

City of Scottsbluff, Nebraska

Tuesday, February 19, 2019

Regular Meeting

Item Reports3

Council to receive a presentation from NPPD on the Community Solar Project.

Staff Contact: Terry Rajewich, NPPD

Scottsbluff Community Solar Project II

Scottsbluff City Council Meeting

Date: February 19, 2019

Terry Rajewich – Account Manager



Nebraska Public Power District

Always there when you need us

☰ **Scottsbluff Community Solar Review**

- Solar Developer Selection
 - Sol-Systems
 - GenPro Energy Solutions
 - Mesner Development
- USDA REAP Grants and State Incentives for Renewables
- Project size 4.6 MW
- Agreements

Community Solar Program Review

- Eligibility
 - Most Retail Customers within Community, including City / Village accounts
 - Exclusion include Lighting accounts and customers with their own generation
- Participation Level
 - Solar Energy Shares
 - Minimum: 1 Solar Energy Share - equal to 150 kWh/month of solar energy
 - Maximum: Number of solar energy shares purchased equal to 100% of 1-year annual average consumption in increments of 150 kwh
 - Example: Average residential customer with 1,200 kWh/month usage could buy up to 8 solar energy shares
 - NPPD reserves the right to limit the maximum for commercial and industrial customers



Community Solar Program Review (cont'd)

➤ Program Length

- Minimum: One month – customer can exit program at anytime
- Maximum: Term length of Power Purchase Agreement (PPA)

➤ Enrollment Fee

- \$50 refundable on 3-year anniversary date

➤ Portability

- Solar participation transferrable within community for enrolled customer. Participation terminated upon relocation outside of community without a community solar project



Community Solar Program – Rate & Billing

- Customer continues to take service under their standard retail rate schedule, and is charged for their total monthly usage at such rate
- For Solar Energy Shares purchased, the cost of solar energy replaces the generation cost included in the bundled retail rate schedule
 - Solar Energy Charge: Pass-through at Power Purchase Agreement (PPA) Price between NPPD and developer
 - 25-year agreement – fixed pricing (5.19 cents/kWh)
 - Blended rate with Scottsbluff Solar I project (5.239 cents/kWh)
 - Base Energy Credit: 5.8 cents/kWh credit reflecting the average cost of generation included in the current residential rate
 - Credit rate will be updated each time standard residential rate is changed
 - Same rate applies to all communities
 - Lease Payment and Gross Revenue Tax apply to both of the above, while rate discounts do not apply

≡ **Scottsbluff Community Solar II Site**

- Project site identified
 - Identified as Landers Soccer complex Site



Community Solar Program Agreements

➤ **NPPD / Developer Power Purchase Agreement (PPA)**

- Stipulates term, security, price of energy, etc. NPPD / Developer Power Purchase Agreement (PPA)

➤ **NPPD / Community Solar Agreement**

- Necessary to minimize cost shifting to non-participating Retail customers/communities
- Stipulate the level of which the community and end-use customers have priority to solar shares. City can assign solar shares to City Accounts.
- Any remaining unsubscribed shares would be a line item on the City of Scottsbluff bill. The difference between the Base Energy Credit as defined in the Community Solar Energy Rider Rate Schedule and the cost of the solar energy as defined as the PPA price

Community Solar Program Agreements (cont'd)

- **NPPD / Developer Generation Interconnection Agreement (GIA)**
 - Stipulates the terms of the interconnection between generator and NPPD facilities
- **NPPD / City of Scottsbluff – Professional Retail Operation (PRO) Agreement**
 - Necessary to tie the terms of the Community Solar Agreement together with the Pro agreement so neither the City or NPPD is out of alignment with either agreement.
- **NPPD / End-use Customer Community Solar Service Agreement**
 - Stipulates the terms and conditions the end-use customer accepts as a community solar shares participant
 - Eligibility, participation level, program length, enrollment, portability, price, etc.

QUESTIONS?

Terry Rajewich
Retail Account Manager
Office: (308) 630-5418
Cell: (308) 641-0621
tkrajew@nppd.com



Nebraska Public Power District

Always there when you need us