Community Solar: Overcoming Barriers to Access

LIFE Conference
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Community Solar 101

» What is community solar?
» What does community solar policy in NY look like?
» What’s next for community solar policy in NY?
The lucky few: panels on your roof
Current residential solar market

- Renters 45%
- Condo owners
- Poor Orientation
- Credit issues
- Shade or other issues

20% of market remains
How does Shared Renewable Energy work

**Subscribers/Participants**
- Credit to Subscriber’s electricity bill for their portion of shared energy production

**Shared Renewable Energy Project**
- Energy (+Capacity, Grid Sppt Services, etc.)
- Payment for portion of energy production

**Utility**
- Energy

May be packaged to appear as one entity to customer (subscriber pays for participation via utility bill)
Growing track record of success

» At least 16 states and DC have enacted enabling legislation;
» Many more utilities and coops piloting programs across the country;
» Strong consumer demand;
» Works in a variety of kinds of communities with subscribers ranging from large commercial to churches and schools, to individual households.
Value of Distributed Energy Resources

Goals:

- Continued Market Growth for Distributed Energy Resources (DER)
- More Precise Valuation
- Better Price Signals for Location and Time
- Gradual Transition Away From Net Metering
- Address Concerns Over Utility Revenue Loss
- Transition to New Mechanism By 2020
Value of Distributed Energy Resources

- Energy
- Capacity
- Distribution
- Externalities
- Market Transition (Plus Other Values)
Value of Distributed Energy Resources

Tranches for Transition

- Grandfathering
- Tranche One
- Tranche Two
- Tranche Three

Legend:
- Orange: Energy
- Grey: Capacity
- Purple: Distribution
- Blue: Externalities
- Brown: Market Transition
What’s Next?

» Solar for All Program
» Other Low-income Specific Programs/Policies
» Value of Distributed Energy Resources – Phase 2
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