



AGENDA ITEM

Public Utilities Commission

City and County of San Francisco

DEPARTMENT Financial Services AGENDA NO. 14
 MEETING DATE December 11, 2018

Public Hearing: Approve Revised San Francisco CleanPowerSF Community Choice Aggregation Program Electric Generation Rates: Regular Calendar
Project Managers: Charles Perl and Michael Hyams

<p>Summary of Proposed Commission Action:</p>	<p>Public Hearing: Discussion and possible action to approve a revised schedule of rates and charges for the San Francisco Public Utilities Commission Power Enterprise CleanPowerSF program service in San Francisco to take effect on or after February 1, 2019 that would: (1) set CleanPowerSF generation rates at or below comparable PG&E generation rates expected to be in effect on January 1, 2019, and (2) apply a new volumetric credit (cents per kilowatt-hour) equal to the net increase to each customer class’s PG&E Power Charge Indifference Adjustment expected to be in effect as of January 1, 2019; and authorize the General Manager to adjust the rates once PG&E’s final rates are published, as long as the rate adjustment ensures that program costs are recovered. This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.</p>
<p>Background:</p>	<p>CleanPowerSF Enrollment</p> <p>The San Francisco Public Utilities Commission (SFPUC) launched the first phase of CleanPowerSF, San Francisco’s Community Choice Aggregation (CCA) Program, on May 1, 2016. Since then, CleanPowerSF has enrolled approximately 115,000 accounts within the City and County of San Francisco – nearly 30% of eligible accounts. The program has maintained a cumulative opt-out rate of about 3.2%. CleanPowerSF offers two products: a “Green” product comprised of at least 40% renewable energy and a “SuperGreen” product comprised of 100% renewable energy. Most CleanPowerSF customers (about 96%) take service under the “Green” product rates, while nearly 4,000 customers have upgraded to CleanPowerSF’s 100% renewable SuperGreen product.</p> <p>In 2017, staff prepared a CleanPowerSF Growth Plan with the goal of accelerating the enrollment of electricity customers City-wide while achieving the program objectives of (1) providing electricity and related services at affordable and competitive rates while promoting energy security and reliability for San Francisco; (2) reducing, and eventually eliminating, the greenhouse gas emissions associated with the use of electricity in San Francisco; (3) supporting, to the greatest extent possible and affordable, the development of new clean energy infrastructure and new employment opportunities for San Franciscans; and (4) providing long-term rate and financial stability to the CleanPowerSF program and its customers. On May 9, 2017, by Resolution No. 17-102, the Commission adopted a goal of completing citywide enrollment in CleanPowerSF by July 2019, or sooner if possible.</p>

CleanPowerSF Rates

The Commission adopted initial CleanPowerSF “not-to-exceed” rates on December 8, 2015 by Resolution Number 15-0268. Rates were set at levels not to exceed comparable Pacific Gas and Electric (PG&E) rates and also recognized the need for CleanPowerSF to cover its costs and build financial reserves. The adopted rates were also designed to remain competitive with PG&E after accounting for the PCIA and FFS, which PG&E charges customers that participate in CCA programs. In Resolution No. 15-0268, the Commission approved the following rate-setting methodology, shown in Table 1, for initial CleanPowerSF program rates.

Table 1
Initial CleanPowerSF Not-to-Exceed Rate-Setting Methodology

	PG&E Generation Rate(s) (as of March 1, 2016)
x	100% - 0.25% Rate Discount
-	Power Charge Indifference Adjustments (PCIA)
-	Franchise Fee Surcharge (FFS)
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=	CleanPowerSF rate(s) for the default Green product

As Table 1 above shows, CleanPowerSF initial “Green” rates were set 0.25% below comparable PG&E rates as of March 1, 2016, minus PCIA and FFS. “SuperGreen” rates were set to include a \$0.02 per kilowatt-hour (kWh) premium above “Green” rates.

The 2015 Commission action on CleanPowerSF rates also provided for annual review and adjustment of rates based on one of the two following methods, depending on the circumstances:

- *Administratively*, adjusting rates by the local Consumer Price Index (CPI) to reflect increased operating costs and changes in PG&E rates; or
- *Legislatively*, under the process required by Section 8B.125 of the City Charter, where an adjustment based on CPI is not adequate.

Since CleanPowerSF’s initial rates were adopted in 2015, the Commission has taken three subsequent CleanPowerSF rate actions:

1. On April 11, 2017, in order to remain competitive with PG&E service, the Commission reduced CleanPowerSF’s Green product rates by approximately 4%.
2. On January 23, 2018, in order to stay competitive with PG&E’s Solar Choice program, the Commission reduced CleanPowerSF’s SuperGreen rate premiums for residential and commercial customers, effective on March 1, 2018. This second action also included enhancements and refinements to CleanPowerSF’s Net Energy Metering Program (NEM).
3. On April 10, 2018, the Commission adopted generation rate changes to reflect changes in PG&E’s generation rates, PCIA and FFS that, absent any action, would have resulted in those rates being 7 percent higher than those of CleanPowerSF. That rate change allowed CleanPowerSF to contribute to its reserve while maintaining a 2% discount relative to PG&E service.

CPUC Action On Power Charge Indifference Adjustment (PCIA)

On October 11, 2018, the California Public Utilities Commission (CPUC) adopted a new methodology to calculate the Power Charge Indifference Adjustment (PCIA) that PG&E charges customers who take their electric generation service from CCAs and

direct access (DA) providers. The PCIA is a volumetric charge paid by the departing customer to share in the cost of PG&E’s legacy power procurement. Changes in the methodology reduced the estimated market value of PG&E’s power resources and extended the period of time PG&E could recover the above market costs of utility-owned power plants. In addition, the new methodology changes the allocation of the above market costs to different customer classes, resulting in different PCIA rate changes across the different customer classes. While the 2019 PCIA changes vary by customer class, the average, year-over-year PCIA rate change is expected to be an approximately 29% increase.

The Franchise Fee Surcharge (FFS) is another non-bypassable surcharge imposed by PG&E on its customers to recover a portion of the franchise fees charged by cities and counties. The FFS calculation methodology will remain the same and continue to be levied on CCA customers.

Based on a November 7, 2018 PG&E rate filing with the CPUC, staff is also anticipating that PG&E will be reducing its generation rates on January 1, 2019. In combination with the anticipated increase in PG&E’s PCIA, the impact of a PG&E generation rate decrease would be higher total bills for CleanPowerSF customers as compared to PG&E generation service, absent the changes proposed below..

Proposed Changes to CleanPowerSF Electric Generation Rates and Charges

In order to ensure bill cost parity with PG&E generation service, staff proposes to reduce CleanPowerSF Green Product generation rates by the expected decrease in PG&E’s generation rate starting on January 1, 2019. Due to the significant forecasted increase in PCIA for many customer classes, staff proposes to modify CleanPowerSF’s Rate-Setting Methodology by introducing a CleanPowerSF PCIA Credit. The CleanPowerSF PCIA Credit is designed as a rate offset, to help CleanPowerSF customers cover the increased costs of PG&E’s PCIA charge.

Staff estimates the the combined effect of the proposed rate action is a reduction of CleanPowerSF revenues by approximately 7.5% or \$12.5 million in FY 2018-19. Given the level of the proposed decrease from current rates, staff does not recommend the Commission adopt a rate discount at this time.

The two components of the CleanPowerSF rate proposal are summarized below and in Table 2.

Table 2	
Proposed Modification to CleanPowerSF Green Product Rate-Setting Methodology for FY 18-19	
Component 1)	PG&E Generation Rate(s) (as of January 1, 2019) x 100% - 0.0% Rate Discount - Power Charge Indifference Adjustment (PCIA) - Franchise Fee Surcharge (FFS) = Proposed CleanPowerSF Green Product Rate(s) (as of February 1, 2019)
Component 2)	Proposed CleanPowerSF Green Product Rate(s) (as of February 1, 2019) Proposed CleanPowerSF PCIA Credit (see Table 3 - below) = Proposed Net CleanPowerSF Green Product Rate(s) (as of February 1, 2019)

1. Change CleanPowerSF Green Generation Rates by the Anticipated Change to Comparable PG&E Rates

Staff proposes to change CleanPowerSF Green generation rates by the anticipated change to PG&E generation and FFS rates. Following the adopted CleanPowerSF Business Practice Phasing Policy, this proposal is intended to provide for CleanPowerSF rates that are projected to be at PG&E rates for equivalent applicable tariffs at the launch of CleanPowerSF's upcoming April 2019 enrollment phase. The proposed revisions to the CleanPowerSF schedule of rates and charges is based on staff's estimate of PG&E's expected rates effective on January 1, 2019.

2. Apply a CleanPowerSF PCIA Credit to Absorb the Expected Change In PG&E's PCIA on January 1, 2019

Additionally, staff proposes to establish the "CleanPowerSF PCIA Credit" to offset the anticipated PG&E PCIA rate increase as of January 1, 2019. In conjunction with the proposed CleanPowerSF Green generation rate change, the CleanPowerSF PCIA Credit is intended to allow CleanPowerSF to continue to "meet or beat" PG&E's equivalent rates. The CleanPowerSF PCIA Credit is designed as a "negative rate" calculated based on customers' electricity consumption (per kWh). It is intended to capture the PCIA rate increases for each tariff in a single line on customers' bills.

Table 3

Proposed CleanPowerSF CleanPowerSF PCIA Credit Methodology for FY 18-19	
	2018 PCIA and FFS (as of March 1, 2018)
-	2019 PCIA and FFS (as of January 1, 2019)
=	Proposed CleanPowerSF CleanPowerSF PCIA Credit (as of Feb. 1, 2019)

Authorize General Manager to Finalize CleanPowerSF Rate Schedule in January 2019

Because PG&E's rates are not expected to be finalized until January 1, 2019, staff is recommending that the Commission authorize the General Manager to make final adjustments to the CleanPowerSF rates once PG&E's final rates are published for calendar year 2019. Staff expects PG&E will file its final rates in late December 2018 to be in effect as of January 1, 2019. The General Manager will provide a report to the Commission on the final rates at a meeting in January of 2019.

If approved by the Commission and not rejected by the Board of Supervisors, the new CleanPowerSF Green generation rates and CleanPowerSF PCIA Credit is expected to be in effect as of February 1, 2019. The first of four statutory opt-out notices for the April 2019 enrollment is expected to be mailed to prospective CleanPowerSF customers on February 1, 2019.

Retail rates are set by the Commission pursuant to the San Francisco Charter (Section 8B.125). All budgets, rates, fees, and charges presented by staff to the Commission must conform to the SFPUC Rates Policy, which is guided by four key principles: affordability, compliance, sufficiency, and transparency.

The result of this action will still enable the CleanPowerSF program to cover its costs and make needed contributions to program financial reserves, albeit at a slower rate. CleanPowerSF's adopted business practice policies (Resolution Number 18-0011; revised February 13, 2018) require the SFPUC to adopt budgets and establish rates

providing for adequate ratepayer protection in the form of an Operating Reserve Fund and a Contingency/Rate Stabilization Reserve Fund. These reserves are to be funded at levels to mitigate short-term, unanticipated loss of revenues or increase in expenses; stabilize rates; and support the growth of the program:

- Operating Reserve Fund: equal to 90 days of operating expenditures; and
- Contingency/Rate Stabilization Reserve Fund: equal to 15% of annual revenues.

The JP Morgan credit agreement, approved by the Commission on January 23, 2018 and executed on March 29, 2018 secures CleanPowerSF's payment obligations under power supply contracts using Standby Letters of Credit (LOCs). JP Morgan has issued LOCs to power providers requiring collateral. As a condition of this agreement, SFPUC must set CleanPowerSF rates and charges to meet certain debt service coverage levels beginning September 2018 and reserve levels by June 30, 2021 and June 30, 2022. The proposed rates action may have the effect of reducing revenues and delaying the accumulation of reserves, which may require staff to prepare and negotiate with JP Morgan a Revised Five-Year Plan to adjust the target reserve levels.

Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges, attached hereto, presents a comprehensive schedule of proposed rates for FY 2018-19. The proposed CleanPowerSF rate schedules and descriptions are consistent with those used by PG&E for customers served in San Francisco; rates are based on estimated PG&E electric rates to go into effect on January 1, 2019.

Cost of Service

The Proposed rates and CleanPowerSF PCIA Credit are projected to generate sufficient revenues to both pay for operating costs and meet financial policy targets and other financial commitments. CleanPowerSF projected uses of funds are divided into three primary categories:

1. Energy Supply: Power costs are based on committed and expected supply volumes and prices for FY 2018-19. Supply costs also assume that the basic product has 48% renewable content while Super Green is 100% renewable. These costs are included in the Energy Supply line in Table 4 below.
2. Operating Costs: Operating costs include costs associated with the Calpine Energy Solutions contract for back office and customer care services, PG&E service fees, program administration, load/supply scheduling, and customer outreach and education. These costs are included in the Operating Costs line in Table 4 below.
3. Net Revenues and Reserves: Net revenues are projected to satisfy rate and debt service coverage ratio covenants. Annual net revenue contribution to reserves includes build-up of Operating and Rate Stabilization Reserves to support the program goal of long-term financial stability. Reserve targets are based on adopted program policies. The proposed rates are projected to contribute \$10.4 million in reserves.

Table 4
Projected CleanPowerSF Sources and Uses, FY 2018-19

Sources	\$154.4 M
Uses	
Energy Supply	\$125.4M
Operating Costs	\$18.6M
Debt Repayment	---
Reserves	\$10.4 M
Total Uses	\$154.4 M

Public Hearing Notice

Pursuant to Charter Section 16.112, a Notice of Public Hearing on the establishment of a schedule of rates was published in the official newspaper on November 21, 22, 23, 25, & 28 2018, and posted on the SFPUC website and at the San Francisco Public Library, for a public hearing on December 11, 2018, with possible Commission action on this date. If approved by the Commission, these rates and charges will be subject to rejection by the Board of Supervisors (BOS), as provided in Charter section 8B.125, within 30 days following notification to the BOS. These proposed CleanPowerSF rates will become effective February 1, 2019 and will remain effective until revised.

Rate Fairness Board

On December 7, 2018, SFPUC staff presented the proposed CleanPowerSF rates and charges to the Rate Fairness Board (RFB), which expressed its support.

Environmental Review:

The Bureau of Environmental Management recommended and on November 29, 2018 the Planning Department concurred that this action is statutorily exempt from the California Environmental Quality Act (CEQA) and the CEQA Guidelines under Section 15273 (Rates, Tolls, Fares, and Charges). This action constitutes the Approval Action for the purposes of CEQA, pursuant to Section 31.04(h) of the San Francisco Administrative Code.

Result of Inaction:

The cost of participating in CleanPowerSF would be higher on average than comparable service from PG&E, potentially resulting in increased opt-out of customers. CleanPowerSF would likely need to delay its April 2019 enrollment or seek Commission modification of its Phasing Policy.

Recommendation:

SFPUC staff recommends that the Commission adopt the attached resolution.

Attachments:

1. Statutory Exemption Request and Concurrence
2. Presentation

PUBLIC UTILITIES COMMISSION

City and County of San Francisco

RESOLUTION NO.: 18-0209

WHEREAS, The San Francisco Board of Supervisors established a Community Choice Aggregation (CCA) program in 2004 (Ordinance 86-04) and has implemented the program called CleanPowerSF through the work of the SFPUC in consultation with the San Francisco Local Agency Formation Commission (Ordinances 146-07, 147-07, and 232-09); and

WHEREAS, The complementary objectives of the CleanPowerSF program are to (1) provide electricity and related services at affordable and competitive rates while promoting long-term rate stability, (2) reduce, and eventually eliminate, the greenhouse gas emissions associated with the use of electricity in San Francisco, (3) support, to the greatest extent possible and affordable, the development of new clean energy infrastructure and new employment opportunities for San Franciscans, and (4) provide long-term rate and financial stability to CleanPowerSF and its customers; and

WHEREAS, On May 9, 2017, staff presented to the Commission the CleanPowerSF Growth Plan, which detailed how staff intends to achieve the program objectives while expanding CleanPowerSF to Citywide service; and

WHEREAS, On May 9, 2017, by Resolution No. 17-0102, the Commission established a goal to expand CleanPowerSF service to 100% of eligible San Francisco customers by July 2019, or sooner if possible; and

WHEREAS, Staff has prepared to enroll approximately 280,000 residential accounts into CleanPowerSF in April of 2019; and

WHEREAS, The General Manager shall continue to take all steps necessary to expand CleanPowerSF service until 100% of eligible San Francisco customers are enrolled.

WHEREAS, The SFPUC intends that CleanPowerSF retail rates be set to meet program operating costs, repay debt, financial targets for reserves and debt-service coverage ratios, and obligations pursuant to CleanPowerSF power supply contracts and credit agreements; and

WHEREAS, The proposed rates conform to the CleanPowerSF Rate Setting Policy and the Commission's Ratepayer Assurance Policy; and

WHEREAS, On December 7, 2018, SFPUC staff presented the proposed CleanPowerSF rates and charges to the Rate Fairness Board (RFB), which expressed its support; and

WHEREAS, Pacific Gas and Electric Company's (PG&E) electric generation rates are authorized by the California Public Utilities Commission (CPUC); and

WHEREAS, The CPUC permits PG&E to levy the Power Charge Indifference Adjustment (PCIA) on the bills of customers who switch to CleanPowerSF, in order to recover the estimated above market costs of power supply commitments made by PG&E prior to a customer's switch to CleanPowerSF generation service; and

WHEREAS, The Franchise Fee Surcharge (FFS) is a surcharge imposed by PG&E on its customers to recover franchise fees charged by cities and counties; and

WHEREAS, The expected effective date of PG&E's rate change could be delayed by actions of the CPUC; and

WHEREAS, Based on PG&E forecasts, PG&E's generation rates are expected to decrease and the PCIA is expected to increase for most CleanPowerSF customers beginning on January 1, 2019; and

WHEREAS, To address the anticipated change in PG&E's generation and FFS rates, staff proposes to decrease CleanPowerSF generation rates by an amount equal to the change in PG&E's generation and FFS rates beginning on January 1, 2019 as compared to current PG&E rates; and

WHEREAS, To address the anticipated impact of PG&E's PCIA rate changes on CleanPowerSF ratepayers, staff proposes to add a volumetric rate credit on CleanPowerSF customers' bills equal to the projected increase in the PCIA fees PG&E will charge CleanPowerSF customers beginning on January 1, 2019; and

WHEREAS, Pursuant to Charter Section 16.112, a Notice of hearing on the proposal to adopt a schedule of rates was published in the official newspaper on November 21, 22, 23, 25, & 28, 2018, and posted on the SFPUC website and at the San Francisco Public Library, as required, for a public hearing on December 11, 2018; and

WHEREAS, On November 29, 2018 the Planning Department determined that this action is statutorily exempt from the California Environmental Quality Act (CEQA) and the CEQA Guidelines Section 15273 (Rates, Tolls, Fares, and Charges); and

WHEREAS, Charter section 8B.125 requires the Commission to set rates and charges, subject to rejection by the Board of Supervisors, within 30 days of submission; now, therefore, be it

RESOLVED, This Commission hereby sets the rates and charges as presented in Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges to take effect on February 1, 2019 and to remain in effect until replaced or revised; and be it

FURTHER RESOLVED, The General Manager is authorized to adjust the initial rates in Exhibit 1 after January 1, 2019 PG&E rates are finalized, so long as the adjusted rates recover the cost of service, prior to commencing the opt-out process for the April 2019 enrollment; and be it

FURTHER RESOLVED, This Commission recognizes that the timing of PG&E's rate implementation could be delayed and authorizes the GM to delay implementation of the steps described herein if necessary due to delays authorized by the CPUC, or if other actions of the CPUC or PG&E require further consideration by this Commission prior to implementing this rate action; and be it.

FURTHER RESOLVED, Effective July 1, 2019, and each successive July 1 thereafter, the General Manager is authorized to adjust rates not otherwise adjusted by Commission action by the annual percentage change in the Consumer Price Index (CPI) for All Urban Consumers for San Francisco-Oakland-San Jose published by the U.S. Bureau of Labor Statistics (for the twelve months ended December 31 in the calendar year preceding the year during which the rates will be effective); and be it

FURTHER RESOLVED, This Commission directs the General Manager to conduct a cost-of-service review concurrent with the standard Power Enterprise cost of service review no less than every five years and propose revised rates, as required by Charter Section 8B.125; and be it

FURTHER RESOLVED, That all other necessary rate adjustments will be conducted consistent with the process established by Charter Section 8B.125; and be it

FURTHER RESOLVED, This Commission hereby finds that adoption of this resolution will establish rates for the purpose of meeting operating expenses, including the recovery of program reserves and allow for CleanPowerSF to be financially stable, and that adoption of the resolution is exempt from environmental review requirements in accordance with California Public Resource Code Section 21080(b)(8); and be it

FURTHER RESOLVED, This Commission directs the General Manager to submit these initial rates and charges, including the direction to adjust the initial rates prior to commencement of the April 2019 enrollment opt-out process and the authorization for annual administrative rate adjustments based on CPI, to the Board of Supervisors, as required by Charter Section 8B.125.

I hereby certify that the foregoing resolution was adopted by the Public Utilities Commission at its meeting of December 11, 2018.

Secretary, Public Utilities Commission

Exhibit 1: Schedule of CleanPowerSF Electric Rates and Charges Effective February 1, 2019

Tariff Title	Applies To Customers on Following PG&E Rate Schedules	Season	Hours Applied	Proposed Green Product Rate Feb. 1, 2019	CleanPowerSF PCIA Credit Feb. 1, 2019	SuperGreen Premium	SuperGreen Rate Feb. 1, 2019 (Green Rate + SuperGreen Premium)	Billing Determinant
Non-Time of Use Residential (E-1)	E1, E1L, EM, EML, ES, ESL, ESR, ESRL, ET, and ETL	Year round	All hours	0.06624	0.00000	\$ 0.015	0.08124	kWh
Residential Time of Use (1) (E-6)	E-6	Summer	Peak	0.18709	0.00000	\$ 0.015	0.20209	kWh
			Part Peak	0.08214	0.00000	\$ 0.015	0.09714	kWh
		Off Peak	0.03930	0.00000	\$ 0.015	0.05430	kWh	
		Winter	Part Peak	0.06308	0.00000	\$ 0.015	0.07808	kWh
Off Peak	0.05130		0.00000	\$ 0.015	0.06630	kWh		
Residential Time of Use A (E-TOU A)	E-TOU A	Summer	Peak	0.14316	0.00000	\$ 0.015	0.15816	kWh
			Off Peak	0.07287	0.00000	\$ 0.015	0.08787	kWh
		Winter	Peak	0.06193	0.00000	\$ 0.015	0.07693	kWh
			Off Peak	0.04864	0.00000	\$ 0.015	0.06364	kWh
Residential Time of Use B (E-TOU B)	E-TOU B	Summer	Peak	0.16350	0.00000	\$ 0.015	0.17850	kWh
			Off Peak	0.06766	0.00000	\$ 0.015	0.08266	kWh
		Winter	Peak	0.06414	0.00000	\$ 0.015	0.07914	kWh
			Off Peak	0.04666	0.00000	\$ 0.015	0.06166	kWh
Residential Time of Use C (E-TOU C)	E-TOU C	Summer	Peak	0.12079	0.00000	\$ 0.015	0.13579	kWh
			Off Peak	0.06179	0.00000	\$ 0.015	0.07679	kWh
		Winter	Peak	0.06828	0.00000	\$ 0.015	0.08328	kWh
			Off Peak	0.05216	0.00000	\$ 0.015	0.06716	kWh
Electric Vehicle Time-of-Use Service (EV)	EVA, EVB	Summer	Peak	0.19546	0.00000	\$ 0.015	0.21046	kWh
			Part Peak	0.07658	0.00000	\$ 0.015	0.09158	kWh
			Off Peak	0.02157	0.00000	\$ 0.015	0.03657	kWh
		Winter	Peak	0.05174	0.00000	\$ 0.015	0.06674	kWh
			Part Peak	0.01957	0.00000	\$ 0.015	0.03457	kWh
			Off Peak	0.02355	0.00000	\$ 0.015	0.03855	kWh
Residential Multi Meter Standby	SEM	Year round	Reservation Charge	0.39	0.00	\$ 0.015	0.39	kW
			All hours	0.06624	0.00000	\$ 0.015	0.08124	kWh
Small General Service (A-1)	A-1 A	Summer	All hours	0.09087	-0.00823	\$ 0.010	0.10087	kWh
		Winter	All hours	0.05463	-0.00823	\$ 0.010	0.06463	kWh
Small General Service (A-1TOU)	A-1 B	Summer	Peak	0.10393	-0.00823	\$ 0.010	0.11393	kWh
			Part Peak	0.08208	-0.00823	\$ 0.010	0.09208	kWh
		Off Peak	0.05681	-0.00823	\$ 0.010	0.06681	kWh	
		Winter	Part Peak	0.08190	-0.00823	\$ 0.010	0.09190	kWh
Off Peak	0.06257		-0.00823	\$ 0.010	0.07257	kWh		
Small General Time-of-Use Service (A-6)	A-6	Summer	Peak	0.32083	-0.00823	\$ 0.010	0.33083	kWh
			Part Peak	0.10210	-0.00823	\$ 0.010	0.11210	kWh
		Off Peak	0.04824	-0.00823	\$ 0.010	0.05824	kWh	
		Winter	Part Peak	0.07177	-0.00823	\$ 0.010	0.08177	kWh
Off Peak	0.05561		-0.00823	\$ 0.010	0.06561	kWh		
Direct-Current General Service (A-15)	A-15	Summer	All hours	0.09087	-0.00823	\$ 0.010	0.10087	kWh
		Winter	All hours	0.05463	-0.00823	\$ 0.010	0.06463	kWh
Medium General Demand Non-Time of Use - Secondary Voltage (A-10AS)	A-10 A	Summer	All hours	0.07989	-0.00969	\$ 0.005	0.08489	kWh
		Winter	All hours	0.05537	-0.00969	\$ 0.005	0.06037	kWh
		Summer	Demand	4.92	0.00	\$ 0.005	4.92	kW
		Winter	Demand	4.92	0.00	\$ 0.005	4.92	kW
Med. General Demand Non-Time of Use - Primary Voltage (A-10AP)	A-10 A	Summer	All hours	0.07086	-0.00969	\$ 0.005	0.07586	kWh
		Winter	All hours	0.04960	-0.00969	\$ 0.005	0.05460	kWh
		Summer	Demand	4.27	0.00	\$ 0.005	4.27	kW
		Winter	Demand	4.27	0.00	\$ 0.005	4.27	kW
Med. General Demand Non-Time of Use - Transmission (A-10AT)	A-10 A	Summer	All hours	0.06193	-0.00969	\$ 0.005	0.06693	kWh
		Winter	All hours	0.04348	-0.00969	\$ 0.005	0.04848	kWh
		Summer	Demand	3.35	0.00	\$ 0.005	3.35	kW
		Winter	Demand	3.35	0.00	\$ 0.005	3.35	kW
Medium General Demand Time of Use - Secondary Voltage (A-10BS)	A-10 B	Summer	Peak	0.12887	-0.00969	\$ 0.005	0.13387	kWh
			Part Peak	0.07876	-0.00969	\$ 0.005	0.08376	kWh
			Off Peak	0.05324	-0.00969	\$ 0.005	0.05824	kWh
		Winter	Part Peak	0.06427	-0.00969	\$ 0.005	0.06927	kWh
			Off Peak	0.04875	-0.00969	\$ 0.005	0.05375	kWh
			Summer	Demand	4.92	0.00	\$ 0.005	4.92
Medium General Demand Time of Use - Primary Voltage (A-10BP)	A-10 B	Summer	Peak	0.11806	-0.00969	\$ 0.005	0.12306	kWh
			Part Peak	0.07210	-0.00969	\$ 0.005	0.07710	kWh
			Off Peak	0.04789	-0.00969	\$ 0.005	0.05289	kWh
		Winter	Part Peak	0.05965	-0.00969	\$ 0.005	0.06465	kWh
			Off Peak	0.04521	-0.00969	\$ 0.005	0.05021	kWh
			Summer	Demand	4.27	0.00	\$ 0.005	4.27
Medium General Demand Time of Use - Transmission (A-10BT)	A-10 B	Summer	Peak	0.10513	-0.00969	\$ 0.005	0.11013	kWh
			Part Peak	0.06252	-0.00969	\$ 0.005	0.06752	kWh
			Off Peak	0.03951	-0.00969	\$ 0.005	0.04451	kWh
		Winter	Part Peak	0.05180	-0.00969	\$ 0.005	0.05680	kWh
			Off Peak	0.03855	-0.00969	\$ 0.005	0.04355	kWh
			Summer	Demand	3.35	0.00	\$ 0.005	3.35

Tariff Title	Applies To Customers on Following PG&E Rate Schedules	Season	Hours Applied	Proposed Green Product Rate Feb. 1, 2019	CleanPowerSF PCIA Credit Feb. 1, 2019	SuperGreen Premium	SuperGreen Rate Feb. 1, 2019 (Green Rate + SuperGreen Premium)	Billing Determinant			
Medium General Demand Time of Use - Secondary (E-19S)	E-19	Summer	Peak	0.10555	-0.01040	\$ 0.005	0.11055	kWh			
			Part Peak	0.06450	-0.01040	\$ 0.005	0.06950	kWh			
			Off Peak	0.03732	-0.01040	\$ 0.005	0.04232	kWh			
			Max Peak Demand	12.81	0.00	\$ 0.005	12.81	kW			
			Max Part Peak Demand	3.16	0.00	\$ 0.005	3.16	kW			
		Winter	Part Peak	0.05888	-0.01040	\$ 0.005	0.06388	kWh			
Off Peak			0.04406	-0.01040	\$ 0.005	0.04906	kWh				
Medium General Demand Time of Use - Primary (E-19P)		E-19	Summer	Peak	0.09897	-0.01040	\$ 0.005	0.10397	kWh		
				Part Peak	0.05920	-0.01040	\$ 0.005	0.06420	kWh		
				Off Peak	0.03362	-0.01040	\$ 0.005	0.03862	kWh		
				Max Peak Demand	11.70	0.00	\$ 0.005	11.70	kW		
				Max Part Peak Demand	2.85	0.00	\$ 0.005	2.85	kW		
	Winter		Part Peak	0.05382	-0.01040	\$ 0.005	0.05882	kWh			
Off Peak			0.03994	-0.01040	\$ 0.005	0.04494	kWh				
Medium General Demand Time of Use - Transmission (E-19T)	E-19		Summer	Peak	0.07258	-0.01040	\$ 0.005	0.07758	kWh		
				Part Peak	0.05780	-0.01040	\$ 0.005	0.06280	kWh		
				Off Peak	0.03823	-0.01040	\$ 0.005	0.04323	kWh		
				Max Peak Demand	14.57	0.00	\$ 0.005	14.57	kW		
				Max Part Peak Demand	3.66	0.00	\$ 0.005	3.66	kW		
		Winter	Part Peak	0.06012	-0.01040	\$ 0.005	0.06512	kWh			
Off Peak			0.04509	-0.01040	\$ 0.005	0.05009	kWh				
Medium General Demand Time of Use - Secondary With Qualifying Solar PV (E-19-S-R)		E-19	Summer	Peak	0.24722	-0.01040	\$ 0.005	0.25222	kWh		
				Part Peak	0.09746	-0.01040	\$ 0.005	0.10246	kWh		
			Winter	Off Peak	0.03732	-0.01040	\$ 0.005	0.04232	kWh		
				Part Peak	0.05888	-0.01040	\$ 0.005	0.06388	kWh		
			Summer	Off Peak	0.04406	-0.01040	\$ 0.005	0.04906	kWh		
	Peak			0.24130	-0.01040	\$ 0.005	0.24630	kWh			
Medium General Demand Time of Use - Primary With Qualifying Solar PV (E-19-P-R)	E-19		Summer	Part Peak	0.09180	-0.01040	\$ 0.005	0.09680	kWh		
				Off Peak	0.03362	-0.01040	\$ 0.005	0.03862	kWh		
			Winter	Part Peak	0.05382	-0.01040	\$ 0.005	0.05882	kWh		
				Off Peak	0.03994	-0.01040	\$ 0.005	0.04494	kWh		
			Summer	Peak	0.26518	-0.01040	\$ 0.005	0.27018	kWh		
				Part Peak	0.10323	-0.01040	\$ 0.005	0.10823	kWh		
Medium General Demand Time of Use - Transmission With Qualifying Solar PV (E-19-T-R)		E-19	Summer	Off Peak	0.03823	-0.01040	\$ 0.005	0.04323	kWh		
				Part Peak	0.06012	-0.01040	\$ 0.005	0.06512	kWh		
			Winter	Off Peak	0.04509	-0.01040	\$ 0.005	0.05009	kWh		
				Peak	0.26518	-0.01040	\$ 0.005	0.27018	kWh		
			Service to Max Demands >1,000 kW Time of Use - Secondary Voltage (E-20S)	E-20	Summer	Part Peak	0.09985	-0.00997	\$ 0.010	0.10985	kWh
						Off Peak	0.06174	-0.00997	\$ 0.010	0.07174	kWh
Max Peak Demand	0.03558					-0.00997	\$ 0.010	0.04558	kWh		
Max Part Peak Demand	12.66					0.00	\$ 0.010	12.66	kW		
Off Peak	3.12					0.00	\$ 0.010	3.12	kW		
Winter	Part Peak				0.05621	-0.00997	\$ 0.010	0.06621	kWh		
	Off Peak		0.04203		-0.00997	\$ 0.010	0.05203	kWh			
Service to Max Demands >1,000 kW Time of Use - Primary Voltage (E-20P)	E-20		Summer		Peak	0.10305	-0.00974	\$ 0.010	0.11305	kWh	
		Part Peak			0.06136	-0.00974	\$ 0.010	0.07136	kWh		
		Off Peak			0.03571	-0.00974	\$ 0.010	0.04571	kWh		
		Max Peak Demand			13.79	0.00	\$ 0.010	13.79	kW		
		Max Part Peak Demand			3.26	0.00	\$ 0.010	3.26	kW		
		Winter	Part Peak	0.05587	-0.00974	\$ 0.010	0.06587	kWh			
Off Peak			0.04201	-0.00974	\$ 0.010	0.05201	kWh				
Service to Max Demands >1,000 kW Time of Use - Transmission (E-20T)		E-20	Summer	Peak	0.06251	-0.00943	\$ 0.010	0.07251	kWh		
				Part Peak	0.04990	-0.00943	\$ 0.010	0.05990	kWh		
				Off Peak	0.03322	-0.00943	\$ 0.010	0.04322	kWh		
				Max Peak Demand	16.37	0.00	\$ 0.010	16.37	kW		
				Max Part Peak Demand	3.90	0.00	\$ 0.010	3.90	kW		
	Winter		Part Peak	0.05189	-0.00943	\$ 0.010	0.06189	kWh			
Off Peak			0.03907	-0.00943	\$ 0.010	0.04907	kWh				
Medium General Demand With Qualifying Solar PV Time of Use - Secondary E-20-S-R	E-20		Summer	Peak	0.22946	-0.00997	\$ 0.010	0.23946	kWh		
				Part Peak	0.09308	-0.00997	\$ 0.010	0.10308	kWh		
			Winter	Off Peak	0.03558	-0.00997	\$ 0.010	0.04558	kWh		
				Part Peak	0.05621	-0.00997	\$ 0.010	0.06621	kWh		
			Summer	Off Peak	0.04203	-0.00997	\$ 0.010	0.05203	kWh		
		Peak		0.24507	-0.00974	\$ 0.010	0.25507	kWh			
Medium General Demand With Qualifying Solar PV Time of Use - Primary E-20-P-R		E-20	Summer	Part Peak	0.09259	-0.00974	\$ 0.010	0.10259	kWh		
				Off Peak	0.03571	-0.00974	\$ 0.010	0.04571	kWh		
			Winter	Part Peak	0.05587	-0.00974	\$ 0.010	0.06587	kWh		
				Off Peak	0.04201	-0.00974	\$ 0.010	0.05201	kWh		
			Summer	Peak	0.23934	-0.00943	\$ 0.010	0.24934	kWh		
				Part Peak	0.08735	-0.00943	\$ 0.010	0.09735	kWh		
Medium General Demand With Qualifying Solar PV Time of Use - Transmission E-20-T-R	E-20		Summer	Off Peak	0.03322	-0.00943	\$ 0.010	0.04322	kWh		
				Part Peak	0.05189	-0.00943	\$ 0.010	0.06189	kWh		
			Winter	Off Peak	0.03907	-0.00943	\$ 0.010	0.04907	kWh		

Tariff Title	Applies To Customers on Following PG&E Rate Schedules	Season	Hours Applied	Proposed Green Product Rate Feb. 1, 2019	CleanPowerSF PCIA Credit Feb. 1, 2019	SuperGreen Premium	SuperGreen Rate Feb. 1, 2019 (Green Rate + SuperGreen Premium)	Billing Determinant			
Customer-Owned Street and Highway Lighting Customer-Owned Street and Highway Lighting Electrolier Meter Rate Outdoor Area Lighting Services (LS-1)	LS-2, LS-3, OL-1	Year round	All hours	0.07449	-0.02078	\$ 0.010	0.08449	kWh			
Traffic Control Service (TC-1)	TC-1	Year round	All hours	0.06267	-0.00823	\$ 0.010	0.07267	kWh			
Agricultural Power (AG-1)	AG-1 A	Summer	All hours	0.07899	-0.00500	\$ 0.010	0.08899	kWh			
		Connected Load	1.43	0.00	\$ 0.010	1.43	kW				
	Winter	All hours	0.05837	-0.00500	\$ 0.010	0.06837	kWh				
	AG-1 B	Summer	All hours	0.08209	-0.00500	\$ 0.010	0.09209	kWh			
		Max Demand	2.15	0.00	\$ 0.010	2.15	kW				
		Primary Voltage Disc.	0.79	0.00	\$ 0.010	0.79	kW				
Winter		All hours	0.05844	-0.00500	\$ 0.010	0.06844	kWh				
Agricultural Power, Time-of-Use (AG-4A)	AG-4 A, AG-4 D	Summer	Peak	0.14148	-0.00500	\$ 0.010	0.15148	kWh			
		Off Peak	0.04678	-0.00500	\$ 0.010	0.05678	kWh				
	Connected Load	1.42	0.00	\$ 0.010	1.42	kW					
	Winter	Part Peak	0.05108	-0.00500	\$ 0.010	0.06108	kWh				
		Off Peak	0.03979	-0.00500	\$ 0.010	0.04979	kWh				
		Peak	0.10246	-0.00500	\$ 0.010	0.11246	kWh				
Off Peak		0.04891	-0.00500	\$ 0.010	0.05891	kWh					
Agricultural Power, Time-of-Use (AG-4B)	AG-4 B, AG-4 E	Summer	Max Demand	2.51	0.00	\$ 0.010	2.51	kW			
		Max Peak Demand	2.66	0.00	\$ 0.010	2.66	kW				
	Primary Voltage Disc. (per Max Demand)	0.62	0.00	\$ 0.010	0.62	kW					
	Winter	Part Peak	0.04707	-0.00500	\$ 0.010	0.05707	kWh				
		Off Peak	0.03630	-0.00500	\$ 0.010	0.04630	kWh				
		Peak	0.12211	-0.00500	\$ 0.010	0.13211	kWh				
Part Peak		0.05821	-0.00500	\$ 0.010	0.06821	kWh					
Agricultural Power, Time-of-Use (AG-4C)	AG-4 C, AG-4 F	Summer	Off Peak	0.03500	-0.00500	\$ 0.010	0.04500	kWh			
			Max Peak Demand	6.18	0.00	\$ 0.010	6.18	kW			
			Max Part Peak Demand	1.05	0.00	\$ 0.010	1.05	kW			
			Primary Voltage Disc. (per Max Peak Demand)	1.07	0.00	\$ 0.010	1.07	kW			
			Trans. Volt. Disc. (per Max Peak Demand)	1.97	0.00	\$ 0.010	1.97	kW			
			Trans. Volt. Disc. (per Max Part-Peak Demand)	-0.02	0.00	\$ 0.010	-0.02	kW			
	Winter	Part Peak	0.04159	-0.00500	\$ 0.010	0.05159	kWh				
		Off Peak	0.03162	-0.00500	\$ 0.010	0.04162	kWh				
		Peak	0.13079	-0.00500	\$ 0.010	0.14079	kWh				
		Off Peak	0.05195	-0.00500	\$ 0.010	0.06195	kWh				
		Connected Load	3.88	0.00	\$ 0.010	3.88	kW				
		Part Peak	0.05560	-0.00500	\$ 0.010	0.06560	kWh				
Large Time-of-Use Agricultural Power (AG-5A)	AG-5 A, AG-5 D	Summer	Off Peak	0.04371	-0.00500	\$ 0.010	0.05371	kWh			
			Peak	0.12716	-0.00500	\$ 0.010	0.13716	kWh			
	AG-5 B, AG-5 E	Summer	Off Peak	0.02605	-0.00500	\$ 0.010	0.03605	kWh			
			Max Demand	4.66	0.00	\$ 0.010	4.66	kW			
			Max Peak Demand	5.84	0.00	\$ 0.010	5.84	kW			
			Primary Voltage Disc. (per Max Demand)	1.47	0.00	\$ 0.010	1.47	kW			
			Trans. Volt. Disc. (per Max Demand)	2.55	0.00	\$ 0.010	2.55	kW			
			Part Peak	0.04712	-0.00500	\$ 0.010	0.05712	kWh			
	Winter	Off Peak	0.01734	-0.00500	\$ 0.010	0.02734	kWh				
		Peak	0.10110	-0.00500	\$ 0.010	0.11110	kWh				
		Part Peak	0.04774	-0.00500	\$ 0.010	0.05774	kWh				
		Off Peak	0.02788	-0.00500	\$ 0.010	0.03788	kWh				
Max Peak Demand		10.83	0.00	\$ 0.010	10.83	kW					
Max Part Peak Demand		2.04	0.00	\$ 0.010	2.04	kW					
Large Time-of-Use Agricultural Power (AG-5C)	AG-5 C, AG-5 F	Summer	Primary Voltage Disc. (per Max Peak Demand)	2.23	0.00	\$ 0.010	2.23	kW			
			Trans. Volt. Disc. (per Max Peak Demand)	4.18	0.00	\$ 0.010	4.18	kW			
			Part Peak	0.04650	-0.01767	\$ 0.010	0.05650	kWh			
			Off Peak	0.03748	-0.01767	\$ 0.010	0.04748	kWh			
			Reservation Charge	0.37	0.00	\$ 0.010	0.37	kW			
			Peak	0.08398	-0.01182	\$ 0.010	0.09398	kWh			
	Standby Service - Secondary and Primary Voltage	Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate	Summer	Part Peak	0.06867	-0.01182	\$ 0.010	0.07867	kWh		
				Off Peak	0.04865	-0.01182	\$ 0.010	0.05865	kWh		
			Winter	Part Peak	0.07111	-0.01182	\$ 0.010	0.08111	kWh		
				Off Peak	0.05560	-0.01182	\$ 0.010	0.06560	kWh		
			Standby Service - Transmission Voltage	Applies to Full Standby customers under Rate Schedule S. All partial standby customers are billed at their Otherwise Applicable Schedule ("OAS") rate	Year round	Reservation Charge	0.31	0.00	\$ 0.010	0.31	kW
						Peak	0.06852	-0.01182	\$ 0.010	0.07852	kWh
Summer	Part Peak	0.05580			-0.01182	\$ 0.010	0.06580	kWh			
	Off Peak	0.03900			-0.01182	\$ 0.010	0.04900	kWh			
Winter	Part Peak	0.05780	-0.01182	\$ 0.010	0.06780	kWh					
	Off Peak	0.04490	-0.01182	\$ 0.010	0.05490	kWh					