



Solar for All – Grant and Program Management

Navigating the Environmental Protection Agency’s (EPA) Solar for All program, which bridges energy gaps for underserved communities, can be challenging. Understanding regulatory nuances and how to effectively manage and implement the various initiatives will ensure communities in your state receive sustainable and equitable energy solutions. The Tidal Basin team can help.

What is Solar for All?

The EPA’s new \$7 billion Solar for All program has ambitious goals to equip over 900,000 households across 60 applicants in 25 states and territories with solar power. The program emphasizes strategic reduction of greenhouse gas emissions and fosters localized, clean energy production.

Key highlights include:

Reduced Energy Costs: Provides significant savings on electricity bills for low-income families, promoting economic stability within disadvantaged communities.

Environmental Benefits: Emphasizes a substantial decrease in the carbon footprint and other harmful emissions.

Funding Opportunities: Generous grants and funding packages have been allocated to states and territories ready to implement or expand their solar energy programs.

Broad Accessibility: Designed to be inclusive, ensuring that barriers to access, such as economic, language, or geographic location are minimized.

Your Partner in Managing Complex Solar Programs

The Tidal Basin Team, including our sister company, Michael Baker International, provides comprehensive, planning, design, program management and implementation services, as well as compliance and monitoring services and subrecipient oversight for federally funded grants. Our extensive background in designing and managing large-scale, complex solar power generation and installation programs like the Solar for All program makes us an ideal partner for state governments seeking to leverage this opportunity for their communities.



\$7B

for 900,000 households in low-income and disadvantaged communities

Be stronger than before



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Comprehensive, Integrated Program Solutions for Grantees

Specific initiatives the Tidal Basin team is experienced in and poised to support include:

- **Single-Family and Multifamily Solar Grant Program Design, Management, and Implementation**
- **Project Prioritization, Impact Analyses, GIS, and Mapping Support**
- **Clean Energy Subject Matter Expertise Focusing on Distributed Development and Community Solar Initiatives**
- **Financial Assistance Project Modeling for Low-Income Community Access to Solar Projects**
- **State, Local and Tribal Community Engagement and Outreach**
- **Education, Training, and Technical Assistance**
- **Workforce Development Program Design and Oversight**
- **Architectural and Engineering Services**
 - Feasibility studies, environmental analysis, and land surveys
 - Permitting and entitlements
 - Site engineering design and plan review
- **Construction Management Services**
 - Bid management and value engineering
 - Scheduling and project controls
 - Construction oversight, administration, and inspections
- **Subrecipient Management Services**
 - Technical assistance for application/Request for Proposal (RFP) development and planning phases
 - Application and procurement review
 - Training on programmatic and regulatory requirements
 - Financial management and oversight
 - Change order review and value engineering
 - Documentation management
 - Payment review and processing
 - Compliance and monitoring, including Davis Bacon and Related Acts (DBRA)
 - Program closeout

For successful implementation of the Solar for All program, various stakeholders and entities must be engaged. These include developers, workforce development training providers, local community governments, and not-for-profit partners. Our team has supported state-level grantees in oversight of these stakeholders to support compliance with billions of dollars federal grant funds.



Featured Case Study

Tidal Basin's Clean Energy Impact through Solar and Water Installations for Low-Income Single-Family Homeowners

As part of Tidal Basin's commitment to building resilient communities, we were pleased that the Puerto Rico Department of Housing (PRDOH) selected our team to address critical vulnerabilities in the island's energy and water systems by serving as the program manager for the landmark \$300 million **Community Energy and Water Resiliency Installations (CEWRI) program**.

This pivotal initiative, funded through HUD's Community Development Block Grant – Disaster Recovery (CDBG-DR) program, aims to solidify Puerto Rico's infrastructure resilience and facilitate the provision of energy and water efficiency improvements for single-family homeowners. This includes installing photovoltaic (PV) systems with battery backup for essential loads and water storage solutions, directly enhancing the liveability and sustainability of households that participated in the CDBG-DR-funded Home Repair, Relocation and Reconstruction (R3) program.

Our role in the comprehensive effort encompassed all program operations, from application processing to the administration of necessary tasks and services. Tidal Basin's duties extended to operational support, community engagement and outreach, intake and eligibility processes, HUD income verification, inspections,

award coordination, and the meticulous management of program closeout services.

A crucial aspect of our service delivery was the provision of bilingual case management, ensuring that applicants received seamless support in both English and Spanish throughout the program requirements and application process. This inclusive approach enabled effective management of applications, inspections, and technical assistance to homeowner applicants, reinforcing our commitment to accessibility and customer satisfaction.

To date, we have successfully installed 3,500 PV and water storage systems, marking a significant achievement in our mission to promote energy and water resiliency in Puerto Rican communities.



\$300 million

Community Energy and Water Resiliency Installations (CEWRI) program



Tidal Basin has installed 3,500 photovoltaic (PV) and water storage systems in Puerto Rico.

Additional Solar Project Experience

Project and Location	Description
Antelope Valley Solar Ranch 1 Los Angeles County, CA	With nearly four million solar panels, the 242-megawatt facility is one of the largest solar photovoltaic facilities in the world. Michael Baker provided final engineering design, construction water supply design, construction water supply design, and operation and maintenance building plans for this photovoltaic solar facility spanning nearly 2,100 acres.
Tallahassee International Airport Solar Farms 1 and 2 Tallahassee, FL	Michael Baker provided program management, environmental survey, NEPA documentation and permitting services to develop the 120-acre (Solar 1) and 320-acre (Solar 2) creating a 62-MWac solar farm, the world's largest airport-based solar farm.
Solar Highways Pilot Project Santa Clara County, CA	Michael Baker provided support for all aspects of the California Environmental Quality Act and National Environmental Policy Act clearance for a solar panel development project.
Fallon Solar Power Plant Fallon, NV	Michael Baker provided civil engineering, earthwork and grading design for this 23.8-megawatt photovoltaic solar energy plant. We prepared a Stormwater Pollution Prevention Plan and surface drainage and stormwater management plans as well as provided engineering support for this 118-acre site.
Kern County Solar Power Plants Kern County, CA	Michael Baker prepared environmental impact reports for three solar power projects in Kern County comprising over 11,430 acres and generating over 1,850 megawatts – enough to power more than one million homes.
Dagget Solar Power Facility San Bernardino County, CA	Michael Baker prepared the environmental impact report for this 3,500 acre facility producing more than 480-megawatts of power, making it the largest such project in California.
Carroll Independent School District, Carroll Middle School PV System Southlake, TX	Akela, a Michael Baker affiliate company, provided full electrical power system design, interconnection coordination with local utility provider, and construction administration support for a new 450 kW photovoltaic system.
Los Angeles Unified School District, Carport & Rooftop PV System Los Angeles, CA	Akela, a Michael Baker affiliate company, provided electrical design services for a total of 465 kW of rooftop and 652 kW of carport solar PV systems across the multiple project sites. Design complied with strict Division of State Architect (DSA) requirements & required close coordination with structural engineering partners for rooftops arrays on old school buildings.

Additional Services

Comprehensive Program Management

Tidal Basin provides end-to-end support, managing all aspects of a program from initial planning and design to final implementation.

Technology Solutions

We offer streamlined, customized grant and case management technology solutions through our proprietary software, **Phoenix OneCase**. This software supports sub-recipient application processes, reviews, project oversight, milestone tracking, budgeting, and closeout operations. Key features include highly secure, flexible, automated workflows; real-time tracking; and a user-friendly interface that increases productivity, enhances decision-making, and improves customer satisfaction.

Contact Center Support

Our fully managed, secure call routing and customer experience platform provides inbound and outbound communication channels within a single application, including an integrated voice response (IVR) solution. Our in-house multilingual team provides exceptional customer service and support to diverse client needs. We guarantee 99.9% uptime and can set up an operation typically within 48 hours of notice to proceed.

Financial Compliance and Risk Management

We specialize in the financial components of grant management, compliance, reimbursement, data management, and payments. Our experts optimize funding received to help in the audit process.



Tidal Basin has managed more than

\$40B

in federally-funded disaster programs nationwide

For more information on our program support, contact us today.



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