

AGENDA REPORT

Resolution: Approval to Submit an Attestation of the Veracity of the Port's Power Source Disclosure Report and the Power Content Label to the California Energy Commission for Calendar Year 2018. (Engineering)

MEETING DATE: 1/23/2020

AMOUNT: N/AChoose an item.

PARTIES INVOLVED: California Energy Commission

SUBMITTED BY: Robert Andrews, Interim Director of Engineering

APPROVED BY: Danny Wan, Executive Director

ACTION TYPE: Resolution

EXECUTIVE SUMMARY

The Port of Oakland (Port) is required by the California Energy Commission (CEC) to annually provide a Power Source Disclosure Report and a Power Content Label, both of which disclose the fuel mix of its electricity products for its retail electric sales. Staff recommends, pursuant to CEC guidelines, that the Board of Port Commissioners approve the submission of an attestation of the veracity of the Power Source Disclosure Report and the Power Content Label to the CEC for calendar year 2018.

BACKGROUND

The Port, is a retail supplier providing electric service to its tenants in the seaport, airport and commercial real estate area of the Port. The Port is required by the CEC to disclose the fuel mix (e.g. eligible renewables, coal, large hydroelectric, natural gas, nuclear, etc.) of its electricity products sold to its retail customers on an annual basis in the form of a Power Source Disclosure Report to the CEC and a Power Content Label, using a template provided by the CEC, to its retail customers. The CEC requires that the Board of Port Commissioners (Board) approve the submission of an attestation of the veracity of the Power Source Disclosure Report and the Power Content Label to the CEC.

The Board of Port Commissioners by Resolution 11-159, passed in 2011, adopted a renewable energy resource procurement plan and a program for enforcement of the renewable portfolio standards (RPS) program. The RPS follows SBX1-2, Chapter 1, Statutes of 2011, First Extraordinary Session, known as the California Renewable Energy Resources

Act. The RPS requires that 20% of the Port's energy portfolio be renewable by 2010, 33% by 2020 and 50% by 2030.

ANALYSIS

Exhibit A shows the Port's Power Source Disclosure Report submitted to the CEC in June 2019. Schedule 1 of Exhibit A shows the sources of generation, fuel type, and quantity of generation purchased from a specified facility. Staff reconciled the specified sources of generation against an independent energy tracking system. Energy purchases whose source are not specified, such as wholesale market purchases, are accounted for as "Unspecified Power." Schedule 2 of Exhibit A aggregates the quantity purchased by fuel type and calculates the percentage of each fuel type as a percentage of retail sales. The percentages are then inserted into Exhibit B, the Power Content Label, which is then provided to customers and posted on the Port's website. In 2018, 23% of the energy sold to its tenants came from renewable energy resources and 17% from large hydropower resources. Together, 40% of the Port's energy sold to its tenants was Greenhouse Gas (GHG) free. Staff are currently planning power purchases that will allow the Port to meet or exceed the RPS target of 33% renewables in 2020.

Staff recommends that the Board approve the submission of an attestation of the veracity of the Port's Power Source Disclosure Report and the Power Content Label to the California Energy Commission for calendar year 2018.

BUDGET & STAFFING

The proposed action does not have any budget or staffing impact.

MARITIME AVIATION PROJECT LABOR AGREEMENT (MAPLA)

The matters contained in this Agenda Report do not fall within the scope of the Port of Oakland Maritime and Aviation Project Labor Agreement (MAPLA) and the provisions of the MAPLA do not apply.

LIVING WAGE

Living wage requirements, in accordance with the Port's Rules and Regulations for the Implementation and Enforcement of the Port of Oakland Living Wage Requirements, do not apply because the requested action is not an agreement, contract, lease, or request to provide financial assistance within the meaning of the Living Wage Regulations.

SUSTAINABILITY

Staff have reviewed the Port's 2000 Sustainability Policy and did not complete the Sustainability Opportunities Assessment Form. However, increasing the use of renewable energy sources is inherently sustainable, so increasing the use of renewable energy in the Port will support the Port's policies of sustainability.

ENVIRONMENTAL

CEQA: The proposal to approve the Port of Oakland's submission of an attestation related to the Port's Power Source Disclosure Report to the California Energy Commission was reviewed in accordance with the requirements of the California Environmental Quality Act (CEQA), and the Port CEQA Guidelines. The general rule in Section 15061(b)(3) of the CEQA Guidelines states that CEQA applies only to activities that have a potential for causing a significant effect on the environment. It can be seen with certainty that there is no possibility that the proposed action will result in a physical change in the environment, and therefore it is not subject to CEQA and no further environmental review is required.

GENERAL PLAN

This action does not change the use of any existing facility, make alterations to an existing facility, or create a new facility; therefore, a General Plan conformity determination pursuant to Section 727 of the City of Oakland Charter is not required.

OWNER-CONTROLLED INSURANCE PROGRAM (OCIP)

The Owner Controlled Insurance Program (OCIP) does not apply to the matters addressed by this Agenda Report as they are not capital improvement construction projects.

OPTIONS

1. Adopt a resolution approving the submission of an attestation of the veracity of the Port's Power Source Disclosure Report and the Power Content Label to the California Energy Commission for calendar year 2018. This is the recommended action.

RECOMMENDATION

Adopt a resolution approving the submission of an attestation of the veracity of the Port's Power Source Disclosure Report and the Power Content Label to the California Energy Commission for calendar year 2018.

Exhibit A

2018 Power Source Disclosure Report to the California Energy Commission

Schedule 1

ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure Program

For the Year Ending December 31, 2018 SCHEDULE 1: POWER PROCUREMENTS AND RETAIL SALES Applicable to: Retail Suppliers

INSTRUCTIONS: Submit a separate annual report for each electric service product offered in 2018. List all purchases (Specific and Unspecified) made ONLY in the 2018 calendar year. Add additional rows if needed. If a purchase was for unbundled RECs include the term "REC Only" in parentheses after the facility name in the Facility Name column, and categorize the power as the fuel type of the generating facility from which the unbundled REC was derived. If power was purchased through a transaction that expressly transferred energy only and not the RECs associated with that energy, identify the power as "Unspecified Power" in the Fuel Type column. If purchased power was from a renewable electrical generation facility that is not certified for participation in California's RPS Program, identify the Fuel Type as "Other".

ALL PROCUREMENTS (Specific and Unspecified)										
Facility Name	Unit No.	Fuel Type	Location (State or Province)	RPS ID	WREGIS GU ID	EIA ID	FERC QF ID	Gross MWh Procured	MWh Resold or Self-Consumed	Net MWh Procured
WAPA - Nimbus		Hydro	Folsom, CA		W 1161	444		198.33		198.33
WAPA - Nimbus -- RECs only		Hydro	Folsom, CA		W 1161	444		240.67		240.67
WAPA - Lewiston		Hydro	CA		W 1108			3.62		3.62
WAPA - Lewiston -- RECs only		Hydro	CA		W 1108			8.38		8.38
WAPA - Stampede -- RECs only		Hydro	CA		W 1177			39		39
Richmond LFG		Landfill Gas	Richmond, CA		W 2781	50831		0		0
Half Moon Bay (Ox Mountain)		Landfill Gas	Half Moon Bay, CA		W 2033	56895		0		0
Keller Canyon		Landfill Gas	Pittsburg, CA		W 2071	56897		0		0
Graeagle		Hydro	Graeagle, CA		W 1531			0		0
New Spicer Meadows		Hydro	Tuolumne County, CA		W 1260	54554		0		0
High Winds		Wind	Solano County, CA		W 229	56075		0		0
Collierville		Large Hydro	Murphys, CA		W 1258, 1259	54554		0		0
Hydro Solar -- self-consumed		Solar	Murphys, CA		W 1266			0		0
Hydro Solar -- RECs only		Solar	Murphys, CA		W 1266			0		0
WAPA - J.F.Carr		Large Hydro	CA		W 1164	2518		773.27		773.27
WAPA - Folsom		Large Hydro	CA		W 1156 thru 1163	2518		1992.47		1992.47
WAPA - Keswick		Large Hydro	CA		W 1165	2518		1122.54		1122.54
WAPA - New Melones		Large Hydro	CA		W 1159, 1160	2518		1811.04		1811.04
WAPA - Shasta		Large Hydro	CA		W 1168 thru 1176	2518		6127.35		6127.35
WAPA - Spring Creek		Large Hydro	CA		W 1174	2518		486.09		486.09
WAPA - Trinity		Large Hydro	CA		W 1175, 1176	2518		1027.36		1027.36
WAPA - O'Neill		Large Hydro	CA		W 1167, 1188	2518		8.77		8.77
Alameda #1 Natural Gas		Natural Gas	Alameda, CA			7450		0		0
Alameda #2 Natural Gas		Natural Gas	Alameda, CA			7450		0		0
Lodi CT #1 Natural Gas		Natural Gas	Lodi, CA			7451		0		0
Lodi CT #2 NG (STIG)		Natural Gas	Lodi, CA			7449		0		0
Lodi Energy Center		Natural Gas	Lodi, CA			40613		0		0
East Bay Municipal Utility District		Landfill Gas	Oakland, CA			56036		16807		16807
Unspecified		Unspecified						47,767		47,767
SunEdison Solar		Solar	Oakland, CA					694		694
										0
										0
										0
										0

Retail Supplier Name:

Total Net Purchases 79,107

Electric Service Product Name:

Total Retail Sales 78,413

Schedule 2

	Net Purchases (MWh)	Percent of Total Retail Sales (MWh)
Specific Purchases		
Renewable	17,991	23%
Biomass & Biowaste	16,807	21%
Geothermal	-	0%
Eligible Hydroelectric	490	1%
Solar	694	1%
Wind	-	0%
Coal	-	0%
Large Hydroelectric	13,349	17%
Natural Gas	-	0%
Nuclear	-	0%
Other	-	0%
Total Specific Purchases	31,340	40%
Unspecified Power (MWh)	47,767	60%
Total	79,107	100%
Total Retail Sales (MWh)	78,413	

Exhibit B

Version: July 2019

2018 POWER CONTENT LABEL		
Port Of Oakland		
www.portofoakland.com/business/port-utilities/power-content-label/		
ENERGY RESOURCES	Power Mix	2018 CA Power Mix**
Eligible Renewable	23%	31%
Biomass & Biowaste	21%	2%
Geothermal	0%	5%
Eligible Hydroelectric	1%	2%
Solar	1%	11%
Wind	0%	11%
Coal	0%	3%
Large Hydroelectric	17%	11%
Natural Gas	0%	35%
Nuclear	0%	9%
Other	0%	<1%
Unspecified sources of power*	60%	11%
TOTAL	100%	100%
<p>* "Unspecified sources of power" means electricity from transactions that are not traceable to specific generation sources.</p> <p>** Percentages are estimated annually by the California Energy Commission based on the electricity generated in California and net imports as reported to the Quarterly Fuel and Energy Report database and the Power Source Disclosure program.</p>		
For specific information about this electricity product, contact:	Port of Oakland 510-627-1167	
For general information about the Power Content Label, please visit:	http://www.energy.ca.gov/pcl/	
For additional questions, please contact the California Energy Commission at:	Toll-free in California: 844-454-2906 Outside California: 916-653-0237	