Proposed Hudson Public Power Solar Project



Project Detail:

- Third Party System construction, ownership and maintenance
- System Size: 2 MWProjected life 20years
- Estimated Annual System output: 3,500,000 kWh
- Projected Power Purchase Agreement for Energy: 0.050 kWh
- Energy (\$0.03), capacity (\$0.017), transmission (0.013), REC sales (0.010) offsets based on current markets: 0.070 kWh
- The estimated annual peak offset and subsequent capacity, transmission and REC's offsets = \$272K
- The estimated annual peak offset and subsequent capacity, transmission offset (No REC's) = \$209K

Analysis without Land Acquisition

<u>Item</u> <u>Cost</u>

-Project design, site work

and construction (10-15 acres) \$0

-System Interconnection \$60,000 (one time cost at 30 yr. depreciation)

-Interconnection Annual

Depreciation \$2,000

-System Maintenance \$0

-Interconnection

ongoing Maintenance (HPP equip.) \$10,000 (life of Project)

\$70K ROI – 90 Days (without RECs 120 days)

Analysis with Land Acquisition

<u>Item</u> <u>Cost</u>

-Estimated Land Acquisition \$1.2Million (Annual Debt Service 96K, 20 year term)

-Project design, site work

and construction (10-15 acres) \$0

-System Interconnection \$60,000 (one time cost at 30 yr. depreciation)

- Interconnection Annual

Depreciation \$2,000

-System Maintenance (panels & equip.) \$0

-Interconnection

Ongoing Maintenance (HPP equip.) \$10,000 (life of Project)

\$1,270,000 - ROI -5 years (without RECs 6 years)