Shared Solar for Everyone: Community Solar & Remote Net Metering

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What is Net Metering?
Net Metering
• For installations behind a utility bidirectional meter
• Allows a solar generator to export power to the grid when the building cannot consume the energy
• Great for installations on a solar friendly roof
What is Net Metering?

What about…
• Shaded roofs?
• Obstructed roofs?
• Old roofs that need to be replaced or reinforced?
• Coops and Condos?
• Locations where the grid cannot accept export?

➢ Solutions exist, but at a very high cost
What is Remote Net Metering?
**Skyscraper Application**

**Community Solar/Remote Net Metering** allows sites with poor solar characteristics but significant onsite energy consumption to benefit from solar systems installed on alternative sites with excellent solar characteristics. The transfer of energy credits through **Remote Net Metering** makes “Solar Sharing” possible.

1. Sun Generates Energy
2. Sun’s Energy Converted to Electricity
3. Meter Registers Energy
4. Registered Energy Converted to Energy Credits
5. Skyscrapers Use Energy Credits
What is Remote Net Metering?

- Same utility
- Same NYISO zone
- 1 offtaker per solar interconnection
What is Remote Net Metering?

Bloomberg L.P. – JFK Airport Park Solar Project
What is Community Solar?
What is Community Solar?

Remote Net Metering
1 solar meter = 1 offtaker
What is Community Solar?

Community Solar
1 solar meter = 1,000s of offtakers
Residential or Mixed Use Application

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1. Sun Generates Energy
2. Sun’s Energy Converted to Electricity
3. Meter Registers Energy
4. Registered Energy Converted to Energy Credits
5. Homes Use Energy Credits
Example 700kW ground mount system
What is Community Solar?

- Very cost effective, large scale solar installation
- Offset high cost of residential energy bills
- Avoid site issues seen on many buildings
- Can be financed in various ways
- No 20 year commitment necessary
- No headaches
Shared Solar for Everyone!