NET ENERGY METERING WITH SJCE
WHAT IS SAN JOSE CLEAN ENERGY?

- Community Choice Energy program
- Operated by City of San José
- Committed to creating a more sustainable future while saving customers money
- Launched service Feb 2019
WHY IS THIS IMPORTANT?

• Climate change
• We’re already feeling impacts
  • Extreme weather events
  • Drought
  • Wildfires
  • Rising sea levels
BENEFITS

• Cleaner electricity
  • Better for our health
  • Fights climate change

• Lower rates
  • 1% discount = $3M+/year savings

• Local control
  • Governed by the City Council
  • Open & transparent
  • Revenue stays in San Jose

• New programs & incentives
YOUR ENERGY CHOICES
**SJCE OPTIONS**

**GreenSource**
- Automatic enrollment
- More renewable power & cheaper than PG&E

**TotalGreen**
- Upgrade at any time
- $0.01 more per kWh = $2.30 more per month than GreenSource for average NEM home
  - NEM: Sell back at higher rate

Unspecified sources aren't traceable to a specific generation facility, such as electricity traded through open-market transactions. Typically “brown sources” contain natural gas; they may include renewables and hydroelectric.
OPT OUT → PG&E

- Not as much renewable energy and more expensive
- You can go back to PG&E at any time – no fee

...and you can return: SanJoseCleanEnergy.org/return

From PG&E’s 2018 Power Content Label
NET ENERGY METERING (NEM) 101

• Your meter tracks the energy your panels send out to the grid and the energy you consume from the grid
• You receive credits for what you send out and charges for what you consume
• The value of the credits and charges is determined by your specific rate plan (e.g., E1, E6, EVA, etc.)
SJCE NEM VS PG&E NEM

• What’s the same?
  1. NEM fundamentals
     • Full retail credit: Customers get full value for energy sent back to the grid
     • True-up: NEM credits carry over month to month, but do not carry over between 12-month periods
  2. PG&E is still responsible for permission to operation (PTO) and interconnection
  3. PG&E sends out monthly energy statement/bill
  4. Rate and NEM status
     • Customers keep their current rate, including E-6
     • Customers keep NEM 1.0 or 2.0 status

• What’s different?
  1. Customers true-up at enrollment, and new true-up date is April with SJCE
  2. Residential option for monthly billing with SJCE
  3. Option for 100% renewable generation service
  4. 25% higher Net Surplus Compensation (NSC) rate
     • Currently $0.03225/kWh
     • Will be set each calendar year based on average of PG&E’s previous 12 months’ NSC
ENROLLMENT & OUTREACH

- NEM customers are trued-up when enrolled
  - Credits are zeroed out and any charges must be paid
  - If a customer is enrolled in a month that is not their normal true up, they could lose value

- SJCE groups NEM customers into 4 enrollments to enroll them as close as possible to their true-up date and minimize disruption
ENROLLMENT & OUTREACH

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OUTREACH

• NEM info letter mailed to all NEM customers in mid-January 2020
• Enrollment postcards (4):
  • 2 in 60 days *before* service begins
  • 2 in 60 days *after* service begins
• Special informational meetings
  • February 25, 6:00-7:00 p.m. at Bascom Library
  • March 16, 5:30-6:30 p.m. at Edenvale Library
 EARLY ENROLLMENT

• Customers concerned about the enrollment process may contact SJCE account services to review their account and determine if there is any loss of value from NEM
  • Call us: (833) 432-2454

• Customers may also opt in early to GreenSource or TotalGreen
  • TotalGreen customers receive the $0.01/kWh premium when they export power to the grid
POST ENROLLMENT TRUE-UPS

• After enrollment, customers will have 2 true-up dates:

  SJCE will true-up customers for the generation portion of their bill every April

  PG&E will true-up customers for non-bypassable charges and the distribution portion of their bill in the month they were enrolled in SJCE service: April, July, October, or January

• This process will happen automatically; no action is needed

• New NEM customers will need at least 10 months of service before they are trued-up in April by SJCE

• This approach has been successfully implemented by most Bay Area CCA’s
YOUR ELECTRICITY BILL
YOUR NEW BILL

• Continue to receive one statement/bill, sent by PG&E
• Delivery & generation were bundled together before – now they are separated
• No duplicate charges
NEM STATEMENT

- Will be divided into **distribution** (PG&E) and **generation** (SJCE)
- The SJCE generation section will also display:
  - Current charges
  - Current NEM balance
  - Cumulative kWh consumption
- SJCE credits cannot be used to offset PG&E charges. Non-bypassable charges for NEM 2.0 customers are on the PG&E part of the bill.

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### 03/22/2019 – 04/22/2019

<table>
<thead>
<tr>
<th>Rate Schedule:</th>
<th>NEMS</th>
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<tbody>
<tr>
<td>Rate Description:</td>
<td>Net Energy Metering Service</td>
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<tr>
<td>Net Charges</td>
<td>$20.51</td>
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<tr>
<td>San Jose Utility Users’ Tax</td>
<td>1.03</td>
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<tr>
<td>San Jose Franchise Surcharge</td>
<td>0.06</td>
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<tr>
<td><strong>Total PG&amp;E Electric Delivery Charges</strong></td>
<td><strong>$21.60</strong></td>
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<tr>
<td>2018 Vintaged Power Charge Indifference Adjustment</td>
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### 03/22/2019 – 04/22/2019

<table>
<thead>
<tr>
<th>Rate Schedule:</th>
<th>NEM E-1</th>
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<tbody>
<tr>
<td>Generation - Total</td>
<td>448.000000 kWh @ $0.07271</td>
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<tr>
<td></td>
<td>Net Charges 32.57</td>
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<tr>
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<td>Local Utility Users Tax 1.63</td>
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<tr>
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<td>Energy Commission Surcharge 0.13</td>
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<tr>
<td></td>
<td>Charged to NEM Balance -34.33</td>
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</tbody>
</table>

- Your NEM Balance Owed is $70.58.
- Your cumulative kWh relevant period year-to-date: 921 kWh
- For more detail on your San Jose Clean Energy bill, call us at 833-432-2454

**Total San Jose Clean Energy Electric Generation Charges**

$0.00
SJCE SERVICE IS CHEAPER THAN PG&E

- GreenSource rates are 1% below PG&E, so everyone saves
- PG&E is still responsible for gas service
SPECIAL RATES & PG&E PROGRAMS

- Discount Programs
  - California Alternate Rates for Energy (CARE), Family Electric Rate Assistance (FERA) & Medical Baseline Allowance
  - You continue to receive your discount
  - Apply & re-enroll through PG&E: pge.com/care

- Electric Vehicles (EVs)
  - Our EV rate plans mirror PG&E’s

- Still eligible for PG&E rebates & programs
COMMUNITY PROGRAMS
1. Reduce greenhouse gas emissions
   • 63% from transportation
   • 31% from buildings (natural gas)
2. Align with Climate Smart San José
3. Promote equity, increase affordability, and support disadvantaged communities
4. Benefit customers and community
5. Maintain or improve the financial stability of SJCE
PROMOTING ELECTRIC VEHICLES

• Discount to buy/lease an electric vehicle
• Voucher to school districts for electric school buses
• Spring 2020: $14M for charging stations
  • Public places
  • Apartments/condos
  • Workplaces
ELECTRIFYING BUILDINGS AND HOMES

- Heating your water with a Heat Pump incentive
- Incentive to upgrade your electrical panel to support future electrification
ENERGY SOURCES AT YOUR HOME

• Incentives for residential energy storage
• Bill credits for shifting energy usage
QUESTIONS?

Thank you for your time!
Community Energy Department

SanJoseCleanEnergy.org
info@sanjosecleanenergy.org
(833) 432-2454

@SJCleanEnergy