

Village of Oak Park Options for Local Renewable Energy Resource Development

March 12, 2018

Special Meeting of the President and Board of Trustees



Community Choice Electrical Aggregation Program Goals

- Optimize the leverage and use of available funds
- Limit the liability of the Village of Oak Park
- Provide returns to the broadest population of Village residents



Alternate Approaches

Approach	Description	Advantages
Distributed Generation at Village Facilities	Village engages private developer to install solar arrays on Village facilities to offset utility costs	Lower utility costs benefit all Village residents Village controls rooftops (lower cost) Village's credit can support long-term PPA
Community Solar installation at Village Hall	Village engages private developer to install solar array on Village Hall to which residents can subscribe through the Village MEA* program	Community solar credits can be accessed by residents that do not have suitable roofs Village's credit or Local Energy Fund can support long-term PPA Village controls rooftop (lower cost)
Community Solar Subscriptions for Village Facilities	Village engages private developers to secure community solar subscriptions for Village accounts	Community solar credits can be accessed by Village to reduce operating costs Lower utility costs benefit all Village residents Village's credit can support long-term PPA
Credit Enhancement for local rooftop solar installations	Village uses Local Energy Project fund to provide credit enhancement to resident(s) seeking to install rooftop solar	Transfers collection risk to non-Village party Little to no impact to federal tax benefits Potential net beneficial to project finance

* MEA = Municipal Electrical Aggregation, A.K.A. Community Choice Electrical Aggregation

Alternate Approach A.

Approach	Description	Advantages
Distributed Generation at Village Facilities	Village engages private developer to install solar arrays on Village facilities to offset utility costs	Lower utility costs benefit all Village residents Village controls rooftops (lower cost) Village's credit can support long-term PPA



Alternate Approach B.

Approach	Description	Advantages
Community Solar installation at Village Hall	Village engages private developer to install solar array on Village Hall to which residents can subscribe through the Village MEA program	Community solar credits can be accessed by residents that do not have suitable roofs Village's credit or Local Energy Fund can support long-term PPA Village controls rooftop (lower cost)



Alternate Approach C.

Approach	Description	Advantages
Community Solar Subscriptions for Village Facilities	Village engages private developers to secure community solar subscriptions for Village accounts	Community solar credits can be accessed by Village to reduce operating costs Lower utility costs benefit all Village residents Village's credit can support long-term PPA



Alternate Approach D.

Approach	Description	Advantages
Credit Enhancement for local rooftop solar installations	Village uses Local Energy Project fund to provide credit enhancement to resident(s) seeking to install rooftop solar	Transfers collection risk to non-Village party Little to no impact to federal tax benefits Potential net beneficial to project finance

