



"Distributed" Solar



Distributed energy resources (DER) = smaller sized projects located "behind-themeter" at a customer site, or that remotely feed a customer meter

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Rooftop Solar = traditional distributed renewable project

Community Solar projects are larger, and start to blur the lines between traditional small, distributed solar and large, grid-scale solar



Solar Development in NYS

(as of March 2019)

Distributed

- Behind-the-meter; interconnection through utility
- Operating 19,745 projects in NatGrid territory
- Pipeline 1,620 projects in NatGrid interconnection queue
- Community Solar (CDG) relatively new concept with details still being hashed out

Grid-Scale

- Interconnection through NY Independent System Operator
- Operating 0 projects in Upstate NY
- Pipeline 78 projects in NYISO interconnection queue
- t with Cost of solar panels and project development has <u>Link to project map</u> past few years

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Public Involvement Program

One of the key elements of the Article 10 regulations is the requirement that applicants develop and implement a Public Involvement Program (PIP) designed to facilitate public participation at all phases of the Article 10 process, from pre-application through certification and compliance

The Program must include:

- consultation with the affected agencies and other stakeholders
- pre-application activities to encourage stakeholders to participate at the earliest opportunity
- activities designed to educate the public as to the specific proposal and the Article 10 review process, including the availability of funding for municipal and local parties
- the establishment of a website to disseminate information to the public
- notifications
- activities designed to encourage participation by stakeholders in the certification and compliance process.













Role in NY's Clean Energy Future

- Imminent transition to a cleaner and greener energy economy
- Recent gubernatorial proposal of 100% clean electricity by 2040
- Governor has proposed benchmarks of:
 - 70% renewables by 2030
 - 6,000 MW of distributed solar by 2025
 - "More than doubling" land-based wind and grid-scale solar
 - "Maximizing contributions from existing renewables"
- Solar will play a large role in the clean energy transition, as well as wind power and energy storage
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