Efficient and electric homes
The foundation of clean, sustainable energy use for your life

March 2021
What is EBCE?

East Bay Community Energy (EBCE) is our local power supplier committed to providing Alameda County and the city of Tracy with cleaner, greener electricity at lower rates. EBCE reinvests earnings back into the community to create local green energy jobs, local energy programs, and clean power projects.
How it Works

EBCE BUYS CLEAN POWER
EBCE buys from, and is building, clean power plants. EBCE sells the power to customers at low rates.

PG&E DELIVERS THE POWER
EBCE’s power is delivered to customers by PG&E. Customers pay PG&E for power delivery as they always have.

YOU GET THE POWER AND ALL THE BENEFITS
You benefit from cleaner energy, low rates, local governance, and innovative programs.
What Are the Benefits?

- LOWER RATES
- LOCAL CONTROL & INVESTMENT
- SUSTAINABILITY
- CUSTOMER CHOICE & PROGRAMS
**What Are My Options?**  ebce.org/change-my-plan

**BRIGHT CHOICE**
- at least 5% more renewable energy than state requires at rates 1% below PG&E

**BRILLIANT 100**
- 100% carbon-free energy including hydropower at the same rates as PG&E

**RENEWABLE 100**
- 100% California solar & wind energy at 1 cent per kilowatt-hour above PG&E rates
EBCE ‘Generation Charges’ (C) are not additional charges; they replace PG&E charges, which appear as credits (F) on PG&E bills.

To calculate your savings and find more information on understanding your bill, go to ebce.org/understand-your-bill

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**G. FRANCHISE FEE SURCHARGE**

This fee is collected by PG&E to cover costs associated with rights to use public streets to provide gas and electric service. This fee is factored into EBCE’s rate setting process.

**H. RATE SCHEDULE**

This line shows two things. The initial letter(s) and/or number combination show your rate schedule as determined by PG&E. For residential customers this is commonly E1 or TOUC. After the base rate schedule you will see the EBCE service you are on: Bright Choice or Brilliant 100. Renewable 100 customers will be charged based on the Brilliant 100 rate and will see an additional line item with the Renewable 100 premium.

**I. NET CHARGES**

This is the amount EBCE collects for the power that you use.

**J. ENERGY COMMISSION TAX**

This fee is collected on behalf of the California Energy Commission and applies to all customers, regardless of service provider.
Our Buildings

Source: Building Decarbonization Coalition
Building Electrification

Gas Powered
- Gas Water Heating
- Gas Space Heating
- Gas Clothes Drying
- Gas Cooking

All-Electric
- Heat Pump Water Heating
- Heat Pump Space Heating
- Heat Pump Clothes Drying
- Induction Cooking
Your refrigerator moves warmth from the inside to outside in order to keep food cold. Heat pumps do the same and can move in either direction to either heat or cool air or water.

Heat Pumps are:
- Energy efficient
- All-electric
- Better for indoor air quality
- Capable of heating and cooling
Induction Cooktops are
- Energy efficient
- All-electric
- Better for indoor air quality
- Safer
- Fast, powerful, and capable of specific cooking techniques

Induction technology works by using electricity to create a magnetic field which directly causes cookware to heat. This is different than gas or electric resistance which use flame and hot coils to heat cookware.

Induction is not electric coils
Benefits of Electrification

**Climate Change**
Powering appliances with increasingly renewable electricity reduces your greenhouse gas emissions.

**Cost Savings**
As our gas system ages and more people electrify, gas prices are projected to increase. Shield yourself by electrifying.

**Resilience and Safety**
Natural gas explosions and failures can be dangerous. Battery storage offers greater energy independence.

**Health & Comfort**
Electrification eliminates indoor air pollutants associated with the combustion of gas.

**Green Jobs**
Electrification opens doors for green careers helping us making the energy transition.

**Equity**
Frontline communities are greatest affected by adverse climate impacts. Electrification offers health and safety benefits.
How to Electrify

Contact a Home Energy Advisor
866-878-6008 or bayrenresidential.org

Access Rebates & home energy assessment!

$300 Rebate
Heat Pump Dryer

Up to $1,000 Rebate
Heating & Cooling

Up to $2,000 Rebate
Water Heating

$300 Rebate
Induction Cooking
Low-Cost Energy Efficiency

**Check your temp!**
- Set your thermostat to 68 degrees (or lower) in the winter and 78 degrees (or higher) in the summer
- Check your water heater - set it at 120 degree to save energy

**Air & AC**
- Fans keep air circulating and you comfortable with less work and energy from your air conditioner
- Dirty air filters make your air conditioner work harder to circulate air. Cleaning or replacing filters monthly can reduce cost and increase efficiency.

**Lighting**
- Replace old light bulbs with high-efficiency LEDs to save energy and $
- Automatic lighting controls make utilization more efficient

**Plug Load**
- Unplug small appliances when not in use
- Save $ by using electricity outside of 4-9pm when it’s most expensive
Resilient Home + Webinars

Residential solar + battery backup
● Connect interested customers with a vetted solar installer for preferred pricing
● $1,250 incentive to share power when demand is high

ebce.org/resilient-home
Habitat for Humanity is honored to partner with East Bay Community Energy. From their support of affordable housing to promoting women in leadership, EBCE cares about the communities and people they serve.”

— Habitat for Humanity East Bay/Silicon Valley

“EBCE, the City of Fremont, and many others are working together to create a healthy, safe, and vibrant future for our comm-unity. Reach out to EBCE to hear about what is in the works and to make sure your business goals are aligned with your energy choices.”

— Rachel DiFranco, Sustainability Manager, City of Fremont
Questions? Give us a call:
1-833-699-EBCE (3223)

@PoweredbyEBCE
ncordoba@ebce.org
customer-support@ebce.org
Español ebce.org/es
中文 ebce.org/cn