

Solar Industry	Utility & State Agencies	Town & County Gov	Farmers\Farm Owners	Business Owners	Other	
						Support low-impact siting
		X				Require or incentivize new buildings and parking lots to include solar
		X				Relax parking requirements if solar is installed on site
		X				Give greater floor area ratio (FAR) allowance or lot coverage for new construction/renovation for buildings that include solar
		X				Update local zoning laws and comprehensive plans, create energy districts
		X				Towns start Community Choice Aggregation (CCA), include low-impact siting in procurement criteria
	X	X			X	Educate developers on the benefits of choosing low-impact sites
	X				X	Provide technical assistance to towns for model legislation and best practices for permitting, zoning, and building codes.
X						Develop a marketing / customer acquisition plan around the maps and target the low-impact areas
				X		Commit to hosting solar on rooftops, parking lots, and underutilized space on commercial property
				X		Advocate for land use policies and incentives for solar in areas zoned for commercial and industrial use
				X		Give presentations to business groups about LI Solar Roadmap project
				X		Consult the Long Island Solar Roadmap map and get further assessment of solar potential of properties if their parcel is on it.
				X		Market parking lot solar installations as an amenity to tenants (esp at retail and multifamily housing locations)
		X				Mandate solar/renewables on former landfills
		X				Support siting on state property including LIRR and DOT maintenance yards.
		X				Mandate solar ready roofing for new buildings
		X				Commit to 100% RE or sign a similar pledge
		X				Pass legislation to facilitate faster permitting of projects under 25MW based on NYSERDA's model solar energy local law
			X			Educate/demonstrate ecologically friendly ground-mounted installations, including co-location with ag production
			X			Advocate that Suffolk County provide a financial incentive for siting on marginal farmland/colocation of solar and agriculture
			X			Advocate to elected officials to show farmer interest and support for zoning requirements that allow solar installations on ag properties
			X			Encourage code changes that would allow farmers to more easily install solar energy panels production on new and existing barns, greenhouses, and other agricultural accessory support structures on both preserved farmland and unprotected farmland.

	X		X			Work with other stakeholders to create a standard definition of ‘co-location’ for solar and agriculture to be used in policies – an important precursor for incentives or policies targeted at co-location.
			X		X	Form coalition /campaign to advocate for changes in land use policies to support solar and ag co-location as well as solar on portions of a farm
	X					State provides incentives for solar installations on low-impact sites
	X					Include low-impact siting requirements in RFPs and FITs (U&S)
	X					Utility prioritize grid upgrades in areas with low impact siting potential
	X					Utility match size of projects for FITs with size distribution of low-impact potential identified through this project.
	X					NYS Parks and other departments install solar on parking lots and building rooftops.
	X					Utility advertise existence of low impact sites in areas where substation capacity exists.
					X	Research to quantify the benefits of low-impact siting Vs siting in more ecologically sensitive areas (lower cost, faster permitting, etc)
X	X	X	X	X	X	Organize campaign/coalition to advocate for policies/incentives for low-impact solar
Improve interconnection feasibility						
	X					Utility reduce uncertainty by providing public information on interconnection capacity
	X					Fold the expense of interconnection upgrades into government infrastructure spending/investment
	X					Utility invests in increased transmission and distribution capacity at low-conflict sites to be recovered through rates
	X					Utility and/or state provide incentives for grid upgrades at locations that serve low-impact sites.
X	X					Cost share between utility and projects for upgrades where solar projects provide certain grid services
X						Cost sharing among projects interconnecting at the same site
X	X					Work with utility to remove old projects from interconnection queue so that substation penetration is more accurate
	X					Correlate substations with low impact sites to prioritize upgrades at substations
X						Educate utility on higher DG penetration levels in other states. Do engineering deep dive to determine feasible levels beyond current level.
X						Be easy to do business with, have project transparency
X						Utilize a live map of interconnection availability so developers can know beforehand where to spend time and what areas to avoid.
			X	X		Install low-impact behind-the-meter solar systems with battery storage for on-site (and on-farm) use
	X				X	Enable business/investors to earn a profit by investing in increasing substation capacity, then earning a fee for projects that want to interconnect.
		X				When making improvements on identified low-impact Town/gov't-owned properties, consider electrical upgrades that will allow for solar development

		X				Support efforts to upgrade energy infrastructure that requires local permitting and approval.
			X			Could farms and their neighbors create micro grids?
Support solar on farms						
	X					Allow solar energy generation of more than 110% of on-site energy use under the Ag District Law
X						Decommissioning requirement for solar leases on farmland.
	X					Identify marginal farmland as low-impact in town codes
X	X	X				Require/follow compliance with NYSDAM construction and decommissioning guidelines
X						Developer maximizes use of co-location /pollinator crop options
X						Provide specifics on whether/how arrays can be built to meet needs for crop growth/grazing animals (co-location).
		X				Municipalities identify areas where zoning will allow solar ground-mounts within their rules
X						Solar developers allow farmers to access the solar project area so the farmers would be able to use it for farm activities AND allow farmers to offtake some of the energy produced.
		X				Revisit/update zoning requirements on prime ag land to allow for a portion of the property to co-locate solar with production
		X				Hold a few workshops with farm owners to provide overview of opportunities and address questions and concerns
			X			Partner for co-location research and demonstration trials on LI, work with Extension or local university
	X					Reduce or eliminate penalties in converting (marginal--and would need to be defined) ag assessed land to solar energy producing land
X		X				When solar on farms is decommissioned and the developer wants to part with the land, the municipality gets the first right of refusal to development rights and the option to preserve the land for agriculture.
X	X		X			For large solar projects, carve out a portion for co-location identified as "public benefit" or "Community benefit" under new siting legislation permitting process
X			X			Maximize use of co-location/pollinator crop options
	X					State expedited permitting for mid- to large-scale solar on low impact sites
	X					State financing and loan program for solar on farms (like federal REAP program). (S)
	X					State incentivize smart sited co-location of solar and ag production
	X					NYSDAM or similar work with stakeholders to define and support 'co-location' of solar and ag production (S)
	X					LIPA or PSEG-LI play a role in helping to get a co-location demonstration/research project established.
					X	Land Trust work with farms to integrate the potential for low-impact solar into agricultural easements
					X	Extension, University, AFT, Farm Bureau (or similar) partner with farmers and farmland owners to advance knowledge of best practices for co-location on Long Island

					Reduce development costs
	X				Match or exceed NYSun, Solar For All, and other adders for low-impact sites
		X			Use revenue bonds/ 3rd party ownership to cover up-front cost for municipal projects
	X	X			Lower soft cost through streamlined permitting of medium- to large-scale renewables, e.g. state permitting via Gov's Office of Renewable Energy proposal and local permitting
	X	X			Expedited permitting for mid- to large-scale solar on low impact sites like rooftops and parking lots
X			X	X	Maximize project size and bundle projects\demand to reach economies of scale. Owners of multiple properties install solar on several locations at once.
		X			Make permitting and zoning for mid- to large-scale solar more transparent and consistent across LI
	X	X			Provide transferable/saleable tax credits (corporate or personal) to non-profits that install solar
X					State-funded per kWh incentives such as MA SMART program, including adders to support solar for under-served households, community solar
		X			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/kWh)
X	X				Developers work with PSEG LI Power Asset Management (PAM) to reduce interconnection requirements and cost
X		X			Developers work with towns and municipalities to streamline permitting and making applications simpler- e.g. digital application
				X	Businesses/commercial space owners take advantage of PACE financing for solar installations
				X	POSSIBILITY TO WORK WITH THE SUFFOLK OR NASSAU Industrial Development Agencies - SOME TOWNSHIPS HAVE THEIR OWN. IDA's could use their funding to incentivize solar adoption by businesses, such as a pilot program for tax benefits
		X			Streamline permitting/site plan approval. Reduce fees for permitting. .
		X			Institute a simplified permitting process including checklists and online applications
		X			Participate in and advocate for programs to support on-farm solar installations (like current USDA REAP program)
	X				Use low-impact siting potential and the relative high carbon intensity of the LI grid to get increased funding from NYS or participation in NYSERDA programs (S)
	X				Suffolk County waives our portion of sales tax on commercial and residential. If they don't already NYS could waive their portion (also Nassau just waives residential but could add commercial. (S)
				X	Create innovative design/engineering solutions for parking lot solar racking to reduce costs, e.g. Universities
				X	Regional Planning Councils take an active role in helping municipalities adopt policies and practices that reduce soft costs of solar development

					X	Facilitate solar development on brownfields with Land Bank
Improve access and equity						
X	X				X	Market and facilitate aggregation of community solar customers, with a focus on under-served households
	X					Extend or mirror NY Sun programs for community solar and Solar for All to LI
	X	X				Programs/incentives/grants to enable under-served households to participate in community solar projects, funded by the state bond act, for example
	X				X	Encourage town participation in community solar via grants, contests, awards
X	X				X	Funding for trusted community-based and faith-based organizations to conduct outreach to LMI communities around solar access and benefits
		X	X	X		Host a community solar installation
X					X	Developers work with cooperative & solidarity economy-based organizations to encourage community investment funds for direct ownership
X						Designate funding streams to support projects for disadvantaged communities, like the Indigenous communities on LI
X						Support efforts to pass the Climate & Community Investment Act in front of the NYS Legislature...potential funding mechanism for investing in solar access for under-served communities
X					X	Partner/Consult with programs such as the NAACP's Solar Initiative, to drive progress for marginalized communities on LI
X					X	Workshops with under-served communities to hear from them about ways to facilitate their access to solar/benefits
				X		Partner with neighboring non-profits to pool resources to develop solar installations (enables leveraging of tax incentives and reduces development costs)
		X				Start Community Choice Aggregation.
		X				Support efforts to pass the Climate & Community Investment Act in front of the NYS Legislature (many local officials have previously weighed in supporting)
		X				Establish Energy Improvement Districts that focus resources and set equity standards for energy democracy within communities most impacted by energy injustice.
		X				Support community choice aggregation 2.0 which includes local democratic decision-making bodies to invest revenues from lower energy costs
	X					Increase VDER 'adder' for community solar
	X					Look for connections that could be made through existing programs (like clean energy communities)
					X	Partner/Consult with NAACP's Solar Initiative to drive progress for marginalized communities on LI
Mobilize support						
X			X	X	X	Create mid- to large-scale solar demonstration projects and use them (or existing facilities) to educate key audiences (decision-makers, media, etc)

X	X	X	X	X	X	Launch LI-wide campaign to educate ratepayers, property owners (potential hosts), municipal leaders (could include series of townhall meetings, social media, "green" events, tours of installations)
					X	Create/update training manuals for property assessors to standardize approach to evaluating impacts of solar to property values
X		X				Engage public in selection of sites for community solar; Design projects to respond to community concerns/ minimize impacts
X					X	Increase customer demand for renewable energy through marketing, create "green brand" for developers
X		X			X	Give solar adopters a platform to talk about their experience; Use existing projects as examples
X						Highlight solar parking lot canopies that are aesthetically-pleasing/modern design.
X						Put monthly status ads concerning LIPA solar capacity and growth in Newsday.
X	X					PSEG give customer within X feet of a solar installation a discount on their electrical rates in order to reduce automatic, reflexive NIMBY opposition.
				X		Business groups educate their membership on the opportunities and benefits for solar on commercial spaces. Involve Long Island Association in reaching out to commercial members
				X		Host information sessions for other business or commercial space owners.
		X				Install solar on municipal buildings and promote savings
		X				Provide community-based organizations with funding and technical assistance to organize support in targeted communities
		X				Elected officials can leverage their respective social media accounts to increase awareness and share the facts/dispel myths
		X				Set town/city goals for renewable energy or greenhouse gas emissions. Leverage as part of state or other incentive programs (like clean energy communities) to receive funding and other benefits.
		X				Community visioning and input events, early in planning and approval process
		X				Start a "competition" between Towns, etc to see which can add the most project, MW, etc. Would need to be handicapped according to Town demographics
		X				Get technical assistance from SolSmart to become Solsmart designee (program that recognizes local jurisdictions that foster solar energy)
X			X			Farmers work with developers to create solar and ag co-location projects and guide siting to marginal lands
			X			Start 'farm to table' partnerships with energy offtakers to help cover development costs or ensure revenue (farm supplies energy to other businesses like restaurants)
	X					Bill inserts as part of education campaign to ratepayers, etc. (U)
	X					Provide clear information to municipalities and customers about the economic, environmental, and health benefits of solar (S&U)

	X					Set fees customers with behind the meter installations so that they are more likely to SAVE money.(U)
	X					Improve clarity and simplicity of billing for commercial customers with behind the meter systems
	X					Utility provide information to customers about cost savings for solar at their location (used to be provided by NYSERDA when LI was still participating in the NY Sun program.
					X	Colleges/Universities/BOCES programs provide certified solar installation works / trainings for Workforce development
					X	Further public opinion research on how to build public support/design projects communities like
					X	Research to quantify economy-wide benefits of increased solar on LI, including external benefits that could be used to offset actual PSEG costs billed to customers
Encourage solar on commercial property						
	X					Encourage, make it easier for commercial property owners to use remote net metering
	X	X			X	Educate commercial property owners about PACE financing
X				X		Strategies to overcome split incentives in leased spaces. Commercial space owners allow tenants to install solar (align lease duration with solar lease duration)
	X			X		Provide incentives for battery storage for property owners
	X	X		X		Identify low-impact sites for solar on commercial property and provide financial credits for planning and/or construction
	X	X				Create opportunities to use solar energy to generate carbon offset credits
X	X	X	X	X		Educate/demonstrate commercial property owners about ecologically friendly ground-mounted installations
X					X	Educate real-estate developers that PACE for 100% of cost of solar on new buildings just makes good business sense. Build partnerships between solar industry and developers.
X						Advocate for NY state incentives for Commercial & Industrial solar development under NY Sun program or other
X						Educate landlords on value of guaranteed revenue streams from rooftops
X	X					Encourage utility to open up small-scale feed-in-tariffs for smaller commercial buildings that re-use existing load-serving transformers and get streamlined interconnection
				X		Commercial property/business owners create and share case studies/success stories of costs/benefits of existing installations
	X	X				Pass a solar mandate for new large commercial buildings
		X				Educate property owners on the different types of installations, ground mounted, roof top about the environmental impacts.
		X				Create a Solarize campaign focused on commercial property installations.
					X	IDAs use their funding to incentivize solar adoption by businesses, such as a pilot program for tax benefits.
					X	Provide examples and assistance to commercial space owners to create solar friendly lease agreements

						Enable shorter solar lease terms to better align with commercial property leases
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