

Challenge 1: Encourage solar development on private, low-impact sites

| Pathway | Strategy or Action | Implementer |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| Zoning | Increase zoning code recognition and acceptance of solar on low-impact sites ; reevaluate existing zoning if necessary to make it more inclusive of low-impact solar; Make permitting and zoning more transparent and consistent across Long Island | Municipalities |
| Zoning | Implement comprehensive zoning reform to allow for and incentivize solar installations, e.g. allow increased density on parcel; relax parking requirements if landowner/developer installs mid- to large-scale solar on low-impact sites | Municipalities |
| Ease/standardize permitting | Lower hurdles and time associated with municipal permitting on low impact sites; expand state guidance; adopt statewide permitting process | Municipalities/ State |
| Financial Incentives | Provide tax credits (corporate or personal) to non-profits that install solar which are transferrable or sellable | County/State |
| Financial Incentives | Diversify incentive pools and tie them to benchmarks such as ?, e.g. coordinate incentives from: <ul style="list-style-type: none"> • Municipal Property Tax Assessment • County PACE • State Rebates 0, adders for low impact • Federal ITC • Utility Net metering , CDC credit | Local government State Federal Utility |
| Financial incentives tied to targets | Use CLCPA to guide Long Island or town-level targets and benchmarks for solar energy. Use market intelligence and penetration rates to phase incentives to landowners | LIPA; state |
| Financial incentives | Add vehicle charging stations to developments that include low-impact solar | Unclear |
| Financial Incentive | Provide a state-funded per-kwh financial incentive such as the MA SMART program, which includes adders for low-income, community, etc. and subcontractors for developing on green fields | State |
| Education/ Awareness | Education and outreach on PACE financing and other options that help fund larger scaled installations | Unclear |
| Building codes | Revise building codes to facilitate / incentivize solar as part of building and development | Municipalities/ Counties |
| Lower soft costs of solar development | Make interconnection more transparent and less costly | Utility |
| Demonstration projects/ Awareness | Pilot 4 projects across Long Island. Cover all costs and handling for the landowner. White glove/gold glove | Unclear |

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| | treatment. Notify press and tell the story; add signage to educate public | |
| Education/ Awareness | Convince property owners that solar is preferred over other land use development (e.g. do you want a solar farm or another mall?) Target environmental and economic benefits of solar | Unclear |
| Marketing/ Awareness | Increase customer demand through marketing campaign, e.g. increased awareness of societal and personal landowner benefits; create a “green” brand for developers | Unclear |
| Economic Development | Campaign to attract solar-relate design and supply chain businesses to Long Island | Counties? |
| Economic Development | Add solar design and installation training to schools’ and colleges’ curriculum | Unclear |

Challenge 2: Increase solar development on publicly owned, low-impact sites and/or community solar and/or expanding access to solar.

| Pathway | Strategy / Action | Implementer |
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| | public-built solar [2 blue, 1 green] | |
| Financing community solar | Finance mid- to large-scale community solar on public land through a fee added to energy aggregation customers e.g. Athens, OH has passed a 2 mill per kwh fee (\$0.002/kwhr) | Municipalities |
| Financing community solar | Find Tax equity partners; create loans for community solar | Unclear |
| Education/ Awareness | Increase participation of municipalities by educating them on their share of the state’s mandated goals based on their energy consumption; encourage municipalities to set achievable goals for solar; Help municipalities assess their potential benefits and available incentives | Unclear |
| Financial incentives for Community Solar | Encourage and incentivize municipal participation on Community solar with state grants/contests/awards | State |
| Demonstration Projects for Community Solar | Create a full 100% grant program for community solar pilots. School, municipal, train station, university, and hospital for example should be a new category in the NYS BOND ACT to do this. Ensure that rates to customers are lower | State |
| Increase demand for community solar | Make it easier for renters/owners in townhouses/condos to buy in to community solar | Developers/ Municipalities |
| Reduce barrier to solar on public land | Facilitate solar development in public parks by passing state legislation that allows use of public parks for low-impact solar; co-benefit is that it makes it easier for local governments to opt-in | State |
| Community Support | Cultivate community support by engaging public in selection of sites for community solar | Municipalities |

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| Education/ Awareness | Make community solar in areas where there are school districts and densely populated neighborhoods | Municipalities |
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Challenge 3: Increase community engagement

| Pathway | Strategy/ Action | Implementer |
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| Education/ Awareness | Hold "green" events where activities are set up to highlight benefits of large-scale solar; hands-on learning for kids | Unclear |
| Education/ Awareness | Host "tours" of different types of large-scale installations to help dispel myths of their impacts. | Unclear |
| Education/ Awareness | Experiential Learning on solar for kids | Unclear |
| Education/ Awareness | Education to public on the positive and negative health impacts in using solar as well as renewable resources | Unclear |
| Education/ Awareness | Focus groups and town hall meetings on societal/health benefits | Municipalities |
| Mobilize existing support | Give solar adopters a platform to talk about their experience; Use existing projects as examples | Developers |
| ? | Provide tools like template letters and talking points to send to elected officials | ? |
| Education/ Awareness | Leverage social media to raise awareness about the truth: widespread public acceptance of solar | unclear |
| Education/ Awareness | Info sessions at libraries | ? |
| ? | Case study idea [Kevin & Tara] | ? |
| Education/Awareness | Transparent communication by utility/developer. Re: Distribution of economic benefits; energy system tradeoffs | Utility/developer |
| Education/Awareness | Build a trustworthy campaign by TNC or other independent organization; //TNC standard worksheet to fill out, including: timeline, cost, stakeholders involved, system size (kw), sq. ft/acreage, cost per watt, type-rooftop, carport, or ground? | NGO |