

**NOTE:** These documents have been updated to correct a typographical error.



additional products. In a May 2020 update to the Power Source Disclosure Program Annual Report (PSDR) regulations, the Board is now able to attest to each of AMP's products.

## DISCUSSION

### *Board Timeline for PSDR, PCL, and Other Environmental Reports*

The timing of AMP staff's update to the Board of various environmental and regulatory compliance filings has fluctuated over the last several years. With respect to the PSDR and PCL, the CEC has recently passed regulations to receive meeting minutes from the meeting where the Board approves the submission prior to October 1<sup>st</sup>. In order to meet this firm October 1<sup>st</sup> deadline, Board attestation must occur by the July meeting with meeting notes approved in the September meeting. Therefore, staff will continue to bring the PSDR and PCL report to the Board in July and the rest of the updates for environmental and regulatory compliance in September.

### *AMP's Product 1 - Power Source Disclosure Report and Product Content Label*

The power generation data that populates the 2019 PSDR and PCL (Exhibit A) was prepared by NCPA and reviewed for accuracy by AMP staff. Each year, AMP's annual generation data is summarized as percentages by resource type of total retail sales and submitted by June 1 to the CEC. However, due to the recent COVID-19 pandemic, the CEC has pushed the submission date for 2019 PSDR to July 20. The CEC adds AMP's information to that of other load serving entities to issue a resource mix for all of California (CA). The 2019 PCL for the CA Power Mix has yet to be released.

Table 1 shows AMP's electric supply mix over the 2015 through 2019 period and compares AMP's supply mix to CA's 2018 supply mix as a whole. Data from 2019 is included in AMP's PCL, which is attached as Exhibit A and reflects the following significant changes between 2018 and 2019 report:

- Large hydroelectric generation increased from 18 percent of AMP's total resources in 2018 to 42 percent in 2019 due to an average water year in 2018 followed by a good wet year in 2019.
- AMP's renewable content decreased from 35 to 29 percent mainly due to a prolonged Butte landfill outage. In addition, wind output was also lower than in 2018.
- AMP's unspecified market purchases decreased from 46 to 28 percent as the increase in hydroelectric generation was greater than the decrease in renewable power.
- 2019 is the final year of AMP's REC sales. Starting with the 2020 PSDR we should observe a greater than 40 percent increase to our CA eligible renewables.

**Table 1 - Resource Mix from Alameda Municipal Power's 2015 - 2019 Power Content Labels**

Energy Resources	Alameda's Actual Supply Mix*					CA Power Mix
	2015	2016	2017	2018	2019	2018
<b>CA Eligible Renewables</b>	<b>20%</b>	<b>20%</b>	<b>22%</b>	<b>35%</b>	<b>29%</b>	<b>31%</b>
--Biomass	14%	13%	13%	13%	9%	2%
--Geothermal	0%	0%	1%	13%	10%	5%
--Small Hydroelectric	1%	1%	2%	2%	4%	2%
--Solar	0%	0%	0%	0%	0%	11%
--wind	6%	6%	6%	7%	6%	11%
<b>Coal</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>3%</b>
<b>Large Hydroelectric</b>	<b>10%</b>	<b>19%</b>	<b>47%</b>	<b>18%</b>	<b>42%</b>	<b>11%</b>
<b>Natural Gas</b>	<b>1%</b>	<b>&lt; 1%</b>	<b>2%</b>	<b>1%</b>	<b>1%</b>	<b>35%</b>
<b>Nuclear</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>9%</b>
<b>Other</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>&lt;1%</b>
<b>Unspecified Sources<sup>a</sup></b>	<b>69%</b>	<b>60%</b>	<b>30%</b>	<b>46%</b>	<b>28%</b>	<b>11%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

<sup>a</sup> "Unspecified Sources" means electricity from transactions that are not traceable to specific generation sources.

\*Percentage totals may not always add up to 100 percent due to rounding

It is important to note that CEC's PCL calculation is not directly linked to the State's Renewable Portfolio Standard (RPS) target for calendar year 2019. The PCL is a snapshot of one year's resources, whereas RPS compliance reporting looks at several years at a time, with a focus on encouraging and rewarding long-term investments in renewables.

*AMP's Product 2 - Power Source Disclosure Report and Product Content Label (Alameda Green)*

The power generation data that populates the 2019 PSDR and PCL (Exhibit B) was prepared by 3Degrees and reviewed for accuracy by AMP staff. Similar to AMP's Product 1, AMP's Alameda Green product reports annual REC purchases summarized as percentages by resource type of retail sales to Alameda Green participants and submitted by July 20 to the CEC. The CEC adds AMP's Alameda Green product information to that of other load serving entities to issue a resource mix for all of CA. Again, the 2019 PCL for the CA Power Mix has yet to be released.

Table 2 shows AMP's Alameda Green electric supply mix for 2019 and how it compares to CA's 2018 supply mix as a whole. Data from 2019 is included in AMP's Product 2 PCL, which is attached as Exhibit B and reflects the following changes from 2018 to 2019:

- The CEC implemented a major change in the May 2020 update to the PSDR regulations in how unbundled RECs are displayed on the PCL. Previously unbundled RECs were treated like any other category of REC. Starting this year, unbundled RECs purchased as part of Alameda Green are not reflected in the power mix and are instead displayed separately below the table.
- Participants of Alameda Green can find more details about the renewable sources they support, including the Green-e Energy certifications, on AMP’s webpage ([alamedamp.com/green](http://alamedamp.com/green)) or in Schedule 2 of the Alameda Green PSDR exhibit.

**Table 2 - Resource Mix from Alameda Municipal Power’s 2019 Power Content Label for its Second Product**

Energy Resources	Alameda Green Product Supply Mix	CA Power Mix
	2019	2018
<b>CA Eligible Renewables</b>	<b>0%</b>	<b>31%</b>
--Biomass	0%	2%
--Geothermal	0%	5%
--Small Hydroelectric	0%	2%
--Solar	0%	11%
--wind	0%	11%
<b>Coal</b>	<b>0%</b>	<b>3%</b>
<b>Large Hydroelectric</b>	<b>0%</b>	<b>11%</b>
<b>Natural Gas</b>	<b>0%</b>	<b>35%</b>
<b>Nuclear</b>	<b>0%</b>	<b>9%</b>
<b>Other</b>	<b>0%</b>	<b>&lt;1%</b>
<b>Unspecified Sources</b>	<b>100%</b>	<b>11%</b>
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>
<b>Percentage of Retail Sales Covered by Retired Unbundled RECs</b>	<b>100%</b>	<b>N/A</b>

Alameda Green’s renewable purchases do not impact AMP’s compliance with the CA’s RPS program. Alameda Green RECs are retired on behalf of Alameda Green participants. Given that AMP has achieved its goal of providing 100 percent clean energy to its customers starting in January 2020, AMP expanded the focus of the Alameda Green program to offer the opportunity to support renewable energy and greener communities beyond Alameda’s borders.

*Next Steps*

- AMP staff will submit approved meeting notes to the CEC to attest to AMP's filing.
- AMP staff will bring the final 2019 PCL with the CEC's calculation for California PCL as well as other environmental/compliance reports to the Board in September as *information only*.

FINANCIAL IMPACT

There is no direct cost impact associated with AMP's compliance with the reporting requirements of California legislation SB 1305 and AB 162.

LINKS TO BOARD POLICY AND OBJECTIVES

Sustainability – Strategy 2: AMP will deliver and maintain 100 percent carbon-neutral energy resources by 2020 and beyond.

EXHIBITS

- A. 2019 Power Source Disclosure and Product Content Label – Product 1
- B. 2019 Power Source Disclosure and Product Content Label – Product 2



**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure**  
**For the Year Ending December 31, 2019**

Retail suppliers are required to use the posted template and are not allowed to make edits to this format. Please complete all requested information.

**GENERAL INSTRUCTIONS**

**RETAIL SUPPLIER NAME**  
Alameda Municipal Power

**ELECTRICITY PORTFOLIO NAME**  
Alameda Municipal Power

**CONTACT INFORMATION**

**Name** Johnstone Kipyator

**Title** Energy Resources Analyst

**Mailing Address** 2000 Grand St. - P.O. BOX H

**City, State, Zip** Alameda, CA, 94501

**Phone** 510-814-6412

**E-mail** [kipyator@alamedamp.com](mailto:kipyator@alamedamp.com)

**Website URL for PCL Posting** <https://www.alamedamp.com/ghg-power-content-label>

Submit the Annual Report and signed Attestation in PDF format with the Excel version of the Annual Report to PSDprogram@energy.ca.gov. Remember to complete the Retail Supplier Name, Electricity Portfolio Name, and contact information above, and submit separate reports and attestations for each additional portfolio if multiple were offered in the previous year.

**NOTE:** Information submitted in this report is not automatically held confidential. If your company wishes the information submitted to be considered confidential an authorized representative must submit an application for confidential designation (CEC-13), which can be found on the California Energy Commissions's website at <https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office>.

If you have questions, contact Power Source Disclosure (PSD) staff at PSDprogram@energy.ca.gov or (916) 654-3954.



## INTRODUCTION

Retail suppliers are required to submit separate Annual Reports for each electricity portfolio offered to California retail consumers in the previous calendar year. Enter the Retail Supplier Name and Electricity Portfolio Name at the top of Schedule 1, Schedule 2, Schedule 3, and the Attestation.

A complete Annual Report includes the following tabs:

PSD Intro
Instructions
Schedule 1 - Procurements and Retail Sales
Schedule 2 - Retired Unbundled Renewable Energy Credits (RECs)
Schedule 3 - Annual Power Content Label Data
Asset-Controlling Supplier (ACS) Procurement Calculator
PSD Attestation

## INSTRUCTIONS

### Schedule 1: Procurements and Retail Sales

Retail suppliers of electricity must complete this schedule by entering information about all power procurements and **Specified Purchases**: A Specified Purchase refers to a transaction in which electricity is traceable to specific generating facilities by any auditable contract trail or equivalent, such as a tradable commodity system, that provides commercial verification that the electricity claimed has been sold once and only once to retail consumers. For specified purchases, include the following information for each line item:

**Facility Name** - Provide the name used to identify the facility.

**Fuel Type** - Provide the resource type (solar, natural gas, etc.) that this facility uses to generate electricity.

**Location** - Provide the state or province in which the facility is located.

**Identification Numbers** - Provide all applicable identification numbers from the Western Renewable Energy Generation Information System (WREGIS), the Energy Information Agency (EIA), and the California Renewables Portfolio Standard (RPS).

**Gross Megawatt Hours Procured** - Provide the quantity of electricity procured in MWh from the generating facility.

**Megawatt Hours Resold** - Provide the quantity of electricity resold at wholesale.

**Net Megawatt Hours Procured** - The Schedule automatically calculates the quantity of electricity procured minus resold electricity.

**Unspecified Power**: Unspecified Power refers to electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, or to power purchases from a transaction that expressly transferred energy only and not the RECs associated from a facility. Do not enter procurements of unspecified power. The schedule will calculate unspecified power procurements automatically.

### Schedule 2: Retired Unbundled RECs

Complete this schedule by entering information about unbundled REC retirements in the previous calendar year. Unbundled RECs will be automatically displayed on Schedule 3 as a percentage of retail sales.

### Schedule 3: Annual Power Content Label Data

This schedule is provided as an automated worksheet that uses the information from Schedule 1 to calculate the power content, or resource mix, for each electricity portfolio. The percentages calculated on this worksheet should be used for your Power Content Label.

### ACS Resource Mix Calculator

Retail suppliers may report specified purchases from ACS system power if the ACS provided its fuel mix of its specified system mix to the Energy Commission. Use the calculator to determine the resource-specific procurement quantities, and transfer them to Schedule 1.

### Attestation





This template provides the attestation that must be submitted with the Annual Report to the Energy Commission, stating that the information contained in the applicable schedules is correct and that the power has been sold once and only once to retail consumers. This attestation must be included in the package that is transmitted to the Energy Commission. Please provide the complete Annual Report in Excel format and the complete Annual Report with signed attestation in PDF format as well.



**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure**  
**SCHEDULE 1: PROCUREMENTS AND RETAIL SALES**  
**For the Year Ending December 31, 2019**  
**Alameda Municipal Power**  
**Alameda Municipal Power**

Instructions: Enter information about power procurements underlying this electricity portfolio for which your company is filing the Annual Report. Insert additional rows as needed. All fields in white should be filled out. Fields in grey auto-populate as needed and should not be filled out. For firm-and-shaped imports, provide the EIA ID of the substitute power, not the generator ID of the RECs. For EIA IDs for unspecified power or specified system mixes from asset-controlling suppliers, enter "unspecified", "BPA," "Powerex," or "Tacoma" as applicable. For specified procurements of ACS power, use the ACS Procurement Calculator to calculate the resource breakdown comprising the ACS system mix. Procurements of unspecified power must not be entered as line items below; unspecified power will be calculated automatically in cell L9. Unbundled RECs must not be entered on Schedule 1 ; these products must be entered on Schedule 2. At the bottom portion of the schedule, provide the other electricity end-uses that are not retail sales including, but not limited to transmission and distribution losses or municipal street lighting. Amounts should be in megawatt-hours.

Retail Sales (MWh)	<b>315,968</b>
Net Specified Procurement (MWh)	228,377
Unspecified Power (MWh)	87,591
Procurement to be adjusted	-
Net Natural Gas	4,104
Net Coal & Other Fossil Fuels	-
Net Nuclear, Large Hydro & Renewables	224,273

**DIRECTLY DELIVERED RENEWABLES**

Facility Name	Fuel Type	State or Province	WREGIS ID	RPS ID	N/A	EIA ID	Gross MWh		Adjusted Net MWh		N/A
							Procured	MWh Resold	Procured	Procured	
Richmond LFG	Biomass & biowaste	CA	W 2781			50831	735		735	735	
Ameresco Forward - Ameresco Forward	Biomass & biowaste	CA	W 3584				539		539	539	
Keller Canyon	Biomass & biowaste	CA	W 2071			56897	14,941		14,941	14,941	
Santa Cruz LFG	Biomass & biowaste	CA	W 2014			56428	9,351		9,351	9,351	
Butte LFG	Biomass & biowaste	CA	W 2848			57771	2,800		2,800	2,800	
Ameresco Vasco road - Ameresco vasco road	Biomass & biowaste	CA	W 3581				38		38	38	
WAPA - Nimbus	Eligible hydro	CA	W 1161			444	563		563	563	
WAPA - Lewiston	Eligible hydro	CA	W 1108			977	47		47	47	
WAPA - Stampede	Eligible hydro	CA	W 1177			7066	156		156	156	
New Spicer Meadows	Eligible hydro	CA	W 1260			54554	2,465		2,465	2,465	
Graeagle	Eligible hydro	CA	W 1531				2,547		2,547	2,547	
Tulloch	Eligible hydro	CA	W 788				7,275		7,275	7,275	
Tulloch - Unit 3	Eligible hydro	CA	W 3091				545		545	545	
Geothermal Plant #1 - Unit 1	Geothermal	CA	W 1254			7368	43,391	29,327	14,064	14,064	
Geothermal Plant #1 - Unit 2	Geothermal	CA	W 1255			7368	25,561	25,465	96	96	
Geothermal Plant #2 - Unit 4	Geothermal	CA	W 1257			7369	69,589	55,908	13,681	13,681	
Geo OSL	Geothermal	CA	W 4883				2,603		2,603	2,603	
Geo Solar 1 - Clearlake	Solar	CA	W 1509				83		83	83	
Geo Solar 2 - Middletown	Solar	CA	W 2792				151		151	151	
Hydro Solar	Solar	CA	W 1266				1		1	1	
High Winds	Wind	CA	W 229			56075	18,338		18,338	18,338	
Half Moon Bay (Ox Mountain)	Biomass & biowaste	CA	W 2033			56895	43,476	43,476	-	-	









**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source  
 SCHEDULE 3: ANNUAL POWER CONTENT LABEL DATA  
 for the year ending December 31, 2019  
 Alameda Municipal Power  
 Alameda Municipal Power**

Instructions: No data input is needed on this schedule. Retail suppliers should use these auto-populated calculations to fill out their Power Content Labels.

	<b>Adjusted Net Procured (MWh)</b>	<b>Percent of Total Retail Sales</b>
<b>Renewable Procurements</b>	91,019	28.8%
Biomass & Biowaste	28,404	9.0%
Geothermal	30,444	9.6%
Eligible Hydroelectric	13,598	4.3%
Solar	235	0.1%
Wind	18,338	5.8%
Coal	-	0.0%
Large Hydroelectric	133,254	42.2%
Natural gas	4,104	1.3%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Power	87,591	27.7%
<b>Total</b>	<b>315,968</b>	<b>100.0%</b>

<b>Total Retail Sales (MWh)</b>	<b>315,968</b>
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<b>Percentage of Retail Sales Covered by Retired Unbundled RECs</b>	<b>0.0%</b>
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**ASSET CONTROLLING SUPPLIER RESOURCE MIX CALCULATOR**

Instructions: Enter total net specified procurement of ACS system resources into cell A8, A23, or A38. In Column E, the calculator will determine quantities of resource-specific net procurement for entry on Schedule 1.

<b>Powerex</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.915	-
		Natural gas	0.013	-
		Nuclear	0.006	-
		Other	0.032	-
		Unspecified Power	0.034	-

<b>Bonneville Power Administration</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.85	-
		Natural gas		-
		Nuclear	0.11	-
		Other		-
		Unspecified Power	0.04	-

<b>Tacoma Power</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.896	-
		Natural gas		-
		Nuclear	0.064	-
		Other		-
		Unspecified Power	0.04	-



**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure  
ATTESTATION FORM  
for the year ending December 31, 2019  
Alameda Municipal Power  
Alameda Municipal Power**

I, Nicolas Procos, General Manager of Alameda Municipal Power, declare under penalty of perjury, that the statements contained in this report including Schedules 1, 2, and 3 are true and correct and that I, as an authorized agent of Alameda Municipal Power, have authority to submit this report on the company's behalf. I further declare that the megawatt-hours claimed as specified purchases as shown in these Schedules were, to the best of my knowledge, sold once and only once to retail customers.

Name: Nicolas Procos

Representing (Retail Supplier): Alameda Municipal Power

Signature: \_\_\_\_\_

Dated: \_\_\_\_\_

Executed at: Alameda, California





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**For the Year Ending December 31, 2019**

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**GENERAL INSTRUCTIONS**

<b>RETAIL SUPPLIER NAME</b>
Alameda Municipal Power

<b>ELECTRICITY PORTFOLIO NAME</b>
Alameda Green

**CONTACT INFORMATION**

<b>Name</b>	Johnstone Kipyator
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<b>Title</b>	Energy Resource Analyst
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<b>Mailing Address</b>	2000 Grand st, P.O. BOX H
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<b>City, State, Zip</b>	Alameda, CA, 94501
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<b>Phone</b>	510-814-6412
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<b>E-mail</b>	<a href="mailto:kipyator@alamedamp.com">kipyator@alamedamp.com</a>
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<b>Website URL for PCL Posting</b>	<a href="https://www.alamedamp.com/ghg-power-content-label">https://www.alamedamp.com/ghg-power-content-label</a>
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If you have questions, contact Power Source Disclosure (PSD) staff at PSDprogram@energy.ca.gov or (916) 654-3954.



# INTRODUCTION

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A complete Annual Report includes the following tabs:

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Schedule 1 - Procurements and Retail Sales
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Schedule 3 - Annual Power Content Label Data
Asset-Controlling Supplier (ACS) Procurement Calculator
PSD Attestation

# INSTRUCTIONS

## Schedule 1: Procurements and Retail Sales

Retail suppliers of electricity must complete this schedule by entering information about all power procurements and generation that served the identified electricity portfolio covered in this filing in the prior year. The schedule is divided into sections: directly delivered renewables, firmed-and-shaped imports, specified non-renewables, and procurements from ACSs. Insert additional rows as needed to report all procurements or generation serving the subject product. Provide the annual retail sales for the subject product in the appropriate space. At the bottom of Schedule 1, provide the retail suppliers' other electricity end-uses that are not retail sales, such as transmission and distribution losses. **Any retail supplier that offered multiple electricity portfolios in the prior year must submit separate Annual Reports for each portfolio offered.**

**Specified Purchases:** A Specified Purchase refers to a transaction in which electricity is traceable to specific generating facilities by any auditable contract trail or equivalent, such as a tradable commodity system, that provides commercial verification that the electricity claimed has been sold once and only once to retail consumers. For specified purchases, include the following information for each line item:

**Facility Name** - Provide the name used to identify the facility.

**Fuel Type** - Provide the resource type (solar, natural gas, etc.) that this facility uses to generate electricity.

**Location** - Provide the state or province in which the facility is located.

**Identification Numbers** - Provide all applicable identification numbers from the Western Renewable Energy Generation Information System (WREGIS), the Energy Information Agency (EIA), and the California Renewables Portfolio Standard (RPS).

**Gross Megawatt Hours Procured** - Provide the quantity of electricity procured in MWh from the generating facility.

**Megawatt Hours Resold** - Provide the quantity of electricity resold at wholesale.

**Net Megawatt Hours Procured** - The Schedule automatically calculates the quantity of electricity procured minus resold electricity.

**Unspecified Power:** Unspecified Power refers to electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, or to power purchases from a transaction that expressly transferred energy only and not the RECs associated from a facility. Do not enter procurements of unspecified power. The schedule will calculate unspecified power procurements automatically.

## Schedule 2: Retired Unbundled RECs

Complete this schedule by entering information about unbundled REC retirements in the previous calendar year. Unbundled RECs will be automatically displayed on Schedule 3 as a percentage of retail sales.

## Schedule 3: Annual Power Content Label Data



This schedule is provided as an automated worksheet that uses the information from Schedule 1 to calculate the power content, or resource mix, for each electricity portfolio. The percentages calculated on this worksheet should be used for your Power Content Label.

### **ACS Resource Mix Calculator**

Retail suppliers may report specified purchases from ACS system power if the ACS provided its fuel mix of its specified system mix to the Energy Commission. Use the calculator to determine the resource-specific procurement quantities, and transfer them to Schedule 1.

### **Attestation**

This template provides the attestation that must be submitted with the Annual Report to the Energy Commission, stating that the information contained in the applicable schedules is correct and that the power has been sold once and only once to retail consumers. This attestation must be included in the package that is transmitted to the Energy Commission. Please provide the complete Annual Report in Excel format and the complete Annual Report with signed attestation in PDF format as well.









**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure  
 SCHEDULE 3: ANNUAL POWER CONTENT LABEL DATA  
 for the year ending December 31, 2019  
 Alameda Municipal Power  
 Alameda Green**

Instructions: No data input is needed on this schedule. Retail suppliers should use these auto-populated calculations to fill out their Power Content Labels.

	<b>Adjusted Net Procured (MWh)</b>	<b>Percent of Total Retail Sales</b>
<b>Renewable Procurements</b>	-	0.0%
Biomass & Biowaste	-	0.0%
Geothermal	-	0.0%
Eligible Hydroelectric	-	0.0%
Solar	-	0.0%
Wind	-	0.0%
Coal	-	0.0%
Large hydroelectric	-	0.0%
Natural gas	-	0.0%
Nuclear	-	0.0%
Other	-	0.0%
Unspecified Electricity	19,238	100.0%
<b>Total</b>	<b>19,238</b>	<b>100.0%</b>

<b>Total Retail Sales (MWh)</b>	<b>19,238</b>
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<b>Percentage of Retail Sales Covered by Retired Unbundled RECs</b>	<b>100%</b>
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**ASSET CONTROLLING SUPPLIER RESOURCE MIX CALCULATOR**

Instructions: Enter total net specified procurement of ACS system resources into cell A8, A23, or A38. In Column E, the calculator will determine quantities of resource-specific net procurement for entry on Schedule 1.

<b>Powerex</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.915	-
		Natural gas	0.013	-
		Nuclear	0.006	-
		Other	0.032	-
		Unspecified Power	0.034	-

<b>Bonneville Power Administration</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.85	-
		Natural gas		-
		Nuclear	0.11	-
		Other		-
		Unspecified Power	0.04	-

<b>Tacoma Power</b>				
Net MWH Procured	N/A	Resource Type	Resource Mix Factors	Resource-Specific Procurements from ACS
		Biomass & biowaste		-
		Geothermal		-
		Eligible hydroelectric		-
		Solar		-
		Wind		-
		Coal		-
		Large hydroelectric	0.896	-
		Natural gas		-
		Nuclear	0.064	-
		Other		-
		Unspecified Power	0.04	-





**ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure  
ATTESTATION FORM  
for the year ending December 31, 2019  
Alameda Municipal power  
Alameda Green**

I, Nicolas Procos, General Manager of Alameda Municipal Power, declare under penalty of perjury, that the statements contained in this report including Schedules 1, 2, and 3 are true and correct and that I, as an authorized agent of Alameda Municipal Power, have authority to submit this report on the company's behalf. I further declare that the megawatt-hours claimed as specified purchases as shown in these Schedules were, to the best of my knowledge, sold once and only once to retail customers.

Name: Nicolas Procos

Representing (Retail Supplier): Alameda Municipal Power

Signature: \_\_\_\_\_

Dated: \_\_\_\_\_

Executed at: Alameda, California