

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 2017. (Engineering)

MEETING DATE: 9/13/2018

AMOUNT: N/AChoose an item.

PARTIES INVOLVED: California Energy Commission

SUBMITTED BY: Chris Chan, Director of Engineering

APPROVED BY: J. Christopher Lytle, Executive Director

ACTION TYPE: Resolution

EXECUTIVE SUMMARY

Annually, the Port of Oakland (Port) is required by the California Energy Commission (CEC) to provide the CEC with a Power Source Disclosure Report and the Port's retail electric customers with a Power Content Label, both of which discloses the fuel mix of its electricity products. Staff recommends, pursuant to CEC guidelines, 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 2017.

BACKGROUND

The Port, as a retail supplier providing electric service, is required by the CEC to disclose the fuel mix (i.e. 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. Following the development of the Power Source Disclosure Report and Power Content Label, pursuant to CEC guidelines, an approval is needed from the governing body of a local publicly owned electric utility for the submission of an attestation of the veracity of the Power Source Disclosure Report and the Power Content Label to the CEC.

ANALYSIS

Exhibit A shows the Port's Power Source Disclosure Report submitted to the CEC in June 2018. 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 2017, 28% of the energy sold to its tenants came from renewable energy resources and 23% from large hydropower resources. Together, 51% of the Port's energy sold to its tenants was Greenhouse Gas (GHG) free.

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 2017.

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

There are no sustainability opportunities applicable to the proposed power source disclosure report because the report is neither a proposed project, tenancy agreement or a tenant development. As part of the Port's ongoing effort to reduce emissions from its operation, Port staff will continue to look for opportunities to increase procurement of renewable or GHG free electricity.

ENVIRONMENTAL

CEQA: The proposal to approve the Port of Oakland's submission of an attestation related to the Port's Power Source Disclosure Report and Power Content Label 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 2017. 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 2017.

Exhibit A

2017 Power Source Disclosure Report to the California Energy Commission

Schedule 1

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

For the Year Ending December 31, 2017 SCHEDULE 1: POWER PROCUREMENTS AND RETAIL SALES Applicable to: Load Serving Entities

INSTRUCTIONS: Enter information about power procurements supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Please list all purchases (Specified and Unspecified purchases) as line items under the Facility Name heading. If a procurement 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 procured power was from 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.

ALL PROCUREMENTS (Specified 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		225.73		225.73
WAPA - Nimbus – RECs only		Hydro	Folsom, CA		W 1161	444		254.27		254.27
WAPA - Lewiston		Hydro	CA		W 1108			11.85		11.85
WAPA - Lewiston – RECs only		Hydro	CA		W 1108			13.15		13.15
WAPA - Stampede – RECs only		Hydro	CA		W 1177			52		52
WAPA - J.F.Carr		Large Hydro	CA		W 1164	2518		1302.39		1302.39
WAPA - Folsom		Large Hydro	CA		W 1156 thru 58	2518		3012.3		3012.3
WAPA - Keswick		Large Hydro	CA		W 1165	2518		1548.45		1548.45
WAPA - New Melones		Large Hydro	CA		W 1159, 1160	2518		2557.01		2557.01
WAPA - Shasta		Large Hydro	CA		W 1168 thru 72	2518		10310.11		10310.11
WAPA - Spring Creek		Large Hydro	CA		W 1174	2518		1632.01		1632.01
WAPA - Trinity		Large Hydro	CA		W 1175, 1176	2518		1467.78		1467.78
WAPA - O'Neill		Large Hydro	CA		W 1167, 1186	2518		0.03		0.03
East Bay Municipal Utility District		Landfill Gas	Oakland, CA			56036		17520		17520
Powerex		Unspecified Power						8258		8258
Shell Energy North America		Unspecified Power						38206		38206
SunEdison Solar		Solar	Oakland, CA					839.1		839.102
										0
										0
										0

Total Net Purchases 87,210

Total Retail Sales 66,992

Schedule 2

	Net Purchases (MWh)	Percent of Total Retail Sales (MWh)
Specific Purchases		
Renewable	18,916	28%
Biomass & Biowaste	17,520	26%
Geothermal	-	0%
Eligible hydroelectric	557	1%
Solar	839	1%
Wind	-	0%
Coal	-	0%
Large Hydroelectric	21,830	23%
Natural Gas	-	0%
Nuclear	-	0%
Other	-	0%
Total Specific Purchases	40,746	51%
Unspecified Power (MWh)	46,464	49%
Total	87,210	100%
Total Retail Sales (MWh)	66,992	

Exhibit B

2017 Power Content Label

		Version: July 2018
2017 POWER CONTENT LABEL		
Port of Oakland		
ENERGY RESOURCES	Power Mix	2017 CA Power Mix**
Eligible Renewable	28%	29%
Biomass & biowaste	26%	2%
Geothermal	0%	4%
Eligible hydroelectric	1%	3%
Solar	1%	10%
Wind	0%	10%
Coal	0%	4%
Large Hydroelectric	23%	15%
Natural Gas	0%	34%
Nuclear	0%	9%
Other	0%	<1%
Unspecified sources of power*	49%	9%
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 sold to California consumers during the identified year.</p>		
For specific information about this electricity product, contact:		<p>Port of Oakland</p> <p>510-627-1167</p>
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:		844-454-2906