Climate Justice Block Grants	Green and Healthy Homes Initiative
Environmental and Climate Justice Block Grants	Social and Environmental Entrepreneurs
Environmental and Climate Justice Block Grants	JSI Research and Training Institute
Environmental and Climate Justice Block Grants	Fordham University
Environmental and Climate Justice Block Grants	Healthy Resources in Action
Environmental and Climate Justice Block Grants	Texas Southern University
Environmental and Climate Justice Block Grants	Institute For Sustainable Communities

Environmental and Climate Justice Block Grants	Research Triangle Institute
Environmental and Climate Justice Block Grants	Climate Justice Alliance
Environmental and Climate Justice Block Grants	City of New Haven and Greater Dwight Development Corporation
Environmental and Climate Justice Block Grants	City of Springfield, MA and Public Health Institute of Western Massachusetts
Environmental and Climate Justice Block Grants	JSI Research and Training Institute, Inc. and Mauricio Gaston Institute for Latino Community Development and Public Policy
Environmental and Climate Justice Block Grants	Rhode Island Food Policy Council and Groundwork Rhode Island
Environmental and Climate Justice Block Grants	Ironbound Community Corporation and Newark Office of Emergency Management
Environmental and Climate Justice Block Grants	People United for Sustainable Housing Inc and Community Network for Engagement, Connection, and Transformation (CoNECT)
Environmental and Climate Justice Block Grants	Rockaway Waterfront Alliance, Inc DBA RISE Rockaway and New York City Department of Parks & Recreation Natural Resources Group
Environmental and Climate Justice Block Grants	Trinity Alliance of the Capital Region, inc. and Clean and Healthy New York, Inc.
Environmental and Climate Justice Block Grants	Bronx River Alliance, Inc and Youth Ministries for Peace and Justice
Environmental and Climate Justice Block Grants	WE ACT for Environmental Justice and Pratt Center for Community Development
Environmental and Climate Justice Block Grants	El Puente De Williamsburg and The New School, Tishman Environment and Design Center
Environmental and Climate Justice Block Grants	GRID Alternatives and PathStone Corporation
Environmental and Climate Justice Block Grants	El Departamento de la Comida (El Depa) and Alliance for Agriculture, Corp.
Environmental and Climate Justice Block Grants	Asociación De Residentes De La Margarita Inc. and Solar United Neighbors
Environmental and Climate Justice Block Grants	Island Green Building Association, Inc and Virgin Islands Environmental Association
Environmental and Climate Justice Block Grants	National Housing Trust and D.C. Children's Law Center
Environmental and Climate Justice Block Grants	Centro de Apoyo Familiar and Black Wall Street
Environmental and Climate Justice Block Grants	Pittsburgh Conservation Corps and PowerCorpsPHL
Environmental and Climate Justice Block Grants	Energy Coordinating Agency of Philadelphia and Habitat for Humanity Philadelphia

Environmental and Climate Justice Block Grants	City of Hampton, VA and Wetlands Watch
Environmental and Climate Justice Block Grants	The Rector & Visitors of the University of Virginia and United Way of Southwest Virginia/Endless Opportunities
Environmental and Climate Justice Block Grants	Groundswell and City of Lanett, Alabama
Environmental and Climate Justice Block Grants	Texas A&M University and Black Belt Unincorporated Wastewater Program (BBUWP)
Environmental and Climate Justice Block Grants	West Anniston Foundation and Earth Island Institute
Environmental and Climate Justice Block Grants	Southwest Florida Community Foundation dba Collaboratory and Lee County Board of Commissioners
Environmental and Climate Justice Block Grants	University Area Community Development Corp, Inc. and University of South Florida
Environmental and Climate Justice Block Grants	County of Palm Beach and Community Partners of South Florida
Environmental and Climate Justice Block Grants	Lucky Shoals Community Association and Gwinnett Housing Corporation
Environmental and Climate Justice Block Grants	City of Thomasville and Thomasville Community Development Corporation
Environmental and Climate Justice Block Grants	2C Mississippi Towards Sustainable Educated and Empowered Mi and Voice of Calvary Ministries
Environmental and Climate Justice Block Grants	Southwest Renewal Foundation and City of High Point, NC
Environmental and Climate Justice Block Grants	The Working Lands Trust Inc. and Democracy Green
Environmental and Climate Justice Block Grants	MDC, Inc and Hispanic Federation, Inc
Environmental and Climate Justice Block Grants	Sustainability Institute and City of North Charleston, SC
Environmental and Climate Justice Block Grants	Tennessee Educators of Color Alliance and University of Memphis
Environmental and Climate Justice Block Grants	Trust for Public Land and City of Chattanooga
Environmental and Climate Justice Block Grants	Young, Gifted, & Green and Green & Healthy Homes Initiative
Environmental and Climate Justice Block Grants	Midwest Tribal Energy Resources Association, Inc. (MTERA) and GRID Alternatives
Environmental and Climate Justice Block Grants	Groundwork USA, Inc. and Groundwork Ohio River Valley
Environmental and Climate Justice Block Grants	Friends of the Chicago River and Metropolitan Planning Council
Environmental and Climate Justice Block Grants	City of Evansville and Welborn Baptist Foundation, Inc.

Environmental and Climate Justice Block Grants	Inter-Tribal Council of Michigan and Grand Traverse Band of Ottawa and Chippewa Indians
Environmental and Climate Justice Block Grants	Kalamazoo County Government and Kalamazoo Climate Crisis Coalition (KCCC)
Environmental and Climate Justice Block Grants	Eco Works and Michigan Interfaith Power and Light
Environmental and Climate Justice Block Grants	Southwestern Michigan Commission and City of Benton Harbor
Environmental and Climate Justice Block Grants	Inter-Tribal Council of Michigan (ITCMI) and Bay Mills Indian Community
Environmental and Climate Justice Block Grants	Minneapolis American Indian Center and Sabathani Community Center
Environmental and Climate Justice Block Grants	Leech Lake Band of Ojibwe and Cass Lake Boys and Girls Club
Environmental and Climate Justice Block Grants	The MetroHealth System and Community Housing Solutions
Environmental and Climate Justice Block Grants	The Trust for Public Land and See You At The Top
Environmental and Climate Justice Block Grants	City of Madison, WI and Urban Triage
Environmental and Climate Justice Block Grants	The Board of Regents of the University of Wisconsin System and Brothertown Indian Nation
Environmental and Climate Justice Block Grants	Dillard University and United Way of Southeast Louisiana
Environmental and Climate Justice Block Grants	Urban Restoration Enhancement Corporation and Power Coalition for Equity and Justice
Environmental and Climate Justice Block Grants	Stay Ready NOLA, Inc. and Metro Bicycle Coalition of New Orleans, Inc.
Environmental and Climate Justice Block Grants	Santa Fe Indian School, Inc. and The Trust for Public Land
Environmental and Climate Justice Block Grants	Global Center for Cultural Entrepreneurship and Indigenous Design and Planning Institute, School of Architecture and Planning, University of New Mexico
Environmental and Climate Justice Block Grants	City of Houston Health Department and Black United Fund of Texas (BUFTX)
Environmental and Climate Justice Block Grants	Mission Waco, Mission World and City of Waco, TX
Environmental and Climate Justice Block Grants	Big Bend Conservation Alliance and City of Presidio, Texas
Environmental and Climate Justice Block Grants	Air Alliance Houston and Houston Advanced Research Center
Environmental and Climate Justice Block Grants	Healthy Bourbon County Action Team and University of Kansas Medical Center
Environmental and Climate Justice Block Grants	The Curators of the University of Missouri and Chariton County Community Foundation

Environmental and Climate Justice Block Grants	Commún Denver, Inc and City of Denver
Environmental and Climate Justice Block Grants	City and County of Butte-Silver Bow and Headwaters RC&D
Environmental and Climate Justice Block Grants	Flandreau Santee Sioux Tribe and Native Sun Community Power Development
Environmental and Climate Justice Block Grants	Primavera Foundation and City of Tucson
Environmental and Climate Justice Block Grants	San Diego Foundation and Environmental Health Coalition
Environmental and Climate Justice Block Grants	City of Bakersfield and Building Healthy Communities Kern
Environmental and Climate Justice Block Grants	La Familia Counseling Center, Inc and Community Resource Project
Environmental and Climate Justice Block Grants	Treasure Island Mobility Management Agency and One Treasure Island
Environmental and Climate Justice Block Grants	Pueblo Unido, CDC and University of California Riverside, Extension
Environmental and Climate Justice Block Grants	Community Water Center and Pajaro Sunny Mesa Community Services District
Environmental and Climate Justice Block Grants	Casa Familiar Inc. and San Diego Air Pollution Control District
Environmental and Climate Justice Block Grants	County of Contra Costa and Urban Tilth
Environmental and Climate Justice Block Grants	Santa Ynez Band of Mission Indians and Dos Pueblos Institute
Environmental and Climate Justice Block Grants	Insight Garden Program and Ella Baker Center for Human Rights
Environmental and Climate Justice Block Grants	Special Service for Groups, Inc and Center for Asian Americans United for Self Empowerment (CAUSE)
Environmental and Climate Justice Block Grants	Leadership Counsel for Justice and Accountability and Central California Environmental Justice Network
Environmental and Climate Justice Block Grants	Social and Environmental Entrepreneurs and Los Angeles Alliance for a New Economy
Environmental and Climate Justice Block Grants	University of Guam and Nihi Indigenous Media (Duk Duk Goose, Inc.)
Environmental and Climate Justice Block Grants	Pacific International Center for High Technology Research and Dynamic Community Solutions
Environmental and Climate Justice Block Grants	Earth Island Institute and Kingdom Pathways
Environmental and Climate Justice Block Grants	Nevada Clean Energy Fund and Walker River Paiute Tribe
Environmental and Climate Justice Block Grants	Coalition for Responsible Community Development and Los Angeles Trade-Technical College

Environmental and Climate Justice Block Grants	Day One and ActiveSGV
Environmental and Climate Justice Block Grants	Tanana Chiefs Conference and Huslia Village
Environmental and Climate Justice Block Grants	Tebughna Foundation and University of Florida
Environmental and Climate Justice Block Grants	Native Village of Chenega and Prince William Sound Economic Development District
Environmental and Climate Justice Block Grants	Metlakatla Indian Community and Native Conservancy
Environmental and Climate Justice Block Grants	Alaska Native Tribal Health Consortium and Kawerak, Inc.
Environmental and Climate Justice Block Grants	Alaska Native Tribal Health Consortium and Native Village of Kotzebue
Environmental and Climate Justice Block Grants	The Rector & Visitors of the University of Virginia and Barrow Utilities and Electric Cooperative
Environmental and Climate Justice Block Grants	Native Village of Kipnuk and Alaska Institute for Justice
Environmental and Climate Justice Block Grants	Spruce Root, Inc. and Organized Village of Kake (OVK)
Environmental and Climate Justice Block Grants	City of Pocatello, Idaho and Portneuf Greenway Foundation
Environmental and Climate Justice Block Grants	Lane County Government and United Way of Lane County
Environmental and Climate Justice Block Grants	Confederated Tribes of Grand Ronde Community of Oregon and Energy Trust of Oregon
Environmental and Climate Justice Block Grants	Columbia Gorge Education Service District and Columbia Gorge Community College Foundation
Environmental and Climate Justice Block Grants	City of Chiloquin and Chiloquin Visions In Progress (CVIP)
Environmental and Climate Justice Block Grants	Gonzaga Institute for Climate, Water, and the Environment and Spokane Neighborhood Action Partners (SNAP)
Environmental and Climate Justice Block Grants	Okanogan County Community Action Council and Office of Rural and Farmworker Housing
Environmental and Climate Justice Block Grants	Confederated Tribes and Bands of the Yakama Nation and Yakima Valley Community Foundation
Environmental and Climate Justice Block Grants	Front and Centered and Solid Ground
Environmental and Climate Justice Block Grants	The New School and Center for Earth, Energy and Democracy