



Item No. 3 Town of Atherton

CITY COUNCIL STAFF REPORT - PRESENTATIONS

TO: HONORABLE MAYOR AND CITY COUNCIL
CITY MANAGER, GEORGE RODERICKS

FROM: STEPHANIE B. DAVIS, AICP SENIOR PLANNER

DATE: APRIL 19, 2017

SUBJECT: INFORMATIONAL PRESENTATION FROM PENINSULA
CLEAN ENERGY (PCE) REGARDING SAN MATEO COUNTY'S
NEW DEFAULT ELECTRICITY PROVIDER

RECOMMENDATION

Receive an informational presentation from Peninsula Clean Energy (PCE) as the default electricity provider for San Mateo County residents.

DISCUSSION

PCE is San Mateo County's new official electricity provider as a joint powers authority, meaning residents have local control through their representative on the PCE board. PCE offers customer choice of cleaner electricity at competitive rates. PCE Starting in February 2017, Atherton residences and businesses, along with the rest of San Mateo County, have received four notices in the mail informing them about PCE. At the beginning of April, all San Mateo County residents and businesses were automatically enrolled in PCE's ECOplus program, and will enjoy 5% savings and greener electricity.

PCE provides a choice to its customers: they can choose to stay with PCE's 50% renewable offering, opt-up to PCE's 100% renewable offering, or opt-out to continue to receive PG&E's 30% renewable product. The new energy choices for all County residents and businesses are:

1. ECOplus – cleaner energy that is 50% renewable (compared to PG&E's 30% renewable) with a 5% savings on the electricity generation portion of the bill. This is the default option that all residents and businesses will receive.
2. ECO100 – 100% renewable energy for a small premium of one cent per kilowatt hour. Customers can choose to opt-up to this product.
3. Opt Out – residents can choose to not participate in PCE and opt out of the program.

PCE purchases greener electricity for its customers, while PG&E continues to handle electricity delivery, maintenance of wires, customer billing, and natural gas services. PCE customers receive a consolidated bill from PG&E, which will reflect 5% savings if they are enrolled in ECOplus, option 1 noted above.

All residents who are currently enrolled in the California Alternate Rates for Energy (CARE) program, or medical baseline energy discount programs, automatically continue in these programs under PCE. All PCE customers also continue to qualify for all PG&E energy efficiency programs. PCE's net metering solar customers will receive a one cent/kWh premium for electricity they sell back to the grid.

POLICY FOCUS

California Assembly Bill (AB) 117, enabled community choice aggregation (CCA) programs like PCE to operate in California. The law mandates that customers be automatically enrolled in their local CCA. The enrollment of Atherton residents in PCE will help the Town meet its greenhouse gas (GHG) reduction goals as set forth in the Town's adopted Climate Action Plan.

FISCAL IMPACT

There is no direct cost to the Town to receive an informational presentation by "Peninsula Clean Energy." The Town will not receive any financial benefits, or incur any additional costs, from residents' participation in PCE.

PUBLIC NOTICE

Public notification was achieved by posting the agenda, with this agenda item being listed, at least 72 hours prior to the meeting in print and electronically. Information about the project is also disseminated via the Town's electronic News Flash and Atherton Online. There are approximately 1,200 subscribers to the Town's electronic News Flash publications. Subscribers include residents as well as stakeholders – to include, but be not limited to, media outlets, school districts, Menlo Park Fire District, service providers (water, power, and sewer), and regional elected officials.

ATTACHMENTS

1. PCE Presentation Slides



**Kirsten
Andrews-Schwind**
Peninsula Clean Energy



**PENINSULA
CLEAN ENERGY**

Your New Official Electricity Provider of San Mateo County

What is Peninsula Clean Energy?



Peninsula Clean Energy, also known as PCE, is the official electricity provider for San Mateo County with cleaner and greener power at lower rates.

Why Peninsula Clean Energy?

Launched by San Mateo County and all 20 cities to:

- Meet climate action goals
- Create a better future for our kids



All City Council Members in all 20 cities and San Mateo County Supervisors voted for it unanimously!

What are the Benefits?



Reduction in
greenhouse gas
emissions



Greener choices at
lower rates



Investing in our
community



Local control,
reliable service

Cleaner Energy



Clean renewable energy comes from:

- ✓ Sun
- ✓ Wind
- ✓ Water

...instead of from burning fossil fuels that cause pollution and climate change.



ECOplus = **50%** renewable energy



ECO100 = **100%** renewable energy

Environmental Benefits

Environmental benefits of PCE for average household:*



**Based on 417 kWh usage/month and calculations by EPA's GHG equivalency calculator, April 2017*



50% Renewable:
Equivalent of **planting 11 young trees a year**



100% Renewable
Equivalent of **planting 25 young trees a year**

How Community Choice Works



PENINSULA CLEAN ENERGY

Electric Generation
Cleaner Energy at Lower Rates



PG&E

Electric Delivery
Same Reliable Service



PG&E

Meters & Sends Bill
You still get one bill

Your Energy Choices



	PCE ECOplus	PCE ECO100	PG&E
Renewable Energy	50%	100%	30%
GHG Free Content	75%	100%	60%
Electric Generation (\$/kWh)	\$26.56	\$30.73	\$41.02
Additional PG&E Fees (PCIA/FF)	\$12.41	\$12.41	-----
Total Electricity Generation Cost (Generation + Fees)	\$38.97 <i>less than PG&E</i>	\$43.14	\$41.02
PG&E Electric Delivery Rate	\$56.21	\$56.21	\$56.21
Average Total Monthly Cost Electricity + Delivery	\$95.18	\$99.35	\$97.23

Estimate based on a typical usage of 417 kWh at PG&E rates and PCE rates effective as of March 15 2017 under the Res-1/E-1 rate schedule. Actual differences may vary depending on usage, rate schedule, and other factors. Estimate provided is an average of seasonal rates. Prices rounded to one tenth of one cent.


Why is PCE Less Expensive?

- PCE is a not-for-profit organization, and does not need to pay shareholders
- PCE has low overhead expenses
- Good market timing to purchase long-term renewable contracts at low prices



PCE Sample Energy Bill

SAMPLE BILL: PAGE ONE



ENERGY STATEMENT

www.pge.com/MyEnergy

Account No: **0123456789-1**
Statement Date: 12/15/2016
Due Date: 01/05/2017

Service For:
WILLIAM SAMPLE
1234 ROAD STREET
REDWOOD CITY, CA
94064-0001

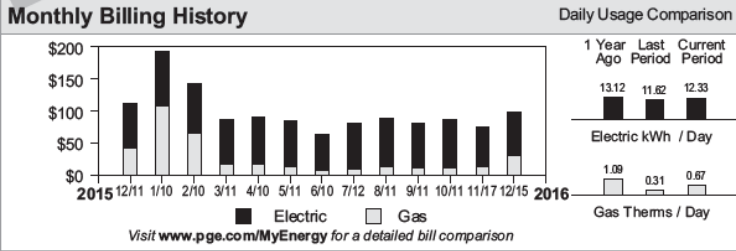
Questions about your bill?
24 hours per day, 7 days per week
Phone: 1-866-743-0335
www.pge.com/MyEnergy

Local Office Address
275 INDUSTRIAL RD
SAN CARLOS, CA 94070

Your Account Summary

Amount Due on Previous Statement	\$75.84
Payment(s) Received Since Last Statement	-75.84
Previous Unpaid Balance	\$0.00
Current PG&E Electric Delivery Charges	\$43.45
PENINSULA CLEAN ENERGY Electric Generation Charges	25.33
Current Gas Charges	30.24
Total Amount Due by 01/05/2017	\$99.02

Monthly Billing History



Daily Usage Comparison		
1 Year Ago	Last Period	Current Period
13.12	11.82	12.33
Electric kWh / Day		
1.09	0.31	0.67
Gas Therms / Day		

Visit www.pge.com/MyEnergy for a detailed bill comparison

Important Messages
Your current electricity rate Your electricity usage is currently billed on a rate for a single-family home or common-use area of a multi-family complex. If this is incorrect, please call us at **1-800-743-5000** for a free rate analysis.

Continued on page 6

New Changes to Your Bill

1. PCE charge on page 1
2. Generation credit on page 3

Note: Generation credit is larger than PCE charge + PCIA and FF fees

PCE Sample Energy Bill

SAMPLE BILL: PAGE THREE



ENERGY STATEMENT

www.pge.com/MyEnergy

Details of PG&E Electric Delivery Charges

11/09/2016 - 12/08/2016 (30 billing days)

Service For: 1234 ROAD STREET
 Service Agreement ID: 0123456789
 Rate Schedule: E1 X Residential Service

11/09/2016 – 12/08/2016	Your Tier Usage	1	2	3
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Tier 1 Allowance	327.00 kWh	(30 days x 10.9 kWh/day)		
Tier 1 Usage	327.000000 kWh	@ \$0.18353		\$60.01
Tier 2 Usage	43.000000 kWh	@ \$0.24276		10.44
Generation Credit				-35.83
Power Charge Indifference Adjustment				8.60
Franchise Fee Surcharge				0.23

Total PG&E Electric Delivery Charges \$43.45

2016 Vintaged Power Charge Indifference Adjustment

Generation Credit:
\$35.83

Subtract PCE Charge:
\$25.33

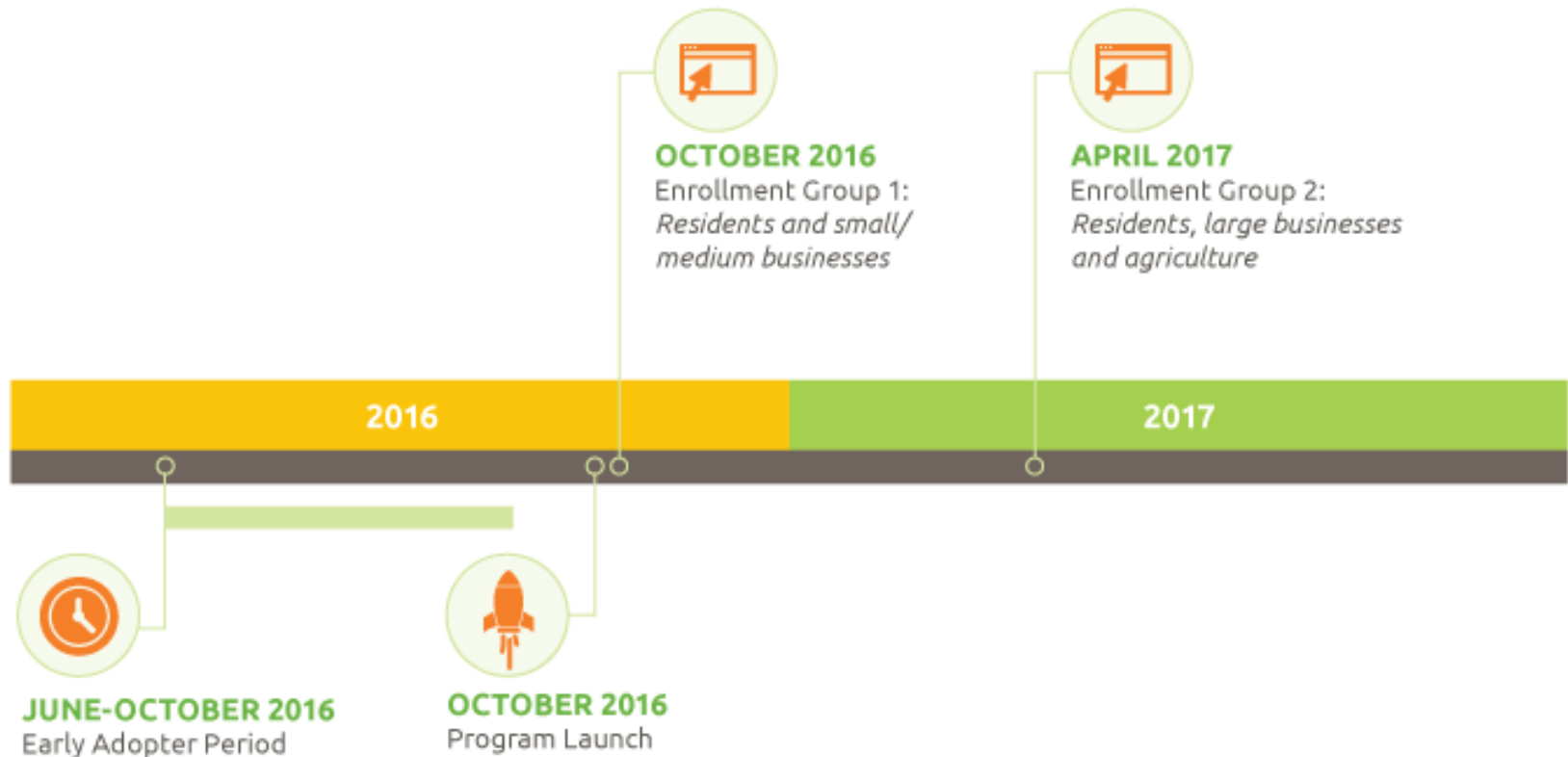
and Fees:
\$8.83

Total to subtract: \$34.16

Savings =
\$1.67

- 6
- 7
- 8
- 9

Implementation Timeline



Your Energy Choice

You now have choices!

- ECOplus - 50% renewable & lower rates: most customers are automatically enrolled in this option
- Customers can also choose to:
 - ✓ Opt-up to ECO100
 - ✓ Opt-out of the program and remain with PG&E
- Chose with a quick phone call or on web site
- All customers receive at least 4 notices in mail about how to choose

Note: The automatic enrollment comes from CA legislation AB 117 (2002)



Many Things Stay the Same

- CARE, Medical Baseline, and other low-income programs continue
- Still eligible for all PG&E energy efficiency and EV programs/rebates
- Same service reliability:
 - PG&E continues to maintain power lines
 - Call PG&E customer service if your power goes off



Local Governance

Public meetings are all posted on our website www.peninsulacleanenergy.com

Board of Directors*

- **San Mateo County, Dave Pine**
- **San Mateo County, Carole Groom**
- **Atherton, Rick DeGolia**
- Belmont, Charles Stone
- Brisbane, Lori Liu
- Burlingame, Donna Colson
- Colma, Raquel “Rae” Gonzalez
- Daly City, Glenn Sylvester
- East Palo Alto, Carlos Romero
- **Foster City, Gary Pollard**
- Half Moon Bay, Harry Rarback
- Hillsborough, Laurence May
- Menlo Park, Ray Mueller
- **Millbrae, Wayne Lee**
- Pacifica, John Keener
- **Portola Valley, Jeff Aalfs**
- Redwood City, Ian Bain
- San Bruno, Marty Medina
- **San Carlos, Cameron Johnson**
- San Mateo, Rick Bonilla
- **South San Francisco, Pradeep Gupta**
- Woodside, Daniel Yost

* bold indicates Executive Committee member



Solar and Net Energy Metering



- **Net Energy Metering (NEM)** is a way of earning credit for renewable power you produce to offset some or all charges you normally pay

- **PCE NEM Program Benefits**

- Pays you higher rates for surplus electricity (\$.01/ kWh above solar production retail price)
- Use NEM credits towards bill on a monthly basis
- Credits will roll over month after month- no zero out
- Annual Cash Out in April where PCE cuts customers a check automatically if you credit is over \$100

Recap

- ✓ Cleaner energy at lower rates
- ✓ 2 products:
 - ❖ **ECOplus is default: 50% renewable with about 5% savings**
 - ❖ ECO100: Can opt-up to 100% renewable
- ✓ Peninsula Clean Energy buys electricity; you will still get a PG&E bill
- ✓ Most San Mateo County electricity customers will be enrolled by end of April or early May 2017 for Earth Day
- ✓ If you take no action, you will be enrolled in ECOplus!



For More Information

Visit us:

- www.PeninsulaCleanEnergy.com

Contact us:

- info@peninsulacleanenergy.com
- (866) 966-0110

Contact me (Kirsten Andrews-Schwind):

- kandrews-schwind@peninsulacleanenergy.com
- (650) 440-7203

