

EAC Recommendations

The Environmental Awareness Committee (EAC) discussed the following recommendations on April 1, 2024 and voted to submit them to City Council. The recommendations are regarding potential improvements to the City of Hudson Solar Interconnection Application Packet.

1. Allow system annual production sizing to cover usage billing

This would cover the discrepancy between consumption at the retail rate and production at the credit rate. This has no effect on HPP's cost to purchase energy, and can increase the percentage of Hudson's of zero emission energy sources.

From: Section 3 Item 1) "...not to exceed customer's annual self-service energy needs, measured in kWh"

To: Section 3 Item 1) "...not to exceed customer's annual self-service energy needs, measured in dollars"

2. Clarify credit policy

This allows residents to do their due diligence on their investment. The current policy says "The credit will be adjusted based on the currently used power cost adjustment", but the credited adjustment from the retail rate is much larger than the power cost adjustment.

TBD resolution: HPP to determine the average credit rate.

From: Section 3 Item 2) "Deliveries from the City to the customer shall be billed in accordance with the standard applicable rate schedules."

~~Section 3 Item 3) "...period. The credit will be adjusted based on the currently used power cost adjustment. Net. ..."~~

To: Section 2 Item 2) "Deliveries from the City to the customer shall be billed in accordance with the standard applicable rate schedules. Deliveries from the customer to the City shall be credited at the purchased power rate. (For reference: average credit rate was \$TBD/MWh in the years TBD and TBD)"

Section 3 Item 3) "...period. Net..."

3. Clarify Net Excess Generation policy

The current wording could use improvement

From: Section 3 Item 3) "Net Excess Generation (NEG) represents the amount of electric generation by the customer beyond the customer's own metered usage which is delivered to the City of Hudson during the billing period. The credit to the

customer shall not exceed the dollar amount the City of Hudson bills the customer for energy consumption in any billing period. Instead, the net excess dollar amount shall be allowed to accumulate as a net excess generation (NEG) credit to offset the customer's energy charges in the next billing period. The credit will be adjusted based on the currently used power cost adjustment. Net excess generation (NEG) credits, if any, will be carried over from month to month."

To: Section 3 Item 3) "Credits to the customer in excess of the dollar amount the City of Hudson bills the customer (for energy consumption and fixed service costs) in any billing period shall be converted to Net Excess Generation (NEG) credits. NEG credits shall be allowed to accumulate and carried over to subsequent billing periods.

4. Update the reset date to a spring month

The month with the first excess generation is in the spring due to increasing daylight hours. Resetting at the end of December eliminates credits that were saved up for the dark winter months of January and February.

TBD resolution: HPP (or EAC) to study what would be the ideal zeroing month for current users.

From: Section 3 Item 3) "Following the customer's December billing cycle, the customer's credit balance will be reset to zero."

To: Section 3 Item 3) "Following the customer's TBD billing cycle, the customer's credit balance will be reset to zero."

5. Study how increases in solar would affect HPP and customers.

As the cost of solar panels comes down, and federal tax credits incentivize installations, the EAC is wondering how increased adoption would affect non-solar customers.