

LIFT SOLAR EVERYWHERE

PROJECT FINANCE FOR ACCELERATING LMI SOLAR ACCESS

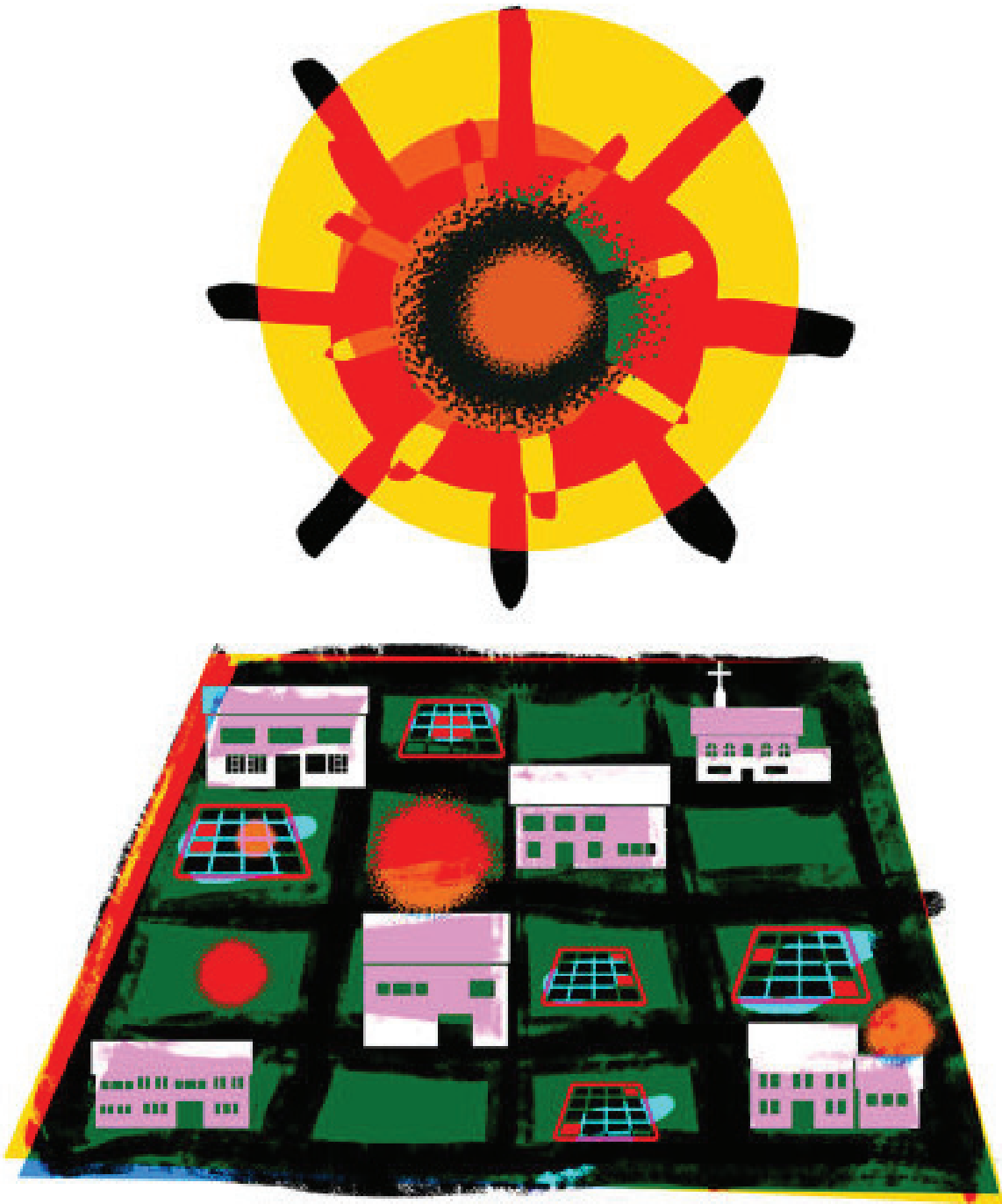


Illustration: Ngadi Smart

Research Report: The Growth of U.S. Community Solar Serving Low- and Moderate-Income Households

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ELEVATE



ACKNOWLEDGEMENTS

The LIFT (Low-Income Financing and Transactions) Solar Everywhere Research Program depends on the generosity of community solar program managers nationwide who are willing to share data for our analysis. In addition, members of the LIFT Research Advisory Council (RAC) volunteer their time to guide and evaluate the program, including review of LIFT's research design. We thank each organizational member of the LIFT collaborative, the staff, Boards of Directors, stakeholders and most especially our neighbors who participate in community solar programs. We hope this work contributes to more and better affordable access to clean energy services for all households.

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Vito Greco is the Director of Solar Programs at Elevate, a nonprofit organization dedicated to designing and implementing energy programs that lower costs, protect the environment, and ensure the benefits of smart energy reach those who need them most. In his role, Vito is developing strategies that accelerate solar deployment for our most critical institutions, including affordable housing, governments, and nonprofits. Vito leads a team that has provided strategic support for renewable deployment for the City of Chicago, the City of Detroit, Cook County, IL, the Chicago Housing Authority, as well as affordable housing owners, nonprofits and municipalities. Vito is a thought leader for low-income solar and community solar, working with stakeholders since 2014 to further solar legislation in Illinois and contribute to the implementation of the Illinois Solar for All program and policy across the country. Other Elevate renewables projects include research for various U.S. Dept. of Energy programs, energy planning for states and municipalities, solar mapping, solar valuation, procurement support, and solar workforce development.



Jake Archbell is an Engineer for Solar Programs at Elevate, a nonprofit organization that designs and implements programs that reduce costs, protect people and the environment, and ensure the benefits of clean and efficient energy use reach those who need them most. He works on solar projects across the organization, leading and assisting research projects, market analysis, data visualization, and program administration. In his role, he performs solar assessments and financial analysis of photovoltaic and battery energy storage systems. He analyzes solar policy at a market level to develop best practices and detailed financial analyses that address barriers to low-income solar adoption. Through his role he liaises with industry experts and professionals in both private and public sectors, including solar developers, other nonprofits, and national labs.

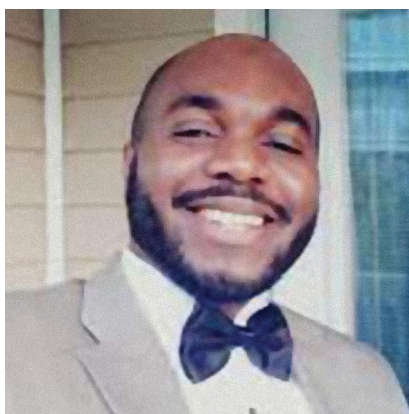


ABOUT THE LIFT SOLAR EVERYWHERE SOLAR FINANCE RESEARCH INITIATIVE

Accelerating Low-Income Financing and Transactions for Solar Access Everywhere (LIFT Solar) is a research effort funded by the U.S. Department of Energy, Solar Energy Technologies Office (SETO) and led by Groundswell in collaboration with Elevate, Clean Energy Works and Southface Institute. LIFT Solar seeks to understand the financial performance and customer experience of community solar projects that serve low- and moderate-income (LMI) customers, with the goal of providing insights, tools, and best practices that accelerate the development of these projects nationwide.

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The LIFT Solar Everywhere Research initiative is led by Dr. Elvis Moleka, VP of Labs and Data Science at Groundswell.



Dr. Elvis Moleka

Dr. Moleka's passionate pursuit of data-based solutions to long-standing issues has uncovered previously unexplored research possibilities in the realm of energy forecasting. He conducts research and analysis on the vertices between sustainable finance, development economics, energy economy, risk management, financial markets, monetary policy, and macro-economic dynamics. Dr. Moleka has more than 15 years of progressive experience in finance, risk management, data science and quantitative analytics. As a Data Scientist, he leverages statistical analysis and econometrics knowledge to promote model development and data management solutions.

He is a member of the New York Institute of Finance. Before joining Groundswell, Dr. Moleka worked as a Senior Financial Consultant and supported Model Risk Management groups on model validation and audit activities for major Wall Street Banks. He held Lectureship positions at the University of Warwick, University of Bath, London Metropolitan University, and the University of Buea. He earned his Doctor of Philosophy in Economics from the University of Bath, a Master of Science in Business Economics and Finance from London Metropolitan University, and a Bachelor of Science in Economics from the University of Buea. Dr. Moleka is also the Co-Founder and CEO of Leka Research Institute LLC and Chairs the Economic and Development Committee at BACDU USA Inc.

EXECUTIVE SUMMARY

Community solar is now considered big business and is still one of the fastest growing segments of the solar industry. Community solar serving low- and moderate-income (LMI) households is growing even faster, on average 46% year on year since 2011. Findings across all of LIFT Solar research on growth, finance, and customer experience seems to echo a similar refrain: LMI households are an important and viable segment of the community solar market, with similar growth, financial performance, and customer motivations.

The first operational community solar projects were launched more than a decade ago. The earliest projects were installed in municipal or rural electric cooperative territory and were often small and costly. Community solar was largely mission-driven, developed by nonprofit and advocacy organizations who negotiated complex pilot programs with utilities and public utility commissions. Subscribers often paid a premium for their subscriptions or at best broke even. Between 2006 and 2014, just 135 MW of community solar capacity was installed in a handful of states. 2015 saw double that capacity in a single year, with the launch of the Solar Rewards Community Program in Colorado. Since 2017, there has been nearly 500 MW-AC of community solar capacity installed each year, with 2021 installations skyrocketing to more than double the year-on-year growth. Based on the National Renewable Laboratory's (NREL) latest *Sharing the Sun* report, community solar capacity currently online in the U.S. is estimated to be more than 4,000 MW-AC.

Community solar serving LMI households has seen even faster growth. The LIFT Solar team has identified 455 community solar projects with a combined capacity of nearly 1,600 MW-AC in operation or in development across the country that dedicate some portion of their capacity to serving LMI households. Of that, more than 270 MW serves LMI households specifically.

Our research has found that there are real differences in how policy, incentives, and value impact



Figure 1: Ellensburg Community Solar Project

First community solar project in the U.S. 58 KW installed in 2006
City of Ellensburg, WA Photo: Pacific Northwest Smart Grid Demonstration Project

the deployment of community solar that serves LMI versus non-LMI subscribers. For example, of the more than 4,000 MW of community solar in operation in the U.S., 48% of that operational capacity occurs in states where there is no enabling legislation. This means that utilities are offering community solar voluntarily in many places rather than being required to do so through legislative or regulatory mandates. But when you look specifically at community solar capacity that serves LMI households, 90% of that capacity operates within states that have enabling legislation. Similarly, the average LMI subscriber savings in states with enabling legislation is 39% versus only 21% in states without. That represents nearly twice the value reaching LMI subscribers. These distinctions seem to indicate the continued importance of the legislative and regulatory environment for LMI community solar.

Similarly, while only 23% of all community solar capacity in the U.S. is installed in states with

high renewable energy credit (REC) values (where RECs account for 25% or more of the value stack), 66% of the capacity of projects that dedicate some capacity to households with low incomes are installed in states with high REC values. Similarly, 71% of LMI community solar capacity is deployed in states with high Bill Credit value (Retail or Value of Solar). Not surprisingly, community solar projects with healthier value stacks perform better financially and are more likely to serve LMI households.

LIFT Solar Customer Experience research found that most subscribers who pay a premium are Dissatisfied or Very Dissatisfied with their program.

LIFT Solar research found that LMI community solar projects with healthier value stacks also had significantly higher customer satisfaction rates. This only works, however, when the value passes down to the subscriber through savings. Subscriber savings varies by program and geography and is driven by policy and the project's value stack. While subscriber savings peaked in 2013 (albeit based on a very small cumulative capacity) and again in 2019, it has trended downwards since, with savings values now averaging close to 20%. This is true for LMI and non-LMI community solar.

Key Findings and Recommendations

Growth of the Segment

- Community solar serving LMI households is one of the fastest growing segments of the solar industry. Real or perceived risks to customer acquisition and subscriber management can be overcome to allow developers to realize competitive financial returns and customer retention for this important market segment.

The Impact of Policy

- Most existing community solar capacity, and most of the community solar capacity serving LMI households, is deployed in states with enabling legislation. Further, subscriber savings in states with enabling legislation is twice that of states without.
- Industry leaders and advocates must keep driving the policy changes that will maintain the accelerated growth and increased savings of community solar and LMI community solar.

Savings and Value

- Subscribers are no longer willing to pay a premium for community solar. Value must be passed on in the form of savings, and developers and advocates must continue to push for minimum savings levels to strengthen customer acquisition, satisfaction, retention of LMI subscribers.
- A high value stack is critical to LMI community solar. Two thirds of LMI community solar capacity come from projects that took advantage of high REC values, and 97% took advantage of tax benefits.

LIFT SOLAR

Accelerating Low-Income Financing and Transactions for Solar Access Everywhere (LIFT Solar) is a research effort funded by the U.S. Department of Energy, Solar Energy Technologies Office (SETO) and led by Groundswell in collaboration with Elevate, Clean Energy Works, and Southface Institute. LIFT Solar seeks to understand the financial performance and customer experience of community solar projects that serve low- and moderate-income (LMI) customers, with the goal of providing insights, tools, and best practices that accelerate the development of these projects nationwide.

The research was designed to first gather data from developers and financiers of currently operating LMI community solar projects nationally to understand how capital and value stacks affect financial performance for these projects and how designing programs and projects that serve LMI customers impacts projects as an investment. The research also gathered primary customer experience data from LMI and non-LMI community solar subscribers to help understand how project and program design, and financial performance, correlate with customer experience.

LIFT Solar will publish several reports based on this primary data collection, including this report, “The Growth of Community Solar Serving Low- and Moderate-Income Households,” as well as “Customer Experience for Low- and Moderate-Income Community Solar Subscribers,” and “Finance and Investment Performance for Community Solar Serving Low- and Moderate-Income Households.” LIFT will also deliver a web-based tool kit to share these insights and to provide additional resources and tools for project developers, financiers, program designers, utilities, and other stakeholders that will identify best practices and program design considerations. The aim is to accelerate the growth of this important segment of the solar industry and more rapidly increase the share of community solar subscriptions that serve LMI households.

Data Collection

A significant challenge to this research was data collection and the proprietary nature of the data being collected. For example, the financial data needed to drive this research includes detailed information about investment capital stacks, profit margins, customer acquisition, and subscriber management performance. This information, as a rule, is not publicly available or often shared. Similarly, access to customers’ opinions presented another barrier because the goal of this research was to collect primary research data from subscribers across many programs. These barriers meant that the data collected, while robust, is not fully representative of the entire universe of community solar projects serving LMI households across the country. The findings, however, are insightful and unique, providing a view of this segment that informs clear best practices and considerations for optimizing project and program design.

In 2021, the National Renewable Energy Laboratory (NREL) collected data on community solar installations across the U.S. for its “Sharing the Sun, Community Solar Deployment, Subscription Savings, and Energy Burden Reduction” database and report (Heeter, Xi). The LIFT Solar team coordinated with NREL to share and reconcile data collected on community solar projects nationally. Our definitions for LMI community solar were also reconciled, i.e., defining LMI community solar as any community solar project that is mandated to serve LMI households, whether through income eligibility or carve-out requirement. No specific income definition was used, although most programs determined eligibility based on third-party LMI energy program eligibility, area median income, or HUD-defined poverty levels. One notable difference between LIFT Solar data and NREL data is that LIFT Solar only included data for community solar projects that were allocated funds for specific installations by program administrators. NREL included all stated capacity for community solar programs, even if funds were not yet allocated to specific projects.

DEFINING COMMUNITY SOLAR

Community solar is a method for sharing the value of solar power generated from a single solar photovoltaic system with more than one electricity user. Users of community solar systems are typically called subscribers. By allowing a single, usually larger, solar array to serve multiple subscribers, community solar expands and accelerates access to renewable energy, especially among renters, those who cannot install solar on their rooftops, or those who cannot afford the upfront costs of solar installation. This represents an important opportunity for LMI households, who may otherwise have no reasonable access to renewable energy. Even with innovative approaches like community solar, however, barriers can still exist, like upfront costs, credit score requirements, or simply understanding the complexity of community solar. While this report and the LIFT Solar initiative is not specifically researching barriers to solar access, it does hope to share learnings that accelerate the adoption of community solar by households with low incomes.

Bill Credits as a Mechanism to Deliver Value

While the benefits and value generated from any solar array can be shared in different ways, LIFT solar has included projects in their analysis that specifically use virtual net metering in the form of bill credits as a mechanism for delivering value. This means that projects included in LIFT data and analysis are interconnected directly to the grid and not behind a customer's meter. Some innovative programs (Illinois Solar for All, DC Solar for All), while installed on rooftops of multifamily buildings, have been included because they use bill credits and are not behind the customer's meter.

Community solar subscribers typically enter into an agreement with a community solar provider in which they pay a fee in exchange for receiving bill credits on their electricity bills. The value proposition is usually such that the fees for subscribing are less than the bill credits, thereby providing a savings to subscribers. This is not true in all cases. Some

programs charge a premium for community solar, where subscribers pay more for their electricity, seeing benefit not in savings but in advancing renewable energy in their state.

The value of the bill credits is often determined by legislative or regulatory requirements, although some states allow individual utilities to set their own bill credit rates. For example, in Illinois, the bill credit rate is set at the energy supply rate, which may differ by supplier because Illinois is a deregulated market. The supply rate is always less than the retail rate of electricity, which includes distribution, transmission, capacity, and other charges per kilowatt hour (kWh). Other states may have requirements that bill credits be set at the retail rate or a value of solar rate (a rate that can include environmental and other value). The price of the subscription must consider not just the subscription costs and fees, but also the value of bill credits to determine subscriber savings.

Subscriber Models

The subscriber models offered by community solar programs define what a subscriber pays for their subscription and how they pay it, while the state's legislative or regulatory framework determines how bill credits will be received. For example, a subscriber offer may be based on buying a block of kilowatt hours (kWh) at a specified price. The subscriber then receives a bill credit for every kWh they purchased. A provider may offer a Power Purchase Agreement (PPA), where the subscriber agrees to purchase all the electricity from an agreed upon share of the array or from an agreed upon number of panels at a fixed cost per kilowatt hour. They then receive bill credits for each kWh generated by their agreed upon share. PPAs are typically contracted for a period of years – sometimes as long as 10 or 20 years. Some subscriber models are based on panel ownership, where a subscriber purchases panels up front or leases them and receives bill credits for all the power generated from those panels for as long as they produce energy (typically 25 years or more).

Savings

Bill credits and subscriber models are important factors in determining the savings a subscriber sees. For example, if bill credits are valued at a Supply Rate of \$0.06 per kWh, for the subscriber to realize savings, they must pay less than \$0.06 per kWh for their subscription. If the bill credit is based on a retail rate of \$0.12 per kWh, subscribers can pay significantly more than \$0.06 per kWh and still see savings. With different bill credits and subscriber models, and because energy costs vary significantly across the country, understanding the savings for community solar can be difficult and confusing, even where specific levels of savings are stated or mandated. The savings is agnostic to whether energy rates are high or low, but is relevant to whether bill credits are supply-only, retail, value of solar, etc. For example, a customer that pays \$0.05 per kilowatt hour for a Supply Rate credit of \$0.06 per kWh is saving less than a customer who pays \$0.08 per kWh for a Retail Rate of \$0.12 per kWh – 20% savings versus 33% savings, respectively.

The “Customer Experience for Low- and Moderate-Income Community Solar Subscribers” research conducted by LIFT Solar found that understanding savings was the most confusing aspect of community solar for subscribers. How savings and subscriber models are marketed to potential subscribers is important. While this is often governed by strict consumer protections to ensure that whatever is being offered is clearly defined and explained it can still be challenging.

THE GROWTH OF COMMUNITY SOLAR

Community Solar in the U.S.

The first community solar projects were launched more than a decade ago in municipal or rural electric cooperative territory and were often small and costly. Community solar was largely mission-driven, developed by nonprofits and advocacy organizations who negotiated complex pilots with utilities and public utility commissions. Subscribers often paid a premium for their subscriptions or broke even at best.

From 2009 to 2014, just 135 MW of community solar capacity was installed in a handful of states. 2015 saw double the capacity in one year. Since 2017, there has been nearly 500 MW-AC installed each year, with 2021 installations skyrocketing with more than double the year-on-year growth after Florida brought online more than 1,000 MW-AC with its SolarTogether program. Community solar is now considered big business. By the end of 2021, there were more than 2,100 community solar projects in operation or in development across 42 states, with a combined capacity of more than 5,200 MW-AC. Community solar is one of the fastest growing segments of the U.S. solar photovoltaic market (Heeter, O’Shaughnessy, Chan, 2020). Figure 1 below shows steady growth in community solar deployment since 2009, although the first community solar project was installed in 2006.

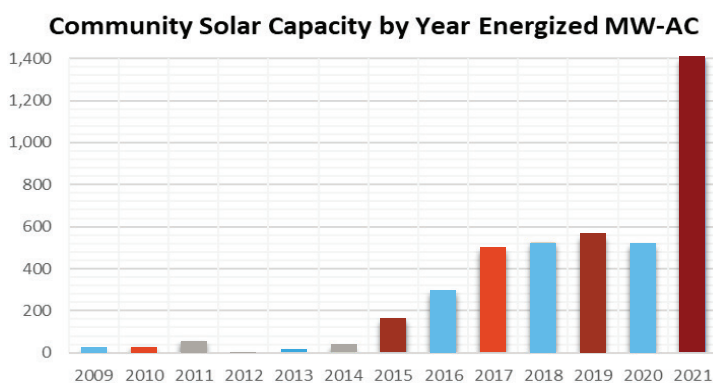


Figure 2: U.S. Community Solar Capacity by Year Energized (MW-AC) 5,216 MW-AC total capacity installed since 2009.

Figure 2: U.S. Community Solar Capacity by Year Energized (MW-AC) 5,216 MW-AC total capacity installed since 2009.

While early growth in community solar was led by just four early markets, new programs have launched that significantly diversify where community solar is serving subscribers (SEIA). The Biden administration, through the National Community Solar Partnership, has set a target of powering 5 million American homes with community solar by 2025-- an ambition that would require 700% growth of current capacity (Engel, 2021). New programs in Illinois, New Jersey, Massachusetts, District of Columbia, and elsewhere all promise to continue the accelerated growth of community solar.

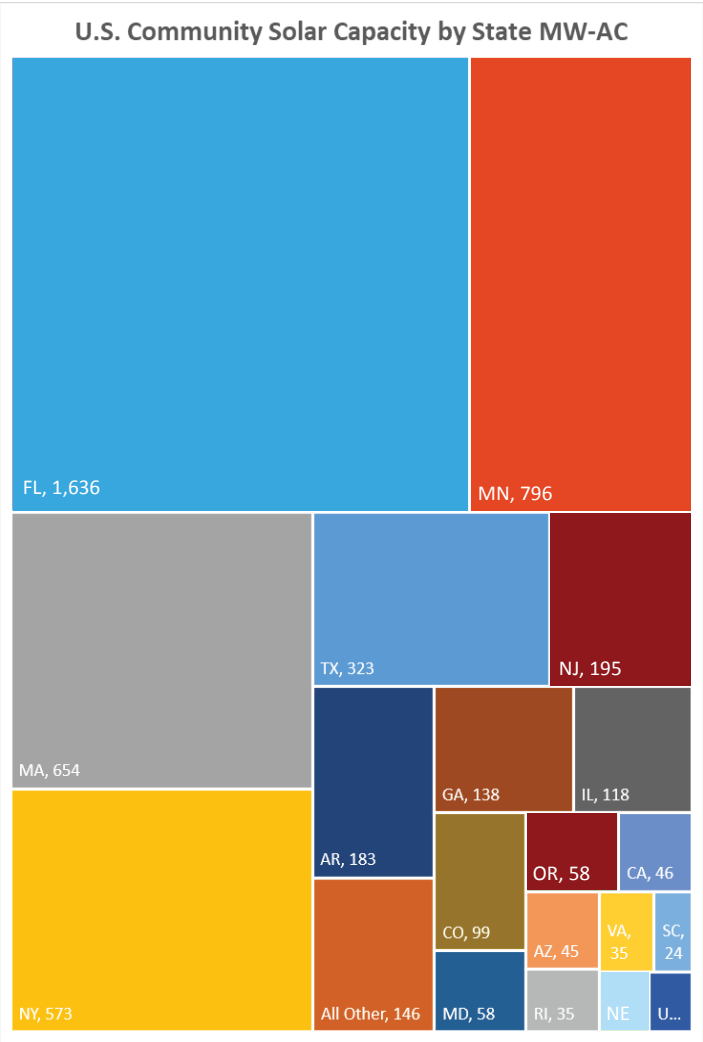


Figure 3: U.S. Community Solar Capacity by State MW-AC. 5,216 MW-AC total capacity across 42 states and DC

Interestingly, growth in community solar deployment is not clearly driven by either value or policy. For example, 48% of operational project capacity installed as of 2021 is occurring in states where there is no enabling legislation. Further, states with average or low energy costs, low renewable energy credit (REC) or incentive values, and low bill credit values are leading in terms of overall installed capacity.

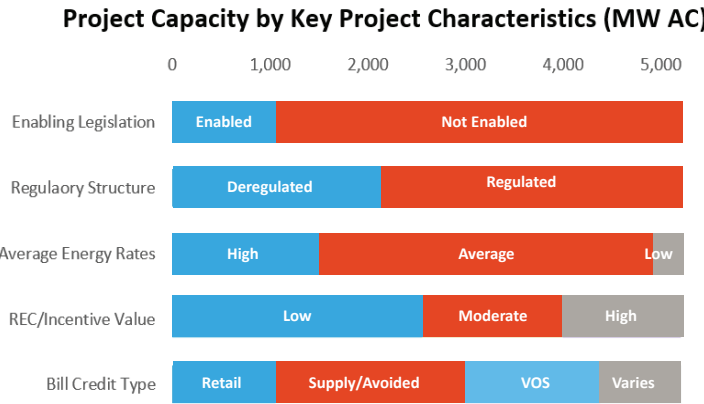


Figure 4: Community Solar Capacity by Key Project Characteristics 5,216 MW-AC of total community solar capacity in the U.S. as of Dec 2021 broken down by key project characteristics.

- Energy Rates: High >\$0.15, Average \$0.11 to \$0.15, Low <\$0.11.
- REC/Incentives Value: Low <10% of Value Stack, Moderate 10% to 25%, High >25%.

COMMUNITY SOLAR SERVING LOW- AND MODERATE-INCOME HOUSEHOLDS

As the cost of installation continues to decline and the community solar market becomes more competitive, the cost of subscriptions has come down, providing greater savings to a wider group of subscribers. But barriers still exist for LMI households to take part in the growing community solar segment. Even when savings are ensured, upfront costs for LMI subscribers can be a barrier. Delays in new subscribers receiving their first bill credits can be as long as 90 days for new projects. So, even when subscriber models promise no upfront costs, this leaves subscribers paying more upfront until bill credits are realized, and savings begin. This can be too steep a barrier for households with low incomes and a high energy burden.

These barriers to LMI participation need to be addressed, both because the longstanding issues of environmental justice and equity cannot be ignored, but also because the increasingly competitive community solar industry can't ignore the largest and fastest growing consumer market segment. LMI communities face an increased burden from the effects of climate change and the health impacts of a fossil fuel economy. Accelerating the growth of clean energy must benefit everyone, especially those who need it most. LIFT Solar research has found that serving LMI households is working and expanding quickly, with 2021 seeing four times the installed capacity of LMI-serving community solar than in 2020.

These barriers to LMI participation need to be addressed because of longstanding issues of environmental justice and equity, but also because the increasingly competitive community solar industry can't ignore the largest and fastest growing consumer market segment.

Both the solar and utility industries will also benefit by expanding their customer base in this increasingly competitive market. With nearly half of households in the U.S. experiencing low and moderate incomes, the industry cannot ignore this important segment.

The Impact of Policy on LMI Community Solar

While policy is playing less of a role in community solar more broadly, it is still clearly a driver for ensuring LMI participation. The policy and regulatory framework of a particular state can impact community solar in several ways. For example, states can enact legislation or create regulations that require utilities to allow community solar on their grid, or that requires specific bill credit mechanisms or rates, or they can establish renewable portfolio standards with community solar carve-outs. Policymakers can also create financial incentives in various forms.

For community solar that serves LMI households, policy becomes more important. In its recently published “Equitable Access to Community Solar” report (Heeter, Xi, 2021), NREL identified four general approaches to encourage equitable community solar development: (1) policy mandates, (2) financial incentives, (3) equity requirements, and (4) voluntary utility-led programs. LIFT research on LMI community solar projects found that the last category could be expanded to include projects developed in partnership with utilities but led by community-based organizations or others.

The LIFT Solar project identified 455 community solar projects in operation or in development across the country that use one of these approaches to require LMI participation. LIFT did not set specific project criteria for savings or income requirements for a project's data to be included in our study. However, all identified projects did require LMI participation, and all had some measurable level of savings. A list of data definitions is provided in Appendix 1,

and a list of all identified community solar projects serving LMI households is in Appendix 2.

When looking at all community solar capacity that specifically serves LMI households, the impact of policy is more important. Figure 5 below shows that when looking at community solar, nearly half of installed capacity operates in states with no enabling legislation. However, when looking specifically at capacity of community solar serving LMI households, 90% of that capacity operates within states that have enabling legislation. This same chart indicates that where LMI community solar serves both LMI and Non-LMI customers, greater capacity will be assigned to LMI households in states where enabling policy exists. Where these enabling policies exist, there are more likely to be specific requirements for LMI participation.

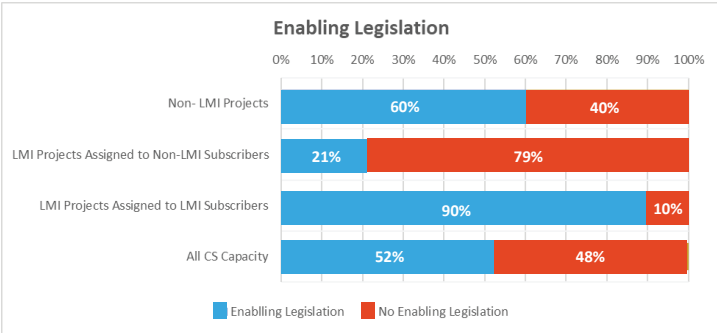


Figure 5: Community Solar Capacity by State Enabling Legislation 5,216 MW-AC of total community solar capacity broken down by fully non-LMI projects, and within LMI projects, capacity assigned to both LMI and non-LMI customers.

The regulatory structure appears to be less important, with an equal distribution of LMI serving capacity in regulated and deregulated states.

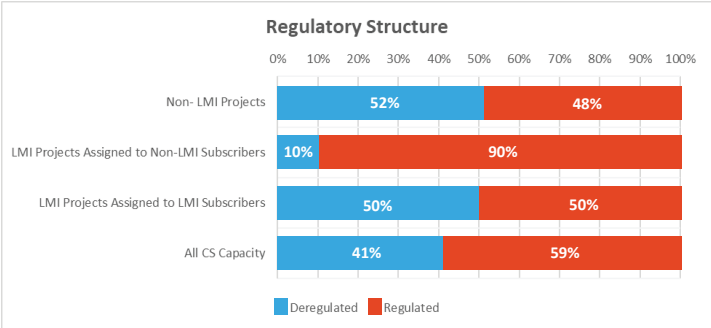


Figure 6: Community Solar Capacity by State Regulatory Structure 5,216 MW-AC of total community solar capacity broken down

by fully non-LMI projects, and within LMI projects, capacity assigned to both LMI and non-LMI customers.

The Impact of the Value Stack on LMI Community Solar

The concept of the value stack for community solar can be complex. Value stacking is commonly used in valuation processes to determine tariffs, bill credit rates, REC values, or other incentive values. Value stacking represents an analysis of each component of value coming from community solar. For example, the value of the energy produced, the incentives, tax benefits, etc. Value stacks can also include transmission costs, capacity, and environmental value, as well as demand reduction or locational value. But in the context of community solar investment value and our research, community solar value can be considered in a much simpler way.

For community solar investments, value comes primarily from the energy produced, tax benefits, and RECs or incentives. The value of the energy produced is typically based on the value of the energy when it's sold, or the payments received by subscribers. But the main driver of growth for community solar has come from the value of tax benefits and renewable energy credits. The higher the value for these components, the more likely subscriber savings will be higher – in some cases the value is high enough to allow for free solar to subscribers.

Tax benefits can be realized through the Investment Tax Credit (ITC) or via asset depreciation over time. RECs are a legislative tool that assigns value for the environmental benefits of solar separate from the energy value. States that have adopted renewable portfolio standards or otherwise enabled viable REC markets may mandate that states or utilities purchase a renewable energy credit for each megawatt hour of energy produced by a qualifying system. Sometimes the value of RECs is set through a regulatory process; the value of RECs may also be set through a competitive market process. For large community solar projects, this can mean hundreds of thousands of dollars or more in value to project developers. RECs can also be a mechanism

to accelerate LMI community solar by carving out blocks of REC funding or adders for LMI community solar. Other incentives can be in the form of volumetric (per kilowatt or kilowatt hour) incentives or other adders and incentives based on specific characteristics of community solar.

The impact of RECs and incentives on the acceleration of community solar deployment is clear. For community solar capacity specifically serving LMI customers, two thirds of that capacity operate within states with high REC value and only 11% of that capacity operates in states with low or no REC value.

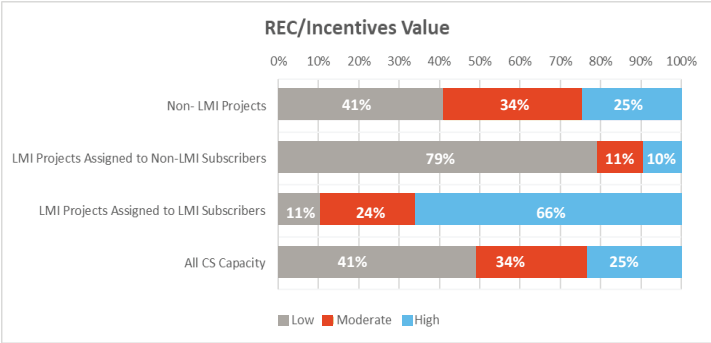


Figure 7: Community Solar Capacity by State REC/Incentive Value 5,216 MW-AC of total community solar capacity broken down by fully non-LMI projects, and within LMI projects, capacity assigned to both LMI and non-LMI customers.

LIFT solar was not able to collect tax treatment data for all community solar projects. We were, however, able to capture tax treatment for all LMI serving projects. Almost all projects (97%) of community solar projects with any portion of capacity serving LMI customers took advantage of tax benefits. This is true even for nonprofit and public sector project owners, who leveraged tax equity investment to strengthen their value stack. Tax equity investment has become a routine part of the solar industry and an important piece of the investment puzzle.

Finally, Bill Credits indirectly impact the value stack for community solar projects because they have a proportionate impact on the value that can come from subscription payments. The greater the bill credits, the greater potential value from subscription payments. For the portion of capacity that serves LMI customers, higher bill credits are the norm, with 71% of LMI capacity operating in

states with Retail or Value of Solar bill crediting.

However, most LMI community solar projects serve both LMI and non-LMI subscribers. Those that serve both LMI and non-LMI subscribers are more likely to be in states with a low bill credit rate. That means that those projects that are 100% dedicated to LMI subscribers are almost wholly in states with high bill credit values. This suggests that bill credit rates are more important to the value stack and feasibility of LMI community solar and less so for non-LMI community solar.

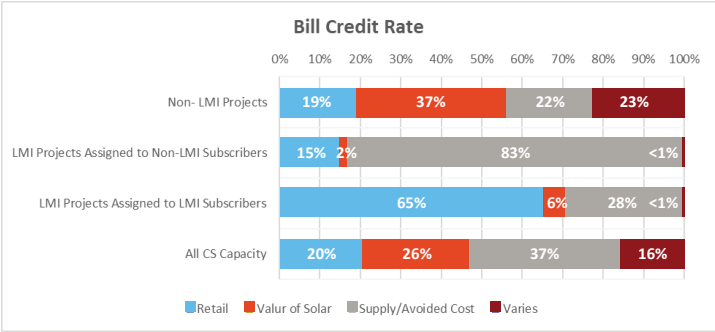


Figure 8: Community Solar Capacity by State Bill Credit Rate 5,216 MW-AC of total community solar capacity broken down by fully non-LMI projects, and within LMI projects, capacity assigned to both LMI and non-LMI customers.

For all components of the community solar value stack, it becomes clear that the higher the value, the more likely projects will serve LMI households and the greater the potential for meaningful savings to all subscribers. Project owners don’t have to share the value with subscribers (in the form of greater savings). LIFT Solar Customer Experience research found that most subscribers who pay a premium are Dissatisfied or Very Dissatisfied with their program.

States with community solar enabling legislation are more likely to have LMI specific carve-outs and incentives in some form, which directly accelerates community solar deployment serving LMI customers. The LIFT “Finance and Investment Performance for Community Solar Serving Low- and Moderate-Income Households” suggests that LMI community solar, from an investment perspective, is not that different from any other solar or community solar investment. LMI community solar projects share similar financial performance

thresholds, including those measured by Internal Rates of Return, Returns on Investment, Net Present Value, simple payback, etc. The early days of LMI community solar did not see RECs and incentives nearly as robust as they are today, and the risks of customer acquisition and retention (real and perceived) were untested. The markets, as well as the legislative and regulatory frameworks in many states, are very different today, allowing a more than twelvefold increase in LMI community solar capacity year on year over the past seven years, with the biggest year yet pending for 2022.

LMI Subscriber Savings

Policymakers, advocates, and regulators have sought to drive greater participation of LMI households among community solar subscribers. The primary motivation is to address longstanding issues of environmental justice by reducing energy burden on LMI households through subscriber savings. Participation without savings may provide some value for LMI subscribers, as we've learned from LIFT Solar "Customer Experience for Low- and Moderate-Income Community Solar Subscribers." This research found that helping the environment is a more important motivation for community solar subscribers than saving money. However, subscribers who pay a premium are significantly dissatisfied.

Measuring and delivering savings is, therefore, important. Savings was collected for all 455 LMI community solar projects identified across the U.S. Where specific savings are mandated or stated by the program or project administrator, that savings level was used. Where savings varies by project within a program, and no specific level of savings for that project was publicly available, the minimum savings requirement was used.

The first insight regarding LMI subscriber savings is in the context of policy. In states where no enabling legislation exists, average savings were only 21%. The average LMI subscriber savings in states with enabling legislation is 39%. That represents nearly twice the value reaching LMI subscribers. In states where enabling legislation exists, LMI participation is mandated through carve-outs or income-eligible

programs. Where these LMI participation mandates exist, there is often specific minimum savings requirement, but not always. Our research found programs that have a specific minimum savings requirement saved subscribers 66% on average. Programs with no minimum savings requirement saved subscribers only 27% on average. The importance of policy to LMI savings, whether statutory or regulatory, is clearly important.

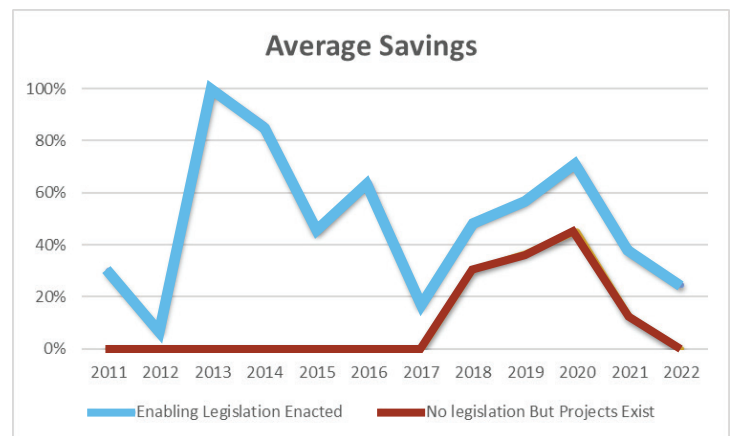


Figure 9: Average LMI Subscriber Savings Legislative Framework
Average savings for LMI subscribers only.

Average subscriber savings over time has been program specific and has not shown clear patterns. For example, in 2013 only small pilot projects went on-line in Colorado, all with 100% free solar for LMI subscribers. In 2020, Florida's SolarTogether went online with more than a gigawatt of community solar, but only 3% is set aside for LMI households and the savings for LMI households is only 13%.

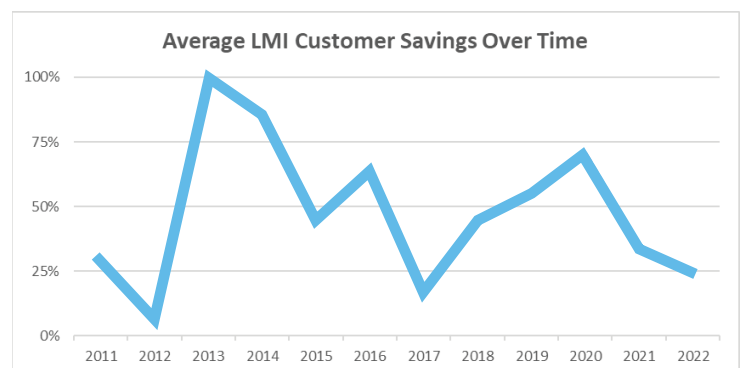


Figure 10: Average LMI Subscriber Savings by Year Energized
Average savings for LMI subscribers only.

The real trends begin in 2017, when the lion's

share of year-on-year capacity growth began to come online. There was a steady increase in average LMI subscriber savings from 2017 to 2019. Projects since have trended downwards, suggesting that LMI savings, unless specifically regulated, is leveling to a point comparable to the growing, competitive community solar subscriber market, i.e., about 20%.

The average LMI subscriber savings within a given state is interesting. However, the volume of capacity dedicated to LMI may be quite small. For example, North Carolina has 100% savings and only 2.7 MW online, and the District of Columbia has an average 98% LMI subscriber savings, with just over 20 MW online. Still, we applaud those projects and programs that prioritize savings, as well as the legislators and regulators who ensure robust LMI savings requirements are put in place.

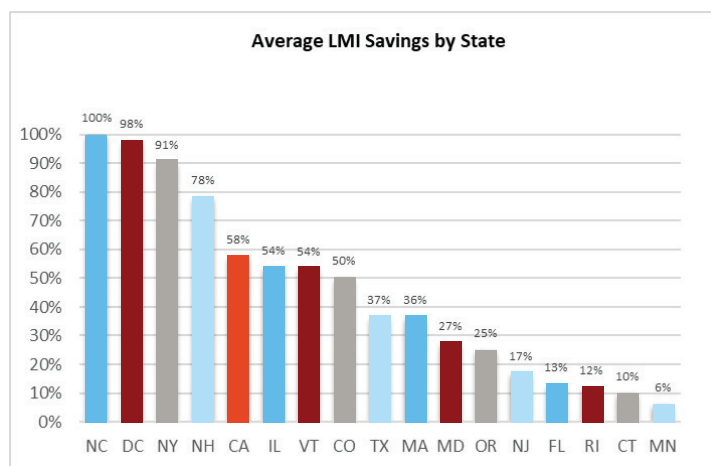


Figure 11: Average LMI Subscriber Savings by State Average savings for LMI subscribers only.

Siting and Installation

Installation data was captured for all community solar projects serving LMI subscribers. Not surprisingly, nearly 90% of all LMI community solar projects are ground mounted arrays. Ground mounted arrays are often less expensive to install, especially larger arrays, which allow for significant economies of scale. Community solar arrays are typically ground mounted and installed in rural or exurban areas, where land value is usually less expensive. This works because the array is not behind the cus-

tomers' meter but can serve subscribers in a wider area – usually within the same utility territory or county. However, in some quickly emerging markets, interconnection has become an issue for community solar in rural areas, with competitive interconnection queues making the overall installation costs more expensive. For example, in Illinois at the launch of the Adjustable Block and Illinois Solar for All Programs, competition on rural feeders drove up interconnection costs depending on a project's place in the interconnection queue, making many projects unfeasible. Conversely, rooftop projects on dense urban feeders cost significantly less to interconnect, compensating for higher land value.

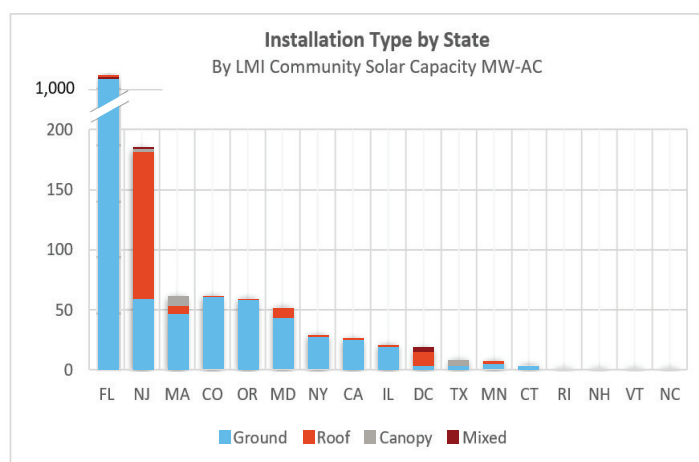
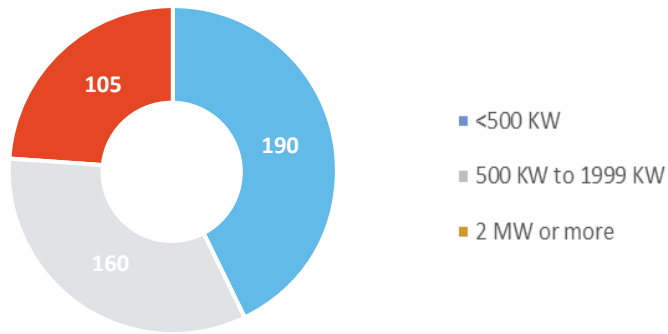


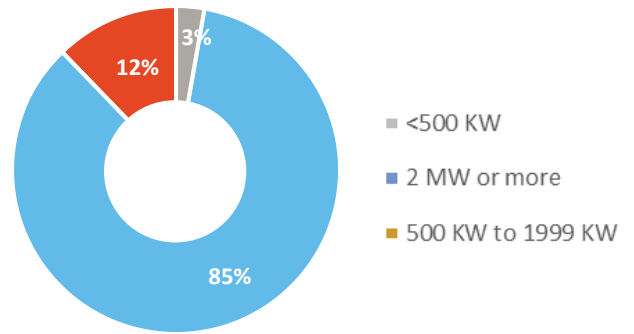
Figure 12: Installation Type by State All U.S. LMI Community Solar Projects MW-AC

As community solar becomes an important part of the solar industry, well-funded national firms have dominated the segment, demanding larger installations and greater economies of scale. When looking at community solar installation sizes, the number of projects in various project size categories is relatively equal (less than 500 kW, 500 KW to 1,999 KW, and projects 2 MW or larger). There is little difference in this breakdown for Non-LMI and LMI projects. However, when looking at overall capacity of community solar, larger projects (2 MW or larger) dominate the segment, with 83% of all community solar capacity coming from those projects. LMI community solar projects are no different, with 85% of all capacity coming from larger, 2 MW plus projects..

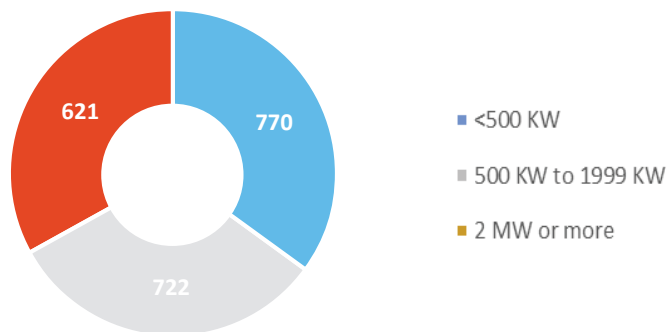
Number of Projects by System Size Category
LMI Community Solar Projects



Capacity of Projects by System Size Category
LMI Community Solar Projects



Number of Projects by System Size Category
All Community Solar Projects



Capacity of Projects by System Size Category
All Community Solar Projects

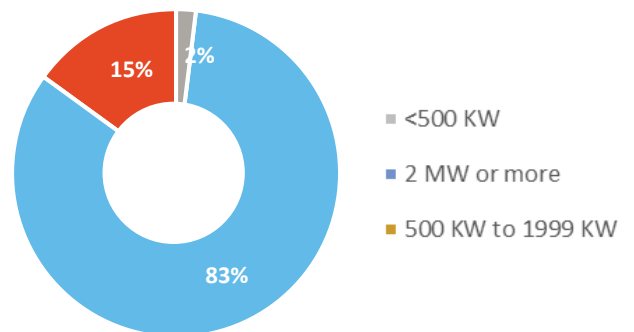


Figure 13: Number of Projects by System Size All U.S. community solar projects compared to LMI community solar projects.

Figure 14: Capacity of Projects by System Size All U.S. community solar projects compared to LMI community solar projects.

The earliest LMI community solar projects were small installations developed as pilot projects in rural cooperative utility (Coop) territories. Community solar installation within investor-owned utility (IOU) territories quickly gained traction and has been predominant since 2015. Often, Municipal and Cooperative utilities are not legislated or regulated in the same way as IOUs. Many legislative frameworks for community solar leave out Coop and Muni mandates or, at best, make them optional. Community Solar was first installed in Municipal Utility territory in 2015 and 2017 in Colorado. Now more than 33 MW of community solar are installed in Muni territory, with a 23 MW installation developed by the Imperial Irrigation District municipal utility in southern California.

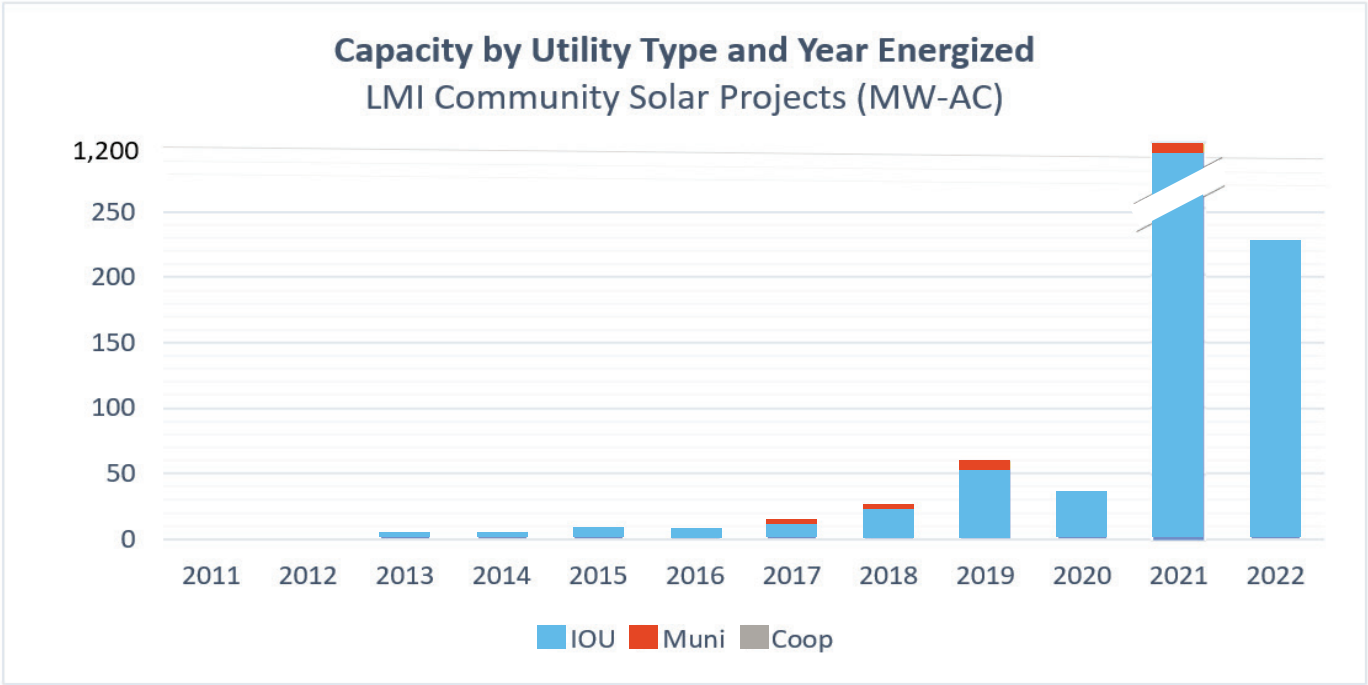


Figure 15: Capacity of LMI Projects by Utility Type and Year Energized All U.S. community solar projects serving LMI households.

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APPENDIX 1: DATA VARIABLE DEFINITIONS

Data Variable Collected	Description	Notes on Data Collection
Installation Name	The name of the specific installation	The name typically used by the project developer for program or interconnection application. These were often gathered from program administrator reports or interconnection/PUC reports.
Installation type	Either Ground, Roof, Canopy or Mixed	Where possible, installation were verified visually. Otherwise they were taken from program administrator or interconnection/PUC reports
Program Name	1) the entity that administers the state's mandated LMI community solar program, 2) the voluntary utility program, or 3) the independent commercial program	Where projects were not part of a specific program, the program name is the same as the project name
Year energized	The year the system was energized and operational	Typically taken from program administrator or interconnection/PUC reports.
Address	The physical address of the installation site	Typically taken from program administrator or interconnection/PUC reports. Some rural projects have no street address. Geo Codes were used in these instances, where possible.
City	City where system is sited	Typically taken from program administrator or interconnection/PUC reports.
State	State where system is sited	Typically taken from program administrator or interconnection/PUC reports.
Zip	Zip where system is sited	Typically taken from program administrator or interconnection/PUC reports.
Project status	Either Operational or in development. Development means funds were allocated and approved for the project.	Typically taken from program administrator or interconnection/PUC reports.
Utility Name	The name of the utility that holds the interconnection agreement for the project	Typically taken from program administrator or interconnection/PUC reports.
Developer/Owner	The entity that developed or currently owns the project	Typically taken from program administrator or interconnection/PUC reports. In a number of instances, distinction is not made between developer and current owner.
Total project capacity Size (KWac)	System Size in KW-AC	Where project sizes were reported in MW-DC, we have converted them to MW-AC using a 1.3 conversion factor. Where it was unclear whether capacity was in AC or DC, we have assumed AC.
LMI percent of total subscribers	The share of the project capacity that is serving LMI customers	Where project level information was available for specific levels of LMI participation, that data was used. Where no project level data was found, minimum LMI participation program requirements were used.
LMI project capacity Size (KWac)	The operational capacity (MW-AC) that is supplying LMI customers.	Multiplying the established system size in MW-AC by the established LMI share
Policy Mandate Type	Either Carve-out or Equity Requirement	Typically taken from program administrator guidelines or project websites
Utility Type	Investor Owned, Cooperative or Municipal electric utility name	Typically taken from program administrator or interconnection/PUC reports.
Regulatory Structure	Installed in a state where energy is either regulated or deregulated	Based solely on the state where the project was installed
Energy Rate Average	The nominal average energy rate for the state where the project is installed.	Based on average energy rate per kWh for the state, taken from the Energy Information Agency.
Energy Rate Category	Installed in a state where energy rates are categorized as either High (>\$0.15 per kWh), Average (\$0.11 to \$0.15 per kWh), or Low (<\$0.11 per kWh)	Based on average energy rate per kWh for the state, taken from the Energy Information Agency.
Community Solar Bill Credit Value	Installed in a state where bill credits require either 1) Full Retail Rate, 2) Value of Solar (VOS), or 3) Supply-only/Avoided Cost	Typically based on the requirements of the state where the project was installed. Where no requirements exist, taken from project website or guidelines.
Community Solar Enabling Legislation	Installed in a state where there is either 1) enabling legislation enacted, or 2) no legislation but projects exist	Based on U.S. Dept. of Energy Data
Value of State Level RECs & Subsidies	Installed in a state where RECs or incentives account for a minimum level of value in the project value stack. Low <10% of Value Stack, Moderate 10% to 25% of value stack, High >25% of value stack.	Modeled based on a 2 MW, ground mount system with an average installed cost per watt of \$2.00.
Tax Treatment	The project used tax incentives	Where financial information was available for a given project, tax treatment was identified. Where the developer or owner identified as an LLC, tax treatment was assumed. If neither was known, the tax exemption of the developer/owner was used.
LMI Customer Savings (category)	The category of LMI customer savings. Low (less than 20%), Moderate (20% to 50%), High (50% or more)	Categorizing the nominal savings value identified
Customer Savings (Nominal percentage)	The percent established as the average LMI customer savings for that project	Where data was available for specific project savings, that was recorded. Where project level savings was not available, the minimum savings requirements for the program were used.

APPENDIX 2: POLICY AND FINANCIAL DRIVERS BY STATE

State	Regulatory Type	Energy Rate Average	Energy Rate Category	Community Solar Bill Credit Value	Community Solar Enabling Legislation	Value of State Level RECs / Subsidies
Alabama	Regulated	\$0.13	Average	None	No Legislation or projects	Poor
Alaska	Regulated	\$0.23	Above Average	None	No Legislation or projects	Poor
Arizona	Regulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Arkansas	Regulated	\$0.10	Below Average	Varies by Utility	No legislation but projects exist	Poor
California	Deregulated	\$0.20	Above Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Good
Colorado	Regulated	\$0.12	Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Moderate
Connecticut	Deregulated	\$0.23	Above Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Poor
Delaware	Deregulated	\$0.13	Average	Full Retail	Enabling Legislation Enacted	Moderate
Florida	Regulated	\$0.11	Average	Supply-only/Avoided Cost	No legislation but projects exist	Poor
Georgia	Regulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Hawaii	Regulated	\$0.30	Above Average	Full Retail	Enabling Legislation Enacted	Poor
Idaho	Regulated	\$0.10	Below Average	Varies by Utility	No legislation but projects exist	Poor
Illinois	Deregulated	\$0.13	Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Good
Indiana	Regulated	\$0.13	Average	Varies by Utility	No legislation but projects exist	Poor
Iowa	Regulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Kansas	Regulated	\$0.13	Average	Varies by Utility	No legislation but projects exist	Poor
Kentucky	Regulated	\$0.11	Below Average	Varies by Utility	No legislation but projects exist	Poor
Louisiana	Regulated	\$0.10	Below Average	None	No Legislation or projects	Poor
Maine	Deregulated	\$0.17	Above Average	Full Retail	Enabling Legislation Enacted	Poor
Maryland	Deregulated	\$0.13	Average	Full Retail	Enabling Legislation Enacted	Good
Massachusetts	Deregulated	\$0.22	Above Average	Full Retail	Enabling Legislation Enacted	Moderate
Michigan	Deregulated	\$0.16	Above Average	Supply-only/Avoided Cost	No legislation but projects exist	Poor
Minnesota	Regulated	\$0.13	Average	Value of Solar	Enabling Legislation Enacted	Good
Mississippi	Regulated	\$0.11	Average	None	No Legislation or projects	Poor
Missouri	Regulated	\$0.11	Average	Varies by Utility	No legislation but projects exist	Poor
Montana	Regulated	\$0.11	Average	Varies by Utility	No legislation but projects exist	Poor
Nebraska	Regulated	\$0.11	Below Average	Varies by Utility	No legislation but projects exist	Poor



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State	Regulatory Type	Energy Rate Average	Energy Rate Category	Community Solar Bill Credit Value	Community Solar Enabling Legislation	Value of State Level RECs / Subsidies
Nevada	Regulated	\$0.11	Average	Varies by Utility	No legislation but projects exist	Poor
New Hampshire	Deregulated	\$0.19	Above Average	Full Retail	Enabling Legislation Enacted	Poor
New Jersey	Deregulated	\$0.16	Above Average	Full Retail	Enabling Legislation Enacted	Good
New Mexico	Regulated	\$0.13	Average	Varies by Utility	No legislation but projects exist	Poor
New York	Deregulated	\$0.18	Above Average	Value of Solar	Enabling Legislation Enacted	Moderate
North Carolina	Regulated	\$0.11	Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Poor
North Dakota	Regulated	\$0.10		Varies by Utility	No legislation but projects exist	Poor
Ohio	Deregulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Oklahoma	Regulated	\$0.10	Below Average	Varies by Utility	No legislation but projects exist	Poor
Oregon	Deregulated	\$0.11	Average	Full Retail	Enabling Legislation Enacted	Moderate
Pennsylvania	Deregulated	\$0.14	Average	None	No Legislation or projects	Poor
Rhode Island	Deregulated	\$0.22	Above Average	Full Retail	Enabling Legislation Enacted	Moderate
South Carolina	Regulated	\$0.13	Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Poor
South Dakota	Regulated	\$0.12	Average	None	No Legislation or projects	Poor
Tennessee	Regulated	\$0.11	Below Average	Varies by Utility	No legislation but projects exist	Poor
Texas	Deregulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Utah	Regulated	\$0.10	Below Average	Varies by Utility	No legislation but projects exist	Poor
Vermont	Regulated	\$0.20	Above Average	Value of Solar	Enabling Legislation Enacted	Poor
Virginia	Deregulated	\$0.12	Average	Varies by Utility	No legislation but projects exist	Poor
Washington	Regulated	\$0.10	Below Average	Supply-only/Avoided Cost	Enabling Legislation Enacted	Poor
Washington DC	Deregulated	\$0.13	Average	Full Retail	Enabling Legislation Enacted	Good
West Virginia	Regulated	\$0.12	Average	None	No Legislation or projects	Poor
Wisconsin	Regulated	\$0.14	Average	Varies by Utility	No legislation but projects exist	Poor
Wyoming	Regulated	\$0.11	Average	None	No Legislation or projects	Poor

APPENDIX 3: U.S. COMMUNITY SOLAR PROJECTS SERVING LOW- AND MODERATE-INCOME HOUSEHOLDS

Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	LMI Utility Type	LMI Cust. Sav. %
Imperial Solar	IID/Citizens community solar project	2021	23,080	Ground	Calipatria	CA	Citizens Energy Corporation	100%	Muni	5%
Port of Richmond Community Solar Project	Port of Richmond Community Solar Project	2021	760	Ground	Richmond	CA	GRID Alternatives	90%	IOU	100%
Anza Solar Farm	Santa Rosa Solar Project	2020	760	Ground	Mountain Center	CA	Anza Electric Coop Inc	100%	Coop	25%
Cottonwood Creek solar project	SOMAH	2021	246	Roof	Suisun City	CA	BRIDGE Housing	100%	IOU	100%
Rays Up Community Solar Project	Colorado Energy Office LICSG Pilot	2022	154	Ground	Steamboat Springs	CO	GRID Alternatives	100%	Coop	50%
Yampa Valley Community Solar Garden	Colorado Energy Office LICSG Pilot	2016	165	Ground	Craig	CO	Clean Energy Collective	100%	Coop	33%
San Miguel Community Solar Project	Colorado Energy Office LICSG Pilot	2017	197	Ground	Norwood	CO	Grid Alternatives	100%	Coop	27%
City of Aurora, Colorado's SolarTAC	Denver Housing Authority Community Solar	2017	1,540	Ground	Watkins	CO	Namaste Solar	100%	Muni	20%
Delta-Montrose Community Solar Proj.	DMEA Community Solar	2016	151	Ground	Montrose	CO	Grid Alternatives	100%	Coop	50%
Empire Electric Association	Empire Electric Association Community Solar	2016	26	Ground	Cortez	CO	Empire Electric Association	100%	Coop	50%
Riverside Community Solar Project	Fort Collins Community Solar	2015	62	Ground	Fort Collins	CO	Clean Energy Collective, LLC	100%	Muni	50%
Grand Valley Power Community Solar Project	Grand Valley Power Community Solar	2015	157	Ground	Grand Junction	CO	Grid Alternatives	80%	Coop	66%
Rifle Airport	Holy Cross Energy Income-qualified CS	2011	145	Ground	Rifle	CO	Grid Alternatives	100%	Coop	30%
Roaring Fork Valley	Holy Cross Energy Income-qualified CS	2014	1,400	Ground	Gypsum	CO	Clean Energy Collective, LLC	100%	Coop	30%
Coyote Ridge Community Solar Garden	PVREA Cooperative Solar	2017	1,950	Ground	Fort Collins	CO	Grid Alternatives	40%	Coop	12%
Spark CSG 1 LLC - Spark 1	Solar Rewards Community CO	2019	50	Roof	Denver	CO	Pivot Energy	17%	IOU	50%
SRC 050356 LLC - Spark 2	Solar Rewards Community CO	2019	50	Roof	Denver	CO	Pivot Energy	17%	IOU	50%
SRC050357 LLC	Solar Rewards Community CO	2018	77	Ground	Parachute	CO	Pivot Energy	5%	IOU	50%
Stanley Marketplace	Solar Rewards Community CO	2018	80	Roof	Aurora	CO	Pivot Energy	18%	IOU	50%
CEC SOLAR #1026, LLC	Solar Rewards Community CO	2014	89	Ground	Golden	CO	Clean Energy Collective	6%	IOU	100%
Breck Solar 1, LLC	Solar Rewards Community CO	2013	308	Ground	Denver	CO	Clean Energy Collective	5%	IOU	100%
Mesa Solar 1, LLC	Solar Rewards Community CO	2013	381	Ground	Boulder	CO	Clean Energy Collective	5%	IOU	100%
Can Solar 1, LLC	Solar Rewards Community CO	2013	382	Ground	Aurora	CO	Clean Energy Collective	5%	IOU	100%
Summit Solar I, LLC	Solar Rewards Community CO	2013	383	Ground	Breckenridge	CO	Clean Energy Collective	6%	IOU	100%
Community Energy Solar, LLC	Solar Rewards Community CO	2013	384	Ground	Lafayette	CO	Community Energy Solar, LLC	5%	IOU	100%
Lafayette Solar LLC	Solar Rewards Community CO	2013	384	Ground	Lafayette	CO	Community Energy Solar, LLC	5%	IOU	100%
GC Solar 2, LLC	Solar Rewards Community CO	2014	384	Ground	Denver	CO	GC Solar	5%	IOU	100%



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Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
Arapahoe Community Solar Garden I LLC	Solar Rewards Community CO	2015	384	Ground	Watkins	CO	SunShare	5%	IOU	50%
Denver Community Solar Carden I LLC	Solar Rewards Community CO	2015	384	Ground	Denver	CO	SunShare	5%	IOU	50%
Denver Community Solar Garden II LLC	Solar Rewards Community CO	2015	384	Ground	Denver	CO	SunShare	6%	IOU	50%
CEC Solar #1020, LLC	Solar Rewards Community CO	2013	384	Ground	Breckenridge	CO	Clean Energy Collective	5%	IOU	100%
CEC SOLAR #1022, LLC	Solar Rewards Community CO	2015	385	Ground	Leadville	CO	Clean Energy Collective	5%	IOU	10%
CEC SOLAR #1025, LLC	Solar Rewards Community CO	2015	385	Ground	Boulder	CO	Clean Energy Collective	5%	IOU	10%
Antonito Solar LLC	Solar Rewards Community CO	2014	385	Ground	Antonito	CO	Community Energy	5%	IOU	100%
CEC Solar #1037, LLC	Solar Rewards Community CO	2015	385	Ground	Aurora	CO	Clean Energy Collective	5%	IOU	10%
CEC SOLAR #1023, LLC	Solar Rewards Community CO	2014	438	Ground	Golden	CO	Clean Energy Collective	5%	IOU	100%
CO LI CSG 2 LLC - Kamerra	Solar Rewards Community CO	2019	770	Ground	Watkins	CO	Pivot Energy	68%	IOU	50%
Native Sun, LLC Tiny Town	Solar Rewards Community CO	2019	770	Ground	Tiny Town	CO	Pivot Energy	20%	IOU	50%
San Luis Solar Garden LLC	Solar Rewards Community CO	2017	1,153	Ground	Antonito	CO	Community Energy Solar	5%	IOU	50%
Jeffco Community Solar Gardens LLC	Solar Rewards Community CO	2016	1,154	Ground	Arvada	CO	SunShare	5%	IOU	50%
CEC Solar #1121, LLC	Solar Rewards Community CO	2017	1,527	Ground	Aurora	CO	Clean Energy Collective	5%	IOU	10%
CEC Solar #1122, LLC	Solar Rewards Community CO	2017	1,527	Ground	Watkins	CO	Clean Energy Collective	5%	IOU	10%
CEC Solar #1133, LLC	Solar Rewards Community CO	2017	1,527	Ground	Platteville	CO	Clean Energy Collective	5%	IOU	10%
CEC Solar #1119, LLC	Solar Rewards Community CO	2017	1,529	Ground	La Jara	CO	Clean Energy Collective	5%	IOU	10%
CEC Solar #1128, LLC	Solar Rewards Community CO	2017	1,529	Ground	Sterling	CO	Clean Energy Collective	5%	IOU	10%
CEC Solar #1130, LLC	Solar Rewards Community CO	2017	1,529	Ground	Watkins	CO	Clean Energy Collective	5%	IOU	10%
CO LI CSG 1 LLC - Kamerra	Solar Rewards Community CO	2019	1,530	Ground	Watkins	CO	Pivot Energy	100%	IOU	50%
Mesa CSG 1 LLC - Massicote	Solar Rewards Community CO	2019	1,530	Ground	Grand Junction	CO	Pivot Energy	10%	IOU	50%
Mtn Solar 1 LLC	Solar Rewards Community CO	2019	1,530	Ground	Watkins	CO	Pivot Energy	18%	IOU	50%
Mtn Solar 2 LLC	Solar Rewards Community CO	2019	1,530	Ground	Watkins	CO	Pivot Energy	11%	IOU	50%
Mesa CSG 2 LLC - Massicote	Solar Rewards Community CO	2019	1,535	Ground	Palisade	CO	Pivot Energy	6%	IOU	50%
Imboden II Solar LLC	Solar Rewards Community CO	2018	1,535	Ground	Watkins	CO	SunShare	6%	IOU	50%
Imboden III Solar LLC	Solar Rewards Community CO	2018	1,535	Ground	Watkins	CO	SunShare	6%	IOU	50%
Lafayette Horizon Solar CSG LLC	Solar Rewards Community CO	2019	1,535	Ground	Lafayette	CO	Community Energy Solar, LLC	5%	IOU	50%
Oak Leaf Solar XXI LLC	Solar Rewards Community CO	2018	1,536	Ground	Watkins	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXVII LLC	Solar Rewards Community CO	2018	1,536	Ground	Denver	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXXI LLC	Solar Rewards Community CO	2018	1,536	Ground	Palisade	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXII LLC	Solar Rewards Community CO	2019	1,536	Ground	Denver	CO	Oak Leaf Solar	5%	IOU	50%

Installation Name	Program Name	Year Ener- gized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
Oak Leaf Solar XXIII LLC	Solar Rewards Community CO	2019	1,536	Ground	Watkins	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXIV LLC	Solar Rewards Community CO	2019	1,536	Ground	Watkins	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXIX LLC	Solar Rewards Community CO	2019	1,536	Ground	Platteville	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXV LLC	Solar Rewards Community CO	2019	1,536	Ground	Watkins	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXVI LLC	Solar Rewards Community CO	2019	1,536	Ground	Denver	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXVIII LLC	Solar Rewards Community CO	2019	1,536	Ground	Platteville	CO	Oak Leaf Solar	5%	IOU	50%
Oak Leaf Solar XXXII LLC	Solar Rewards Community CO	2019	1,536	Ground	Rifle	CO	Oak Leaf Solar	5%	IOU	50%
Quincy II Solar Garden LLC	Solar Rewards Community CO	2018	1,537	Ground	Aurora	CO	SunShare	5%	IOU	6%
Oak Leaf Solar XXX LLC	Solar Rewards Community CO	2018	1,540	Ground	Alamosa	CO	Oak Leaf Solar	12%	IOU	50%
Adams Community Solar Garden	Solar Rewards Community CO	2015	3,050	Ground	Bennett	CO	SunShare	8%	IOU	50%
Bloomfield Community Solar	Shared Clean Energy Facilities Program	2019	154	Ground	Bloomfield	CT	Clean Energy Collective	20%	IOU	10%
USS Shelton SCEF Installation	Shared Clean Energy Facilities Program	2020	1,231	Ground	Shelton	CT	United States Solar Corp.	10%	IOU	10%
Riverside Thompson SCEF Installation	Shared Clean Energy Facilities Program	2020	1,538	Ground	Thompson	CT	CHIP Fund 5, LLC	10%	IOU	10%
4020 S Capitol Street SE Apartments	DC Solar for All	2020	17	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
6616 Georgia Ave NW Apartments	DC Solar for All	2020	21	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
6626 Georgia Ave NW Apartments	DC Solar for All	2020	21	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
6606 Georgia Ave NW Apartments	DC Solar for All	2020	22	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Lightview Cooperative (6600 Georgia Ave NW)	DC Solar for All	2020	22	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
1850 U Street SE Apartments	DC Solar for All	2020	34	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
3986 Pennsylvania Ave SE Apartments	DC Solar for All	2020	48	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Park View Terrace Condos (Glover Park)	DC Solar for All	2019	55	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Echostage	DC Solar for All	2020	55	Roof	Washington	DC	New Columbia Solar	24%	IOU	100%
EQ Flats	DC Solar for All	2020	55	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
St. Luke Baptist Church Community Solar Project	DC Solar for All	2020	60	Roof	Washington	DC	Groundswell	100%	IOU	100%
Hughes Memorial United Methodist Church	DC Solar for All	2021	60	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Progressive National Baptist Conven- tion	DC Solar for All	2016	70	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
5112 Connecticut Ave NW Coop	DC Solar for All	2020	70	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Hunter Place 1	DC Solar for All	2020	72	Roof	Washington	DC	Flywheel Development	100%	IOU	100%

Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
Harrison Condos (5201 Wisconsin Ave NW)	DC Solar for All	2021	90	Roof	Washington	DC	SaveSolar	100%	IOU	100%
3920 South Capitol St SE	DC Solar for All	2020	94	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Dupont Park Apartments Community Solar Project	DC Solar for All	2020	100	Mixed	Washington	DC	Groundswell	100%	IOU	100%
Abrams Hall Apartments	DC Solar for All	2021	100	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
Capital Area Food Bank	DC Solar for All	2021	100	Roof	Washington	DC	Greenscape Environmental Services	100%	IOU	100%
St. James Mutual Homes	DC Solar for All	2020	120	Roof	Washington	DC	SaveSolar	100%	IOU	100%
Firehouse 27	DC Solar for All	2021	120	Roof	Washington	DC	SaveSolar	100%	IOU	100%
Horning Girard	DC Solar for All	2021	120	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Glorious Health Club	DC Solar for All	2020	140	Mixed	Washington	DC	New Columbia Solar	100%	IOU	100%
Townhomes on Capitol Hill - North	DC Solar for All	2021	140	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Savoy Court	DC Solar for All	2016	170	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
2nd Street NE	DC Solar for All	2020	170	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
Potomac Place Condos	DC Solar for All	2019	200	Roof	Washington	DC	Greenscape Environmental Services	100%	IOU	100%
Novo Properties	DC Solar for All	2020	210	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Savannah Heights Apartments (AHD)	DC Solar for All	2020	210	Mixed	Washington	DC	New Columbia Solar	100%	IOU	100%
3105 -3113 Naylor Rd SE	DC Solar for All	2020	215	Roof	Washington	DC	New Columbia Solar	0%	IOU	100%
Sargent Memorial Presbyterian Church	DC Solar for All	2021	220	Roof	Washington	DC	Groundswell	25%	IOU	100%
Fairfax Commons	DC Solar for All	2021	228	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
Randolph Apartments	DC Solar for All	2021	300	Roof	Washington	DC	Greenscape Environmental Services	100%	IOU	100%
NHTIP Community Benefit Project 1 (1405 Brentwood Parkway NE)	DC Solar for All	2019	322	Mixed	Washington	DC	Urban Ingenuity	20%	IOU	100%
Fairfax Village Condominiums	DC Solar for All	2021	581	Roof	Washington	DC	Flywheel Development	100%	IOU	100%
Demers Real Estate - 938 V Street NE	DC Solar for All	2020	600	Roof	Washington	DC	Greenscape Environmental Services	100%	IOU	100%
Parkway Overlook (NEO)	DC Solar for All	2021	1,010	Roof	Washington	DC	NEO	100%	IOU	50%
Fort Chaplin Park Apartments - North Lot 1	DC Solar for All	2020	1,050	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Children's National Research & Innovation Campus	DC Solar for All	2021	1,140	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Horning Brothers Apartments	DC Solar for All	2020	1,400	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Paradise At Parkside Apartments	DC Solar for All	2019	1,440	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%

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Rhode Island Row 1	DC Solar for All	2021	1,580	Mixed	Washington	DC	Urban Ingenuity	100%	IOU	100%
Ridgecrest Village Apartments	DC Solar for All	2021	2,200	Roof	Washington	DC	NEO	100%	IOU	100%
Oxon Run	DC Solar for All	2021	2,650	Ground	Washington	DC	Grid Alternatives	100%	IOU	50%
1221 Van Buren St NW Apartments	SharePower	2020	22	Roof	Washington	DC	New Columbia Solar	100%	IOU	100%
Dupont Park Church and School	SharePower	2020	168	Roof	Washington	DC	Groundswell	100%	IOU	100%
Friars Community Solar Project	SharePower	2020	200	Ground	Washington	DC	Groundswell	25%	IOU	100%
Orlando Utilities Commission - New Horizons	New Horizons	2018	52	Roof	Orlando	FL	Orlando Utilities Commission	100%	Muni	20%
FPL Discovery Solar Energy Center, Brevard County	SolarTogether - SunAssist	2021	74,500	Ground	Cocoa	FL	Florida Power & Light Company	3%	IOU	13%
FPL Egret Solar Energy Center, Baker County	SolarTogether - SunAssist	2021	74,500	Ground	Glen St Mary	FL	Florida Power & Light Company	3%	IOU	13%
FPL Fort Drum Solar Energy Center, Okeechobee County	SolarTogether - SunAssist	2021	74,500	Ground	Okeechobee County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Lakeside Solar Energy Center, Okeechobee County	SolarTogether - SunAssist	2021	74,500	Ground	Okeechobee County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Magnolia Springs Solar Energy Center, Clay County	SolarTogether - SunAssist	2021	74,500	Ground	Clay County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Nassau Solar Energy Center, Nassau County	SolarTogether - SunAssist	2021	74,500	Ground	Nassau County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Orange Blossom Solar Energy Center, Indian River County	SolarTogether - SunAssist	2021	74,500	Ground	Indian River County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Palm Bay Solar Energy Center, Brevard County	SolarTogether - SunAssist	2021	74,500	Ground	Brevard County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Pelican Solar Energy Center, St. Lucie County	SolarTogether - SunAssist	2021	74,500	Ground	St. Lucie County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Rodeo Solar Energy Center, DeSoto County	SolarTogether - SunAssist	2021	74,500	Ground	DeSoto County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Sabal Palm Solar Energy Center, Palm Beach County	SolarTogether - SunAssist	2021	74,500	Ground	Palm Beach County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Trailside Solar Energy Center, St. Johns County	SolarTogether - SunAssist	2021	74,500	Ground	St. Johns County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Union Springs Solar Energy Center, Union County	SolarTogether - SunAssist	2021	74,500	Ground	Union County	FL	Florida Power & Light Company	3%	IOU	13%
FPL Willow Solar Energy Center, Manatee County	SolarTogether - SunAssist	2021	74,500	Ground	Manatee County	FL	Florida Power & Light Company	3%	IOU	13%
ILSFA: 2206 Dale Drive	Illinois Solar for All	2020	20	Roof	Champaign	IL	Solar Sense, Inc.	100%	IOU	50%
ILSFA: 909 W Kirby Ave. Champaign	Illinois Solar for All	2021	30	Roof	Champaign	IL	Solar Sense, Inc.	100%	IOU	50%



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ILSFA: 1850 County Road 2280 E, Watseka	Illinois Solar for All	2022	190	Ground	Watseka	IL	Novel Energy Solutions LLC	60%	IOU	50%
ILSFA: 3620 E Main Street	Illinois Solar for All	2022	500	Ground	Danville	IL	Central Road Energy LLC	60%	IOU	50%
Christ for Everyone Church	Illinois Solar for All	2018	663	Ground	Chicago Heights	IL	Groundswell	76%	IOU	50%
ILSFA: 932 Harrison Street, Galesburg	Illinois Solar for All	2020	750	Ground	Galesburg	IL	Promethean Solar	60%	IOU	50%
ILSFA: 6702 Bond Avenue, Cahokia	Illinois Solar for All	2022	1,000	Ground	Cahokia	IL	Promethean Solar	100%	IOU	50%
ILSFA: 3429 Camp Jackson Rd, Cahokia	Illinois Solar for All	2021	1,030	Ground	Cahokia	IL	Promethean Solar	100%	IOU	50%
ILSFA: 1400 Twombly Rd. DeKalb IL	Illinois Solar for All	2021	2,000	Ground	DeKalb	IL	SA Energy	100%	IOU	50%
ILSFA: 1166 N. HORSMAN ST Rockford	Illinois Solar for All	2022	2,000	Ground	Rockford	IL	Nexamp	88%	IOU	100%
ILSFA: 2300 E Barr Ave, Urbana	Illinois Solar for All	2022	3,700	Ground	Urbana	IL	SunPower Corporation, Sys.	70%	IOU	50%
ILSFA: 11400 S Torrence	Illinois Solar for All	2022	3,900	Ground	Chicago	IL	Community Power Group	100%	IOU	50%
ILSFA: Kankakee Give-A-Ray	Illinois Solar for All	2022	4,000	Ground	Kankakee	IL	Fosler Construction	90%	IOU	50%
Newton Department of Public Works parking lot canopy	Community Solar Share Initiative	2021	37	Canopy	Newton	MA	Ameresco	40%	IOU	100%
Congregation Beth Elohim	Congregation Beth Elohim Community Solar	2020	300	Canopy	Acton	MA	621 Energy	15%	IOU	25%
Joe4Sun: Ayer Installation	JOE-4Sun	2020	750	Ground	Ayer	MA	Citizens Enterprises Corp.	100%	IOU	50%
Joe4Sun: Bridgewater Installation	JOE-4Sun	2020	820	Ground	Bridgewater	MA	Citizens Enterprises Corp.	100%	IOU	50%
Joe4Sun: Spencer Installation	JOE-4Sun	2020	2,350	Ground	Spencer	MA	Citizens Enterprises Corp.	100%	IOU	50%
Joe4Sun: Springfield Installation	JOE-4Sun	2020	3,520	Ground	Springfield	MA	Citizens Enterprises Corp.	100%	IOU	50%
Joe4Sun: Ashland, MA	JOE-4Sun	2020	6,910	Ground	Ashland	MA	Citizens Enterprises Corp.	100%	IOU	50%
Onset Water District	Onset Shared Solar Project	2018	2,000	Ground	Wareham	MA	BlueHub Capital	12%	IOU	20%
Quittracus Solar LLC	SMART	2022	62	Ground	Acushnet	MA	Hurricane Hill Development Company PLLC	51%	IOU	35%
DH-MA Solar Owner 1, LLC	SMART	2022	62	Ground	Freetown	MA		51%	IOU	35%
Green Earth Energy Photovoltaic	SMART	2022	86	Roof	East Longmeadow	MA		51%	IOU	35%
Phytoplankton Maynard Solar, LLC	SMART	2022	87	Roof	Maynard	MA	Phytoplankton Maynard Solar, LLC	51%	IOU	35%
NexGrid Inkwood LLC	SMART	2022	100	Canopy	New Bedford	MA		51%	IOU	35%
NextGrid Paulownia LLC	SMART	2022	100	Roof	Newton	MA		51%	IOU	35%
Parallel Products Solar Energy, LLC - 2	SMART	2022	100	Roof	New Bedford	MA	Parallel Products Solar Energy, LLC	51%	IOU	35%
NextGrid Canella LLC	SMART	2022	125	Roof	Framingham	MA		51%	IOU	35%
NextGrid Falsebox LLC	SMART	2022	125	Canopy	Ashland	MA		51%	IOU	35%

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NextGrid Snowberry LLC - 1	SMART	2022	125	Ground	Holliston	MA		51%	IOU	35%
66 Winchester Solar LLC	SMART	2022	133	Roof	Newton	MA		51%	IOU	35%
SR Mass Solar 21, LLC	SMART	2022	149	Ground	Dartmouth	MA	CSG Developers LLC dba Commercial Solar Guy	51%	IOU	35%
Parallel Products Solar Energy, LLC - 3	SMART	2022	150	Roof	New Bedford	MA	Parallel Products Solar Ener- gy, LLC	51%	IOU	35%
DH-MA Solar Owner 1 LLC	SMART	2022	150	Ground	Wareham	MA	Hurricane Hill Development Company PLLC	51%	IOU	35%
NextGrid Snowberry LLC - 2	SMART	2022	175	Roof	Holliston	MA		51%	IOU	35%
NextGrid Rapanea LLC	SMART	2022	186	Roof	Barnstable	MA		51%	IOU	35%
NextGrid Lyonina LLC	SMART	2022	188	Roof	Sherborn	MA		51%	IOU	35%
NextGrid Snowberry LLC - 3	SMART	2022	188	Roof	Holliston	MA		51%	IOU	35%
Sunwealth Power Inc.	SMART	2022	200	Canopy	New Bedford	MA	Sunwealth Power Inc.	51%	IOU	35%
Phytoplankton Framingham Solar LLC	SMART	2022	207	Canopy	Framingham	MA	Phytoplankton Framingham Solar LLC	51%	IOU	35%
NextGrid Sophora LLC - Canopy	SMART	2022	213	Canopy	Canton	MA		51%	IOU	35%
Phytoplankton 358 Waltham Solar LLC	SMART	2022	233	Roof	Waltham	MA	Phytoplankton 358 Waltham Solar LLC	51%	IOU	35%
NextGrid Canella LLC	SMART	2022	240	Canopy	Framingham	MA		51%	IOU	35%
NextGrid Toyon LLC	SMART	2022	250	Canopy	New Bedford	MA		51%	IOU	35%
NextGrid Papaya LLC - 1	SMART	2022	250	Canopy	Hanover	MA		51%	IOU	35%
NextGrid Papaya LLC - 2	SMART	2022	250	Roof	Hanover	MA		51%	IOU	35%
130 Commerce Way Solar LLC	SMART	2022	250	Roof	Woburn	MA	MassAmerican Energy LLC	51%	IOU	35%
201 Oak Street Solar LLC	SMART	2022	250	Roof	Pembroke	MA		51%	IOU	35%
53 Jeffrey Ave Solar LLC	SMART	2022	250	Roof	Holliston	MA		51%	IOU	35%
612 Plain Street Solar LLC	SMART	2022	250	Roof	Marshfield	MA		51%	IOU	35%
991 Airport Rd Solar LLC	SMART	2022	250	Roof	Fall River	MA		51%	IOU	35%
MassAmerican Energy LLC	SMART	2022	250	Roof	Tyngsborough	MA	MassAmerican Energy LLC	51%	IOU	35%
NextGrid Seagrape LLC	SMART	2022	250	Roof	Avon	MA		51%	IOU	35%
NextGrid Sophora LLC - Roof	SMART	2022	250	Roof	Canton	MA		51%	IOU	35%
NextGrid Tamerisk LLC	SMART	2022	250	Canopy	Hopedale	MA		51%	IOU	35%
Tyngsboro Sports 1 Solar LLC	SMART	2022	250	Roof	Tyngsborough	MA	MassAmerican Energy LLC	51%	IOU	35%
Omni Navitas Holdings LLC	SMART	2022	480	Canopy	Waltham	MA	Omni Navitas Holdings LLC	51%	IOU	35%
2130 Providence Highway Solar LLC	SMART	2022	486	Roof	Walpole	MA	MassAmerican Energy LLC	51%	IOU	35%

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NextGrid Berrytree LLC	SMART	2022	499	Canopy	Canton	MA		51%	IOU	35%
NextGrid Vauquelinia	SMART	2022	499	Roof	New Bedford	MA	NextGrid, Inc	51%	IOU	35%
Next Grid Plum, LLC	SMART	2022	499	Roof	Sharon	MA		51%	IOU	35%
NextGrid Papaya LLC - 3	SMART	2022	499	Roof	Hanover	MA		51%	IOU	35%
NextGrid Mazzard LLC	SMART	2022	500	Roof	Leominster	MA		51%	IOU	35%
NextGrid Princewood LLC	SMART	2022	500	Canopy	Mashpee	MA		51%	IOU	35%
Madison Park Development (17 rooftops)	SMART	2021	580	Roof	Boston	MA	Resonant Energy	100%	IOU	35%
	SMART	2022	750	Canopy	Welfleet	MA	Nextgrid Inc	51%	IOU	35%
NextGrid Pagoda Tree LLC	SMART	2022	900	Ground	Plymouth	MA	RPMA Solar 1, LLC	51%	IOU	35%
RPMA Solar 1, LLC	SMART	2022	996	Ground	Franklin	MA		51%	IOU	35%
Kearsarge Upper Union LLC	SMART									
Parallel Products Solar Energy, LLC - 1	SMART	2022	999	Canopy	New Bedford	MA	Parallel Products Solar Energy, LLC	51%	IOU	35%
Conti Solar	SMART	2021	1,506	Ground	Falmouth	MA		51%	IOU	35%
BWC Artichoke Reservoir, LLC	SMART	2022	1,650	Ground	Newburyport	MA		51%	IOU	35%
Emerald Marshfield LLC	SMART	2022	2,100	Canopy	Marshfield	MA		51%	IOU	35%
LSE Ophiuchus LLC	SMART	2022	2,125	Ground	Sandwich	MA		51%	IOU	35%
Agilitas Auburn Community Solar	SMART	2021	3,000	Ground	Auburn	MA	Agilitas Energy	51%	IOU	35%
Borrego Solar Systems, Inc	SMART	2022	3,881	Ground	Hampden	MA		51%	IOU	35%
Particle Wave LLC and Zhulong LLC	SMART	2022	4,950	Ground	Williamsburg	MA	Agilitas Energy	51%	IOU	35%
ZPD-PT Solar Project 2017-020 LLC	SMART	2022	4,950	Ground	Leicester	MA	ZPD-PT Solar Project 2017-020 LLC	51%	IOU	35%
BlueWave MA, LLC	SMART	2022	4,980	Ground	Palmer	MA		51%	IOU	35%
Temple Emunah	Temple Emunah Community Solar	2020	340	Canopy	Lexington	MA	Resonant Energy	50%	Coop	20%
Burns Solar One, LLC	BGE Community Solar Pilot Program	2020	1,980	Ground	Reisterstown	MD	Burns Solar One, LLC	30%	IOU	25%
Telegraph Road Installation	Delmarva Power CSEG Pilot	2019	1,000	Roof	Elkton	MD	SGC Power LLC/ Nautilus Solar Energy	30%	IOU	25%
Flintstone Community Solar Project	Flintstone Community Solar Project	2021	2,700	Ground	Allegany County	MD	Ogos Energy LLC	30%	IOU	25%
Kingsville Community Solar	Kingsville Community Solar	2021	2,000	Ground	Kingsville	MD	Nautilus Solar	30%	IOU	25%
Sunstone Energy Development LLC - Old Dorsey Run Rd	Maryland Community Solar Pilot Program	2022	400	Roof	Jessup	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Sunstone Energy Development LLC - Quarry Dr	Maryland Community Solar Pilot Program	2021	450	Roof	Edgewood	MD		30%	IOU	25%

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Sunstone Energy Development LLC - Preston Ct	Maryland Community Solar Pilot Program	2022	450	Roof	Jessup	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Sunstone Energy Development LLC - Hunt Valley	Maryland Community Solar Pilot Program	2022	500	Roof	Hunt Valley	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Sunstone Energy Development LLC - Glenn Dale	Maryland Community Solar Pilot Program	2022	600	Roof	Glenn Dale	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Sunstone Energy Development LLC - Mercedes Drive	Maryland Community Solar Pilot Program	2021	700	Roof	Edgewood	MD		30%	IOU	25%
Sunstone Energy Development LLC - Glenn Dale	Maryland Community Solar Pilot Program	2022	750	Roof	Glenn Dale	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Sunstone Energy Development LLC - Elkridge	Maryland Community Solar Pilot Program	2022	850	Roof	Elkridge	MD	Obsidian I Sunstone Fort Meade Holding, LLC	30%	IOU	25%
Ogos Energy LLC	Maryland Community Solar Pilot Program	2022	1,080	Roof	Westminster	MD	Ogos Energy LLC	30%	IOU	25%
NCS Meadows LLC	Maryland Community Solar Pilot Program	2022	1,349	Roof	District Heights	MD		30%	IOU	25%
Distributed Solar Operations, LLC	Maryland Community Solar Pilot Program	2022	1,500	Ground	Capitol Heights	MD		30%	IOU	25%
SGC Power, LLC - Upper Marlboro	Maryland Community Solar Pilot Program	2022	1,625	Ground	Upper Marlboro	MD		30%	IOU	25%
Meade Communities LLC	Maryland Community Solar Pilot Program	2022	1,700	Ground	Hampstead	MD	Meade Communities LLC	30%	IOU	25%
Chesapeake Energy One, LLC	Maryland Community Solar Pilot Program	2020	1,750	Ground	Reisterstown	MD		51%	IOU	25%
P52ES 1755 Henryton Rd Phase 1 LLC	Maryland Community Solar Pilot Program	2021	1,900	Ground	Marriottsville	MD	Nautilus Solar Solutions	51%	IOU	25%
Legore Solar Energy Center, LLC	Maryland Community Solar Pilot Program	2021	1,950	Ground	Woodsboro	MD	Legore Solar Energy Center, LLC	30%	IOU	25%
Earth and Air Technologies, LLC	Maryland Community Solar Pilot Program	2018	1,980	Ground	Mt. Airy	MD		30%	IOU	25%
Power52 Foundation - West Friendship	Maryland Community Solar Pilot Program	2022	1,990	Ground	West Friendship	MD		51%	IOU	25%
Power52 Foundation - Calrksville	Maryland Community Solar Pilot Program	2022	1,999	Ground	Clarksville	MD		51%	IOU	25%
Bulldog Solar One, LLC	Maryland Community Solar Pilot Program	2020	2,000	Ground	Bowie	MD	Nautilus Solar	51%	IOU	25%
TPE MD MO32, LLC	Maryland Community Solar Pilot Program	2021	2,000	Ground	Spencerville	MD		30%	IOU	25%
Elktron Blue Solar, LLC	Maryland Community Solar Pilot Program	2022	2,000	Ground	Elkton	MD	Elkton Blue Solar, LLC	30%	IOU	25%
SGC Power, LLC - Hancock	Maryland Community Solar Pilot Program	2022	2,000	Ground	Hancock	MD		30%	IOU	25%
SolHarvest Energy, LLC	Maryland Community Solar Pilot Program	2022	2,000	Ground	Salisbury	MD	SolHarvest Energy, LLC	30%	IOU	25%
Oaks Landfill	Maryland Community Solar Pilot Program	2022	4,000	Ground	Olney	MD	Ameresco, Inc.	100%	IOU	25%
Hancock Installation	Potomac Edison Community Solar Pilot Program	2019	2,000	Ground	Hancock	MD	SGC Power LLC/ Nautilus Solar Energy	30%	IOU	25%
Paddington Square Apartments	SharePower	2021	273	Roof	Silver Spring	MD	Groundswell	30%	IOU	100%
Shepherd's Mill (Union Bridge)	Shepherd's Mill Community Solar Project	2021	4,000	Ground	Carroll County	MD	Ogos Energy LLC	30%	IOU	25%
Shiloh Temple International Ministries	Cooperative Energy Futures CS Garden	2018	200	Roof	Minneapolis	MN	Cooperative Energy Futures	60%	IOU	6%

Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
Pax Christi Church	Cooperative Energy Futures CS Garden	2019	200	Roof	Eden Prairie	MN	Cooperative Energy Futures	60%	IOU	6%
Clark's Grove	Cooperative Energy Futures CS Garden	2019	330	Ground	Clark's Grove	MN	Cooperative Energy Futures	100%	IOU	6%
Edina Community Solar Garden	Cooperative Energy Futures CS Garden	2018	660	Roof	Edina	MN	Cooperative Energy Futures	60%	IOU	6%
Haven	Cooperative Energy Futures CS Garden	2019	1,300	Ground	Saint Cloud	MN	Cooperative Energy Futures	60%	IOU	6%
Ramp A	Cooperative Energy Futures CS Garden	2019	1,300	Roof	Minneapolis	MN	Cooperative Energy Futures	60%	IOU	6%
Waseca	Cooperative Energy Futures CS Garden	2019	1,300	Ground	Janesville	MN	Cooperative Energy Futures	60%	IOU	6%
Faribault	Cooperative Energy Futures CS Garden	2020	1,300	Ground	Faribault	MN	Cooperative Energy Futures	60%	IOU	6%
Roanoke Electric Cooperative Solar Installation	Roanoke SolarShare	2015	100	Ground	Aulander	NC	The Roanoke Center	25%	Coop	100%
Avery Hill	Laconia Area Community Land Trust Inc. Avery Hill	2018	48	Roof	Laconia	NH	Lakes Region Community Developers	100%	IOU	71%
NH SolarShares - Appleknockers General Store	NH Solar Shares	2019	28	Roof	Warren	NH	Revision Energy	100%	Coop	85%
NH SolarShares - Plymouth	NH Solar Shares	2018	29	Mixed	Plymouth	NH	Plymouth Area Renewable Energy Initiative	100%	Coop	85%
Mascoma Meadows	ROC Community Solar	2019	100	Ground	Lebanon	NH	Revision Energy	100%	IOU	50%
White Rock Cooperative Estates	White Rock Cooperative Estates Solar	2020	89	Ground	Tilton	NH	White Rock Cooperative Estates	100%	IOU	100%
CAP Solar	Greater Bergen CAA Community Solar	2015	2,500	Ground	Hackensack	NJ	Steven Leitner, COO, 201-968-0200x7057 Steven.Leitner@capsolar.org	100%	IOU	50%
IP Solar NJ LLC - 2	New Jersey Community Solar Pilot Program Phase 1	2021	217	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
IP Solar NJ LLC - 4	New Jersey Community Solar Pilot Program Phase 1	2021	246	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
Franklin Square Village	New Jersey Community Solar Pilot Program Phase 1	2021	286	Roof	Glendora	NJ	Franklin Square Owner, LLC	51%	IOU	18%
IP Solar NJ LLC - 3	New Jersey Community Solar Pilot Program Phase 1	2021	305	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
IW Solar NJ LLC - 4	New Jersey Community Solar Pilot Program Phase 1	2021	330	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
IW Solar NJ LLC - 3	New Jersey Community Solar Pilot Program Phase 1	2021	388	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
Triangle Equities Development Company	New Jersey Community Solar Pilot Program Phase 1	2021	388	Canopy	East Orange	NJ	Triangle Equities Development Company	51%	IOU	18%
IW Solar NJ LLC - 1	New Jersey Community Solar Pilot Program Phase 1	2021	491	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%

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IP Solar NJ LLC - 1	New Jersey Community Solar Pilot Program Phase 1	2021	494	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
LW Solar NJ LLC - 2	New Jersey Community Solar Pilot Program Phase 1	2021	549	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
Vesey Capital - Pennsauken	New Jersey Community Solar Pilot Program Phase 1	2021	619	Roof	Pennsauken	NJ	Solar Landscape	51%	IOU	15%
LW Solar NJ LLC - 5	New Jersey Community Solar Pilot Program Phase 1	2021	685	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
Hartz Solar, LLC - Jersey City	New Jersey Community Solar Pilot Program Phase 1	2021	728	Roof	Jersey City	NJ	Hartz Solar	51%	IOU	18%
IP Solar NJ LLC - 5	New Jersey Community Solar Pilot Program Phase 1	2021	747	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
IP Solar NJ LLC - 6	New Jersey Community Solar Pilot Program Phase 1	2021	850	Roof	Lakewood Township	NJ	Cedar Solar	51%	IOU	18%
Citrine Power	New Jersey Community Solar Pilot Program Phase 1	2020	892	Canopy	Asbury	NJ	Citrine Power	51%	IOU	18%
Nexamp Solar - South Brunswick	New Jersey Community Solar Pilot Program Phase 1	2021	954	Roof	South Brunswick Township	NJ	Nexamp	51%	IOU	18%
AC Power, LLC - Edison	New Jersey Community Solar Pilot Program Phase 1	2021	1,000	Ground	Edison	NJ	AC Power, LLC	51%	IOU	18%
Hartz Solar, LLC - Secaucus	New Jersey Community Solar Pilot Program Phase 1	2021	1,031	Roof	Secaucus	NJ	Hartz Solar	51%	IOU	18%
SRE Solar Origination 2, LLC	New Jersey Community Solar Pilot Program Phase 1	2021	1,044	Roof	Bridgewater	NJ	SRE Energy	51%	IOU	18%
Duke Realty 2 - Teterboro	New Jersey Community Solar Pilot Program Phase 1	2021	1,300	Roof	Borough of Teterboro	NJ	Solar Landscape	51%	IOU	15%
CS Power Group LLC	New Jersey Community Solar Pilot Program Phase 1	2021	1,433	Roof	Lakewood Township	NJ	PowerLutions Solar Company	51%	IOU	18%
Hartz Solar, LLC - North Bergen	New Jersey Community Solar Pilot Program Phase 1	2021	1,501	Roof	Township of North Bergen	NJ	Hartz Solar	51%	IOU	18%
Hartz Solar, LLC - Newark	New Jersey Community Solar Pilot Program Phase 1	2021	1,522	Roof	Newark	NJ	Hartz Solar	51%	IOU	18%
Atlantic County Utilities Authority	New Jersey Community Solar Pilot Program Phase 1	2021	1,538	Ground	EGG Harbor Township	NJ	Atlantic County Utility Authority	51%	IOU	18%
Advance Solar Products	New Jersey Community Solar Pilot Program Phase 1	2021	1,646	Ground	Wall Township	NJ	Advance Solar Products	51%	IOU	18%
AC Power, LLC - Cinnaminson	New Jersey Community Solar Pilot Program Phase 1	2021	1,692	Ground	Cinnaminson Township	NJ	AC Power, LLC	51%	IOU	18%

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Solar Landscape - North Bergen	New Jersey Community Solar Pilot Program Phase 1	2021	1,708	Roof	North Bergen	NJ	Solar Landscape	51%	IOU	15%
Duke Realty 3 – Carlstadt	New Jersey Community Solar Pilot Program Phase 1	2021	1,823	Roof	Wood Ridge	NJ	Solar Landscape	51%	IOU	15%
AC Power, LLC - Deptford	New Jersey Community Solar Pilot Program Phase 1	2021	2,031	Ground	Deptford Township	NJ	AC Power, LLC	51%	IOU	18%
Duke Realty 2 – Perth Amboy	New Jersey Community Solar Pilot Program Phase 1	2021	2,062	Roof	Perth Amboy	NJ	Solar Landscape	51%	IOU	15%
Life in Christ Ministries Inc.	New Jersey Community Solar Pilot Program Phase 1	2021	2,362	Mixed	Township of Pennsauken	NJ	Solar Landscape	51%	IOU	15%
Soltage	New Jersey Community Solar Pilot Program Phase 1	2021	2,423	Ground	Delanco Township	NJ	Soltage	55%	IOU	18%
Solar Landscape - Edison	New Jersey Community Solar Pilot Program Phase 1	2021	2,454	Roof	Township of Edison.	NJ	Solar Landscape	51%	IOU	15%
Duke Realty 1 – Perth Amboy	New Jersey Community Solar Pilot Program Phase 1	2021	3,331	Roof	Perth Amboy	NJ	Solar Landscape	51%	IOU	15%
Manchester Township	New Jersey Community Solar Pilot Program Phase 1	2021	3,554	Ground	Manchester Township	NJ	Manchester Township	51%	IOU	18%
Nexamp Solar - Woodbine	New Jersey Community Solar Pilot Program Phase 1	2021	3,838	Ground	Woodbine	NJ	Nexamp	51%	IOU	18%
Spano Partners Holding	New Jersey Community Solar Pilot Program Phase 1	2021	3,845	Ground	Manchester Township	NJ	Spano Partners Holding	51%	IOU	18%
Linden Hawk Rise Solar LLC	New Jersey Community Solar Pilot Program Phase 1	2021	3,846	Ground	Linden	NJ	Hathaway Solar	51%	IOU	18%
Mill One	New Jersey Community Solar Pilot Program Phase 2	2022	162	Roof	Hamilton	NJ	UGE USA, Inc.	51%	IOU	18%
601 Penhorn Ave	New Jersey Community Solar Pilot Program Phase 2	2022	202	Roof	Secaucus	NJ	Solar Landscape	51%	IOU	15%
SLD - 30 Park Rd	New Jersey Community Solar Pilot Program Phase 2	2022	207	Roof	Tinton Falls	NJ	Solar Landscape	51%	IOU	15%
1234 NJ Route 46	New Jersey Community Solar Pilot Program Phase 2	2022	210	Roof	Clifton	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 50 Twosome Drive	New Jersey Community Solar Pilot Program Phase 2	2022	213	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 201 Commerce Drive	New Jersey Community Solar Pilot Program Phase 2	2022	220	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 102 Commerce Drive	New Jersey Community Solar Pilot Program Phase 2	2022	230	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 2 Commerce Drive	New Jersey Community Solar Pilot Program Phase 2	2022	245	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%

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Brightcore - 40 Twosome Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	280	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 41 Twosome Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	285	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 30 Twosome Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	287	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 1507 Lancer Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	294	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
1247 N Church Street	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	308	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
552 Grand Ave	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	309	Roof	Ridgefield	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 225 Executive Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	316	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 2 Twosome Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	323	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 2 Executive Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	324	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 277 US Highway 46	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	325	Roof	Parsippany-Troy Hills	NJ	Solar Landscape	51%	IOU	15%
SLD - 317 NJ Route 37 E	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	332	Roof	Toms River	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 202 Commerce Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	338	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 725 NJ Route 1	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	343	Roof	Iselin	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 97 Foster Road	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	357	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 1175 NJ Route 10	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	372	Roof	Whippany	NJ	Solar Landscape	51%	IOU	15%
301 Penhorn Ave	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	373	Roof	Secaucus	NJ	Solar Landscape	51%	IOU	15%
SLD - 501 Cheesapeake Rd	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	375	Roof	Parlin	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 915 N Lenola Road	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	393	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
Brightcore - 101 Commerce Drive	New Jersey Community Solar Pilot Pro- gram Phase 2	2022	395	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%

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840-844 NBrightcore - Lenola Road	New Jersey Community Solar Pilot Program Phase 2	2022	411	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 1695 Oak St	New Jersey Community Solar Pilot Program Phase 2	2022	415	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
SLD - 1705 Oak St	New Jersey Community Solar Pilot Program Phase 2	2022	415	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
SLD - 535 Secaucus Rd	New Jersey Community Solar Pilot Program Phase 2	2022	428	Roof	Secaucus	NJ	Solar Landscape	51%	IOU	15%
Brightcore - 1256 N Church Street	New Jersey Community Solar Pilot Program Phase 2	2022	455	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 307 E Hanover Ave	New Jersey Community Solar Pilot Program Phase 2	2022	458	Roof	Morristown	NJ	Solar Landscape	51%	IOU	15%
SLD - 2990 NJ Route 66	New Jersey Community Solar Pilot Program Phase 2	2022	459	Roof	Neptune	NJ	Solar Landscape	51%	IOU	15%
69 Mallory Ave	New Jersey Community Solar Pilot Program Phase 2	2022	469	Roof	Jersey City	NJ	Solar Landscape	51%	IOU	15%
SLD - 2540 NJ Route 516	New Jersey Community Solar Pilot Program Phase 2	2022	470	Roof	Old Bridge	NJ	Solar Landscape	51%	IOU	15%
Moorestown Solar 2 LLC	New Jersey Community Solar Pilot Program Phase 2	2022	482	Roof	Moorestown	NJ	Moorestown Solar 2 LLC	51%	IOU	18%
501 Penhorn Ave	New Jersey Community Solar Pilot Program Phase 2	2022	509	Roof	Secaucus	NJ	Solar Landscape	51%	IOU	15%
601 Delran Pkwy	New Jersey Community Solar Pilot Program Phase 2	2022	528	Roof	Delran	NJ	Solar Landscape	51%	IOU	15%
SLD - 1112 Corporate Rd	New Jersey Community Solar Pilot Program Phase 2	2022	535	Roof	North Brunswick	NJ	Solar Landscape	51%	IOU	15%
SLD - 1100 Towbin Ave	New Jersey Community Solar Pilot Program Phase 2	2022	549	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
55 Jiffy Rd	New Jersey Community Solar Pilot Program Phase 2	2022	562	Roof	Somerset	NJ	Solar Landscape	51%	IOU	15%
22 Hollywood Ave	New Jersey Community Solar Pilot Program Phase 2	2022	571	Roof	Ho Ho Kus	NJ	Solar Landscape	51%	IOU	15%
Independence - 875 Sherman Ave	New Jersey Community Solar Pilot Program Phase 2	2022	593	Roof	Pennsauken	NJ	Independence Solar, LLC	51%	IOU	18%
SLD - 46 Park Rd	New Jersey Community Solar Pilot Program Phase 2	2022	599	Roof	Tinton Falls	NJ	Solar Landscape	51%	IOU	15%
Moorestown Solar 1 LLC	New Jersey Community Solar Pilot Program Phase 2	2022	607	Roof	Moorestown	NJ	Moorestown Solar 1 LLC	51%	IOU	18%

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SLD - 303 Ridge Rd	New Jersey Community Solar Pilot Program Phase 2	2022	607	Roof	Dayton	NJ	Solar Landscape	51%	IOU	15%
SLD - 3403 NJ Route 33	New Jersey Community Solar Pilot Program Phase 2	2022	612	Roof	Neptune	NJ	Solar Landscape	51%	IOU	15%
SLD - 1110-1170 NJ Route 36	New Jersey Community Solar Pilot Program Phase 2	2022	616	Roof	Hazlet	NJ	Solar Landscape	51%	IOU	15%
320 Route 17S Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	635	Roof	Mahwah	NJ	Altus Power America Inc.	51%	IOU	18%
Brightcore - 31 Twosome Drive	New Jersey Community Solar Pilot Program Phase 2	2022	663	Roof	Moorestown	NJ	Brightcore Energy LLC	51%	IOU	20%
SLD - 1205 Paco Way	New Jersey Community Solar Pilot Program Phase 2	2022	671	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
1951 E Linden Ave	New Jersey Community Solar Pilot Program Phase 2	2022	678	Roof	Linden	NJ	Solar Landscape	51%	IOU	15%
Studio Park	New Jersey Community Solar Pilot Program Phase 2	2022	684	Roof	Hamilton	NJ	UGE USA, Inc.	51%	IOU	18%
560 Jefferson Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	706	Roof	Secaucus	NJ	Altus Power America Inc.	51%	IOU	18%
SLD - 6730 Dellilah Rd	New Jersey Community Solar Pilot Program Phase 2	2022	710	Roof	Egg Harbor	NJ	Solar Landscape	51%	IOU	15%
1790 Swarthmore	New Jersey Community Solar Pilot Program Phase 2	2022	718	Roof	Lakewood	NJ	Evergreen Energy, LLC	51%	IOU	18%
Henderson Solar LLC	New Jersey Community Solar Pilot Program Phase 2	2022	732	Roof	West Caldwell	NJ	Henderson Solar LLC	51%	IOU	18%
SLD - 2870 Brunswick Pike	New Jersey Community Solar Pilot Program Phase 2	2022	738	Roof	Lawrence	NJ	Solar Landscape	51%	IOU	15%
Independence - 8290 National Highway	New Jersey Community Solar Pilot Program Phase 2	2022	769	Roof	Pennsauken	NJ	Independence Solar, LLC	51%	IOU	18%
820 East Gate Dr	New Jersey Community Solar Pilot Program Phase 2	2022	823	Roof	Mount Laurel	NJ	Solar Landscape	51%	IOU	15%
SLD - 900 Towbin Ave	New Jersey Community Solar Pilot Program Phase 2	2022	831	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
57 N Johnston at Mill One	New Jersey Community Solar Pilot Program Phase 2	2022	838	Roof	Hamilton	NJ	UGE USA, Inc.	51%	IOU	18%
116 Gaither Dr	New Jersey Community Solar Pilot Program Phase 2	2022	846	Roof	Mount Laurel	NJ	Solar Landscape	51%	IOU	15%
SLD - 1101 Corporate Rd	New Jersey Community Solar Pilot Program Phase 2	2022	854	Roof	North Brunswick	NJ	Solar Landscape	51%	IOU	15%

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Independence - 1650 Sherman Ave	New Jersey Community Solar Pilot Program Phase 2	2022	892	Roof	Pennsauken	NJ	Independence Solar, LLC	51%	IOU	18%
Brightcore - 1400 Imperial Way Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	918	Roof	West Deptford	NJ	Altus Power America Inc.	51%	IOU	18%
SLD - 18 Engelhard Ave	New Jersey Community Solar Pilot Program Phase 2	2022	931	Roof	Avenel	NJ	Solar Landscape	51%	IOU	15%
1817 NJ Route 38	New Jersey Community Solar Pilot Program Phase 2	2022	954	Roof	Lumberton	NJ	Solar Landscape	51%	IOU	15%
Somers Solar LLC	New Jersey Community Solar Pilot Program Phase 2	2022	977	Roof	Franklin	NJ	Somers Solar LLC	51%	IOU	18%
36 Newburgh Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	988	Roof	Hackettstown	NJ	Altus Power America Inc.	51%	IOU	18%
SLD - 60 Litrell Rd	New Jersey Community Solar Pilot Program Phase 2	2022	1,046	Roof	East Hanover	NJ	Solar Landscape	51%	IOU	15%
SLD - 1001 New Hampshire Ave	New Jersey Community Solar Pilot Program Phase 2	2022	1,192	Roof	Lakewood	NJ	Solar Landscape	51%	IOU	15%
1245 AIRPORT ROAD	New Jersey Community Solar Pilot Program Phase 2	2022	1,209	Roof	Lakewood	NJ	Lexington Holdings, LLC	51%	IOU	18%
Mayhill Solar LLC	New Jersey Community Solar Pilot Program Phase 2	2022	1,231	Roof	Saddle Brook	NJ	Mayhill Solar LLC	51%	IOU	18%
Independence - 905 N. Lenola Road	New Jersey Community Solar Pilot Program Phase 2	2022	1,292	Roof	Moorestown	NJ	Independence Solar, LLC	51%	IOU	18%
SLD - 777 Lehigh Ave	New Jersey Community Solar Pilot Program Phase 2	2022	1,315	Roof	Union	NJ	Solar Landscape	51%	IOU	15%
301 Island Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	1,412	Roof	Mahwah	NJ	Altus Power America Inc.	51%	IOU	18%
SLD - 2 Corporate Pl S	New Jersey Community Solar Pilot Program Phase 2	2022	1,438	Roof	Piscataway	NJ	Solar Landscape	51%	IOU	15%
Pittsgrove Township Community Solar Project	New Jersey Community Solar Pilot Program Phase 2	2022	1,692	Ground	Pittsgrove	NJ	Pittsgrove Township	51%	IOU	18%
1 County Rd	New Jersey Community Solar Pilot Program Phase 2	2022	1,731	Roof	Secaucus	NJ	Solar Landscape	51%	IOU	15%
Pennsville Landfill Solar Project (A)	New Jersey Community Solar Pilot Program Phase 2	2022	2,077	Ground	Pennsville	NJ	Pennsville Landfill Solar, LLC	51%	IOU	18%
Old Bridge - Global Landfill	New Jersey Community Solar Pilot Program Phase 2	2022	2,154	Ground	Old Bridge	NJ	AC Power, LLC	51%	IOU	20%
Newark Solar 1 LLC	New Jersey Community Solar Pilot Program Phase 2	2022	2,162	Roof	Newark	NJ	Newark Solar 1 LLC	51%	IOU	18%
100 Performance Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	2,259	Roof	Mahwah	NJ	Altus Power America Inc.	51%	IOU	18%

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1 Wiley Drive Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	2,260	Roof	Somerset	NJ	Altus Power America Inc.	51%	IOU	18%
100 Middlesex Center Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	2,260	Roof	South Brunswick	NJ	Altus Power America Inc.	51%	IOU	18%
Pennsville Landfill Solar Project (C)	New Jersey Community Solar Pilot Program Phase 2	2022	2,308	Ground	Pennsville	NJ	Pennsville Landfill Solar, LLC	51%	IOU	18%
SLD - 1300 Wheaton Ave	New Jersey Community Solar Pilot Program Phase 2	2022	2,800	Roof	Millville	NJ	Solar Landscape	51%	IOU	15%
Franklin Solar 1 LLC	New Jersey Community Solar Pilot Program Phase 2	2022	2,854	Roof	Franklin	NJ	Franklin Solar 1 LLC	51%	IOU	18%
SLD - 11 Corn Rd	New Jersey Community Solar Pilot Program Phase 2	2022	2,962	Roof	South Brunswick	NJ	Solar Landscape	51%	IOU	15%
SLD - 1401 Wheaton Ave	New Jersey Community Solar Pilot Program Phase 2	2022	2,977	Roof	Millville	NJ	Solar Landscape	51%	IOU	15%
The City of Hoboken Community Solar Project	New Jersey Community Solar Pilot Program Phase 2	2022	3,013	Roof	Elizabeth	NJ	The City of Hoboken	51%	IOU	18%
Franklin Solar 2 LLC	New Jersey Community Solar Pilot Program Phase 2	2022	3,823	Roof	Franklin	NJ	Franklin Solar 2 LLC	51%	IOU	18%
Oak Ridge Parkway Community Solar	New Jersey Community Solar Pilot Program Phase 2	2022	3,838	Ground	Toms River	NJ	EDF Renewables Distributed Solutions, Inc.	51%	IOU	18%
Stafford Park Solar 3, LLC	New Jersey Community Solar Pilot Program Phase 2	2022	3,838	Ground	Manahawkin	NJ	Stafford Park Solar 3 LLC	51%	IOU	18%
1240 Cranbury Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Roof	Cranbury	NJ	Altus Power America Inc.	51%	IOU	18%
283 Prospect Plains Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Roof	Cranbury	NJ	Altus Power America Inc.	51%	IOU	18%
2900 Cindel Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Roof	Delran	NJ	Altus Power America Inc.	51%	IOU	18%
400 Cabot Sun Garden	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Roof	Trenton	NJ	Altus Power America Inc.	51%	IOU	18%
BEMS Community Solar West	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Ground	Southampton	NJ	BEMS Community Solar West LLC	51%	IOU	18%
BEMS Community Solar East	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Ground	Southampton	NJ	BEMS Community Solar East LLC	51%	IOU	18%
SLD - 1 Costco Dr. System A	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Roof	Monroe	NJ	Solar Landscape	51%	IOU	15%

Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
SLD - Eagles Solar I	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Ground	Berkeley	NJ	Hathaway Solar, LLC	51%	IOU	18%
SLD - Eagles Solar II	New Jersey Community Solar Pilot Program Phase 2	2022	3,846	Ground	Berkeley	NJ	Hathaway Solar, LLC	51%	IOU	18%
Queensbridge Houses	NYCHA	2021	1,800	Roof	New York	NY	Sol Purpose	21%	IOU	15%
Amp Grand Island Solar Installation	Solar For All (NY-Sun)	2019	2,100	Ground	Grand Island	NY	BlueRock Energy Solar, Inc.	48%	IOU	100%
Nexamp Seneca	Solar For All (NY-Sun)	2019	2,600	Ground	Geneva	NY	Nexamp	50%	IOU	100%
Mooers Community Solar Farms	Solar For All (NY-Sun)	2018	2,700	Ground	Mooers Forks	NY	Delaware River Solar	37%	IOU	100%
Crans Mill Solar Farm	Solar For All (NY-Sun)	2019	2,800	Ground	Crawford	NY	Clearway Energy Group	38%	IOU	100%
Sackett Lake	Solar For All (NY-Sun)	2019	2,800	Ground	Thompson	NY	Delaware River Solar	38%	IOU	100%
Underhill	Solar For All (NY-Sun)	2018	3,000	Ground	Poughkeepsie	NY	Clearway Energy Group	33%	IOU	100%
Johnstown A and B	Solar For All (NY-Sun)	2019	4,770	Ground	Johnstown	NY	Kearsarge	42%	IOU	100%
Nexamp Rochester	Solar For All (NY-Sun)	2019	5,600	Ground	Rochester	NY	Nexamp	18%	IOU	100%
Goodling Annex	Bonneville Environmental Foundation	2021	1,000	Ground	Portland	OR	Bonneville Environmental Foundation	60%	IOU	20%
Burlingame Solar	Burlingame Community Solar	2021	2,125	Ground	Brownsville	OR	Sulus Sola	10%	IOU	20%
Manchester Solar LLC	Common Energy	2021	1,800	Ground	Dayton	OR	Solar Town	10%	IOU	20%
Dover Solar	Common Energy	2021	1,980	Ground	Canby	OR	Solar Town	10%	IOU	20%
Clayfield Solar	Common Energy	2021	2,565	Ground	Estacada	OR	Solar Town	10%	IOU	20%
Belvedere Solar	Common Energy	2022	2,970	Ground	Mt. Angel	OR	Solar Town	10%	IOU	20%
Wallowa County Community Solar	Fleet Development Community Solar	2021	360	Ground	Enterprise	OR	Fleet Development LLC	10%	IOU	20%
Verde Light Community Solar	Fleet Development Community Solar	2022	2,950	Ground	Ontario	OR	Fleet Development LLC	10%	IOU	20%
Jim and Salle's Place Apartments	Jim and Salle's Place Apartments	2021	40	Roof	Portland	OR	ROSE Community Development	100%	IOU	100%
Marble Solar	Marble Solar	2022	2,875	Ground	Portland	OR	Sulus Solar	10%	IOU	20%
Skyward Solar	Nautilus Solar	2022	2,500	Ground	Boring	OR	Nautilus Solar Energy	10%	IOU	20%
Williams Acres	Neighborhood Power	2020	2,502	Ground	Woodburn	OR	Neighborhood Power	10%	IOU	25%
Oregon Shakespeare Festival Community Solar Project	Oregon Clean Power Cooperative	2021	130	Roof	Corvallis	OR	Oregon Clean Power Cooperative	10%	IOU	20%
Mt Hope Solar	Oregon Community Solar	2021	2,502	Ground	Woodburn	OR	Neighborhood Power	10%	IOU	20%
Whisky Creek Solar	Oregon Shines	2021	165	Ground	Beatty	OR	Whisky Creek PM LLC	10%	IOU	25%
Cherry Creek Solar	Oregon Shines	2022	360	Ground	Sprague River	OR	Cherry Creek Project Manager	10%	IOU	25%
Wocus Marsh Solar	Oregon Shines	2021	882	Ground	Klamath Falls	OR	Wocus Marsh PM	10%	IOU	25%

Installation Name	Program Name	Year Energized	Project Capacity KW-AC	Installation Type	City	State	Project Developer or Owner	LMI Share of Capacity	Utility Type	LMI Cust. Sav. %
Round Lake Solar	Oregon Shines	2021	978	Ground	Klamath Falls	OR	Round Lake PM LLC	10%	IOU	25%
Pine Grove Solar	Oregon Shines	2021	1,400	Ground	Klamath Falls	OR	Pine Grove PM LLC	10%	IOU	25%
Fruitland Creek	Oregon Shines	2021	1,750	Ground	Salem	OR	FC PM, LLC	10%	IOU	25%
Sandy River Solar (Dunn Rd.)	Oregon Shines	2021	1,850	Ground	Sandy	OR	SR PM, LLC	10%	IOU	25%
Kaiser Creek Solar	Oregon Shines	2021	2,000	Ground	Molalla	OR	Kaiser Creek Project Manager	10%	IOU	25%
Red Prairie Solar	Oregon Shines	2021	2,200	Ground	Sheridan	OR	RP PM	10%	IOU	25%
Sunset Ridge Solar	Oregon Shines	2022	2,250	Ground	Klamath Falls	OR	Sunset Ridge Project Manager LLC	10%	IOU	25%
Carries Creek Solar	Oregon Shines	2021	2,500	Ground	Marion County	OR	Conifer Community Energy 4, LLC	10%	IOU	25%
Cosper Creek Solar	Oregon Shines	2021	2,500	Ground	Willamina	OR	Conifer Community Energy 1	10%	IOU	25%
Sesqui-C Solar	Oregon Shines	2021	2,500	Ground	Yamhill	OR	Conifer Community Energy 3	10%	IOU	25%
Linkville Solar	Oregon Shines	2021	2,800	Ground	Klamath Falls	OR	Linkville PM	10%	IOU	25%
Pilot Rock Solar 1	Pilot Rock Solar	2022	4,970	Ground	Pilot Rock	OR	Pilot Rock Solar 1 LLC	10%	IOU	20%
Taylor Solar	Taylor Solar	2022	1,500	Ground	Lyons	OR	Sulus Solar	10%	IOU	20%
Tutuilla Solar	Tutuilla Solar	2021	1,560	Ground	Pendleton	OR	Sunthurst Energy	10%	IOU	20%
Echo Valley Apartments	Echo Valley Community Solar	2020	470	Roof	Providence	RI	Fairstead	100%	IOU	12%
La Loma Array - Austin Energy	Austin Energy Community Solar	2018	2,600	Ground	Austin	TX	Austin Energy	50%	Muni	11%
Big Sun Solar	Big Sun Solar Assistance Program	2019	5,000	Canopy	San Antonio	TX	CPS Energy w/ Go Smart Solar	10%	Muni	20%
Guadalupe Jeremiah LP	Multifamily Shared Solar Pilot Program	2018	58	Roof	Austin	TX		100%	Muni	45%
GNDC La Vista	Multifamily Shared Solar Pilot Program	2019	97	Roof	Austin	TX		100%	Muni	45%
Chalmers South	Multifamily Shared Solar Pilot Program	2019	151	Roof	Austin	TX		100%	Muni	45%
Four Points	Multifamily Shared Solar Pilot Program	2018	200	Roof	Austin	TX		100%	Muni	45%
Goodrich	Multifamily Shared Solar Pilot Program	2020	258	Roof	Austin	TX		100%	Muni	45%
Southeastern Vermont Community Action CS - SEVCA	Community Solar for Community Action	2019	110	Ground	Westminster	VT	RReal for SEVCA	25%	IOU	100%
Berlin Hilltop Solar	Middlebury CSA	2012	100	Ground	Rutland	VT	Green Mountain Power, SunCommon (EPC)	100%	IOU	7%

