

CALIFORNIA ENERGY COMMISSION

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Initial Study and Negative Declaration for Modification of Regulations Governing the Power Source Disclosure Program

Docket No. 16-OIR-05

Lead Agency

California Energy Commission

December 2019

Negative Declaration

Project Name

This project is a statewide rulemaking proceeding titled *Modification of Regulations Governing the Power Source Disclosure Program*, California Energy Commission (CEC) Docket Number 16-OIR-05.

Project Description and Location

Introduction

The Power Source Disclosure (PSD) program was established by Senate Bill 1305 (Sher, Chapter 796, Statutes of 1997) in an effort to provide California consumers “accurate, reliable, and simple to understand information on the sources of energy that are used to provide electric services.”¹ In 2016, the CEC adopted modifications to the regulation to incorporate statutory changes to program rules and reporting requirements as required by Assembly Bill (AB) 162 (Ruskin, Chapter 313, Statutes of 2009) and AB 2227 (Bradford, Chapter 606, Statutes of 2012).

Under the current PSD program, retail suppliers are required to annually disclose to their customers the mix of sources used to provide electricity service during the previous calendar year. In those instances where a retail supplier offers customers more than one electric supply portfolio, the retail supplier is to provide information specific to each electricity portfolio offered. In addition, retail suppliers are required to report to the CEC their gross purchases of electricity by source, resales of electricity, and the net electricity by source used to serve retail load for the previous calendar year. The CEC uses this information, in part, to generate California’s total system power mix. Retail suppliers then disclose to their customers the power mix associated with their electricity portfolios, as well as California’s overall power mix on an annual Power Content Label. Providing both the portfolio information and the state’s total system fuel mix allows consumers to compare their electricity portfolio to other portfolios offered by the retail supplier, as well as to California’s total system power mix.

AB 1110 (Ting, Chapter 656, Statutes of 2016) modified the PSD program and Power Content Label by requiring retail suppliers to disclose the greenhouse gas (GHG) emissions intensity (the rate of emissions per unit of electricity) associated with each electricity portfolio beginning in 2020 for the 2019 reporting year. AB 1110 also requires the CEC to determine a format for disclosing unbundled renewable energy credits (REC)² as a percentage of annual retail sales.

To implement AB 1110, the Legislature tasked the CEC with the following:

- Adopt a method, in consultation with the California Air Resources Board (CARB), for calculating the GHG emissions intensity corresponding to each purchase of electricity by a retail supplier to serve its customers.
- Adopt guidelines for the reporting and disclosure of the GHG emissions intensity associated with retail sales on the Power Content Label.
- Adopt guidelines for the reporting and disclosure of unbundled RECs on the Power Content Label.

¹ Public Utilities Code, section 398.1, subd. (b).

² Renewable energy credits (RECs) are defined in the express terms. See References section for link to express terms.

- Establish guidelines for adjusting the GHG emissions intensity for a reporting year for any local publicly owned utility (POU) that demonstrates it generated quantities of electricity in previous years in excess of its total retail sales and wholesale sales from specified sources that do not emit any GHGs.

The California Environmental Quality Act (CEQA) requires public agencies to identify and consider the potential environmental effects of actions that meet the definition of “project” under the statute, and, when feasible, to reduce any related significant adverse environmental impacts. Adoption of the proposed regulations involves discretionary decisions made by a public agency and has the potential to result in direct or indirect physical changes in the environment. Thus, it constitutes a project under CEQA. (See Pub. Resources Code § 21065.) Therefore, the CEC has prepared this initial study to assess the potential significant effects of the proposed regulations on the environment.

Based on the initial study, staff concludes that the regulations will not have a significant impact on the environment. Therefore, a negative declaration is the appropriate environmental document.

Description of Project

The project proposes statewide regulations to modify regulations governing the PSD program. The proposed regulations apply to retail suppliers³ who offer electricity portfolios to consumers in California. The proposed regulations implement AB 1110 by requiring retail suppliers to disclose the greenhouse gas (GHG) emissions intensity (the rate of emissions per unit of electricity) associated with each electricity portfolio beginning in 2020 for the 2019 reporting year. AB 1110 also requires the CEC to determine a format for disclosing unbundled RECs as a percentage of annual retail sales.

The proposed regulations relevant to this initial study are contained in:

Modification of Regulations Governing the Power Source Disclosure Program (Express Terms), California Code of Regulations, Title 20, Sections 1390 Through 1394, AB 1110 Rulemaking, Docket Number 2016-OIR-05. TN #229686. Available at <https://efiling.energy.ca.gov/GetDocument.aspx?tn=229686&DocumentContentId=61107>.

All the documents listed above are available on the Energy Commission’s website <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?doctetnumber=16-OIR-05> or by phone at (916) 654-5189 or by electronic mail from the Energy Commission’s Renewable Energy Office, by submitting a request to Jordan.Scavo@energy.ca.gov.

Location of Project

Statewide.

Finding

The attached initial study demonstrates, and the CEC finds, that the proposed modifications to the PSD program regulations will not have any significant adverse effect on the environment.

The implementation of AB 1110 modifies the reporting obligations by retail suppliers under the PSD program, including the addition of GHG emissions and unbundled RECs reporting requirements. The PSD program and the AB 1110 implementation do not directly require any changes to procurement of energy resources; the program

³ AB 1110 defines a retail supplier to include investor owned utilities, local publicly owned electric utilities, community choice aggregators, and electric service providers.

regulations require reporting of energy procurement details to the CEC and information about the makeup of electricity portfolios to their customers.

As outlined in the document titled *Appendix A: Economic Impact Assessment for Implementing Assembly Bill 1110 Power Source Disclosure Regulations*, the proposed regulations may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to AB 1110 will not result in the development or construction of new electricity generators or increased operations of existing electricity generators within the state. The proposed regulations will not result in the creation or elimination of any jobs within California. Additionally, the proposed regulations will not result in the creation of new businesses or the elimination of existing business. Finally, the proposed regulations will not expand any existing businesses doing business in California and there will be no direct benefits of power source reporting to the health and welfare of California residents, to worker safety, or to the state's environment.⁴

⁴ California Energy Commission. (May 15, 2019). *Appendix A: Economic Impact Assessment for Implementing Assembly Bill 1110 Power Source Disclosure Regulations*. Docket # 16-OIR-05. TN #229689. Retrieved from <https://efiling.energy.ca.gov/GetDocument.aspx?tn=229689&DocumentContentId=61108>.

Initial Study

The following is the CEC's analysis of the potential impacts of the project using the initial study environmental checklist.

Table 1. Lead and Responsible Agencies

Project Title	<i>Modification of Regulations Governing the Power Source Disclosure Program, Docket No. 16-OIR-05</i>
Lead Agency Name and Address	California Energy Commission, 1516 Ninth Street–MS 45, Sacramento, California, 95814
Contact Person and Phone Number	Jordan Scavo, Renewable Energy Office, Renewable Energy Division, Jordan.Scavo@energy.ca.gov (916) 654-5189
Project Description	The project consists of modifications to regulations governing the Power Source Disclosure program. Modifications to the program include the requirement that retail suppliers report and disclose the greenhouse gas emissions intensity of each electricity portfolio beginning in 2020 and unbundled RECs as a percentage of annual retail sales.
Responsible Agencies	None
Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement)	None
Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3?	No

Source: 2019 CEQA Handbook Appendix G and California Energy Commission

Environmental Factors Potentially Affected

The CEC concludes no environmental factors in Table 2 would be potentially affected by the project.

Evaluation of Environmental Impacts

Table 2 lists specific potential issues for each of the environmental factors assessed.

Table 2: Specific Potential Issues

Issues	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I. <u>AESTHETICS</u> . Except as provided in Public Resources Code Section 21099 would the project:				
a) Have a substantial adverse effect on a scenic vista?				X
b) Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				X
d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact to aesthetics and no impact on any of the specific concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>II. <u>AGRICULTURE AND FORESTRY RESOURCES.</u> In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:</p>				
<p>a) Convert Prime farmland, Unique farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?</p>				X
<p>b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?</p>				X
<p>c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?</p>				X
<p>d) Result in the loss of forest land or conversion of forest land to non-forest use?</p>				X
<p>e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?</p>				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact to agricultural and forestry resources and no impact on any of the specific concerns listed above.</p>				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<p>III. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:</p>				
a) Conflict with or obstruct implementation of the applicable air quality plan?				X
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard?				X
c) Expose sensitive receptors to substantial pollutant concentrations?				X
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse impact to the air quality concerns listed above.</p>				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				X
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on biological resources and no impact on the specific concerns listed above.</p>				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>V. CULTURAL RESOURCES.</u> Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to in Section 15064.5?				X
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?				X
c) Disturb any human remains, including those interred outside formal cemeteries?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on any cultural resources and no impact on any of the specific concerns listed above.				

Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>VI. Energy.</u> Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?				X
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact to energy and no impact on any of the specific concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
ii) Strong seismic ground shaking?				X
iii) Seismic-related ground failure, including liquefaction?				X
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?				X
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?				X
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?				X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact to geology and soils and no impact on the specific concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>VIII. GREENHOUSE GAS EMISSIONS.</u> Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				X
b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse greenhouse gas emissions and will not generate greenhouse gas emissions, either directly or indirectly.</p>				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>IX. HAZARDS AND HAZARDOUS MATERIALS.</u> Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?				X
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				X
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on hazards and hazardous material and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>X. HYDROLOGY AND WATER QUALITY.</u> Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?				X
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?				X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				X
(i) result in substantial erosion or siltation on- or off-site;				X
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;				X
(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or				X
(iv) impede or redirect flood flows?				X
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?				X
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse impact to hydrology and water quality and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XI. LAND USE AND PLANNING.</u> Would the project:				
a) Physically divide an established community?				X
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact to land use and planning and no impact on any of the specific concerns listed above.				
<u>XII. MINERAL RESOURCES.</u> Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse impact to mineral resources and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XIII. NOISE.</u> Would the project result in:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?				X
b) Generation of excessive groundborne vibration or groundborne noise levels?				X
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no noise impact and no impact on the specific concerns listed above.				
<u>XIV. POPULATION AND HOUSING.</u> Would the project:				
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on population and housing and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XV. PUBLIC SERVICES.</u>				
a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				X
Fire protection?				X
Police protection?				X
Schools?				X
Parks?				X
Other public facilities?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will not have no impact on public services or governmental facilities and no impact on any of the specific concerns listed above.				
<u>XVI. RECREATION.</u>				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on recreation and no impact on any of the specific concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XVII. TRANSPORTATION.</u> Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadways, bicycle and pedestrian facilities?				X
b) Would the project conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?				X
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d) Result in inadequate emergency access?				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on transportation and no impact on any of the specific concerns listed above.</p>				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XVIII. TRIBAL CULTURAL RESOURCES.</u>				
a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				X
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or				X
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on landscape, sacred places, or objects with cultural value to a California Native American tribe and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XIX. UTILITIES AND SERVICE SYSTEMS.</u> Would the project:				
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?				X
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?				X
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the providers' existing commitments?				X
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?				X
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse impact on utilities and service systems and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
<u>XX. WILDFIRE.</u> If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?				X
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?				X
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?				X
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X
COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no impact on wildfire and no impact on any of the concerns listed above.				

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<u>XXI. MANDATORY FINDINGS OF SIGNIFICANCE.</u>				
a) Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?				X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?				X
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?				X
<p>COMMENT: The project may result in procurement changes by California retail suppliers. However, the CEC expects any procurement changes to be limited to increased imports of hydroelectricity from the Pacific Northwest and reductions of in-state or imported electricity derived from natural gas or unspecified power. Consequently, any procurement changes in response to this project will not result in the development of new electricity generators or increased operations of existing electricity generators in the state. Therefore, the proposed regulations will have no adverse impact on any of the concerns listed in the above checklist. No potential exists for any adverse impacts on any animal or human populations, and none of the impacts are cumulatively considerable. The project's purpose is to modify existing regulations that require electric suppliers to comply with program rules and reporting requirements intended to provide consumers "accurate, reliable, and simple to understand information on the sources of energy that are used to provide electric services."</p>				

Source: 2019 CEQA Handbook Appendix G and California Energy Commission

References

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- California Energy Commission. (May 15, 2019). *Appendix A: Economic Impact Assessment for Implementing Assembly Bill 1110 Power Source Disclosure Regulations. Docket # 16-OIR-05. TN #229689*. Retrieved from <https://efiling.energy.ca.gov/GetDocument.aspx?tn=229689&DocumentContentId=61108>.

Acronyms and Glossary

<u>Term</u>	<u>Description</u>	<u>Definition</u>
CEQA	California Environmental Quality Act	A statute that requires state and local agencies to identify the significant environmental impacts of their actions and to avoid or mitigate those impacts, if feasible.
REC	Renewable Energy Credit	A certificate of proof associated with the generation of electricity from an eligible renewable energy resource, issued through the accounting system established by the CEC pursuant to Public Utilities Code section 399.25, that one unit of electricity was generated and delivered by an eligible renewable energy resource.
PRC	Public Resource Code	A legal code enacted by the California State Legislature

Proposed 15-day language appears as bold double underline (**example**) and proposed deletions appear as bold double strikeout (~~**example**~~), and all proposed 45-day language appears as underline (example) and proposed deletions appear as strikeout (~~example~~). Existing language appears as plain text.

15-Day Language

Modification of Regulations Governing the Power Source Disclosure Program

**California Code of Regulations
Title 20. Public Utilities and Energy
Division 2. State Energy Resources Conservation and Development Commission
Chapter 3. Data Collection
Article 5. ~~Electricity Generation~~ Power Source Disclosure**

(Sections 1390 through 1394)

November 2019

§ 1390. Scope.

The regulations in this Article implement the disclosure and reporting requirements established in Article 14 (commencing with section 398.1) of Chapter 2.3 of Part 1 of Division 1 of the Public Utilities Code. Note: Authority cited: Section 25213, Public Resources Code; and Sections 398.3-398.5, Public Utilities Code. Reference: Sections 25216, 25216.5, Public Resources Code; and Sections 398.1-398.5, Public Utilities Code.

§ 1391. Definitions.

“Asset-controlling supplier” means any entity that owns or operates interconnected electricity generating facilities or serves as an exclusive marketer for these facilities even though it does not own them, and is assigned a supplier-specific identification number and greenhouse gas (GHG) emissions factor by the California Air Resources Board (CARB) for the wholesale electricity procured from its system and imported into California.

(a) “Balancing authority” means the responsible entity ~~located within California~~ that integrates resource plans ahead of time, maintains load-interchange generation balance within a balancing authority area, and supports interconnection frequency in real time.

“Biogenic fuels” means biomass, biowaste, or biomethane from an eligible renewable generator.

“California balancing authority” is a balancing authority with control over a balancing authority area primarily located in California. A California balancing authority is responsible for the operation of the transmission grid within its metered boundaries, **which may extend beyond the geographical boundaries of the State of California** ~~which is not limited by the political boundaries of the State of California.~~

“Carbon dioxide equivalent” or “CO₂e” means the number of units of mass of CO₂ emissions with the same global warming potential as one unit of another GHG when calculated using the individual global warming potentials as specified in the “global warming potential” definition in title 17, California Code of Regulations, section 95102.

“Cogenerator” means a generating unit that produces electric energy and useful thermal energy for industrial, commercial, or heating and cooling purposes, through the sequential or simultaneous use of the original fuel energy and waste heat recovery.

“Custom electricity portfolio” means an electricity portfolio negotiated under private **agreement** ~~contract and designed~~ specifically for one ~~or more~~ non-residential ~~customers~~ **entity** that is not offered in the retail supplier's general marketing materials and that has a discrete combination of resource characteristics, including generator locations, fuel types, and emissions rates.

“Delivered electricity” means electricity from a facility or from specified system power of an asset-controlling supplier that has one of the following three characteristics:

- 1) has a first point of interconnection within the metered boundaries of a California balancing authority or a first point of interconnection with an electrical distribution system used to serve end users within the metered boundaries of a California balancing authority area;
- 2) is scheduled into a California balancing authority without substituting electricity from another source; or
- 3) is subject to an agreement between a California balancing authority and the balancing authority

in which an eligible renewable energy resource is located, executed before the product is generated, to dynamically transfer electricity from that eligible renewable energy resource into the California balancing authority area.

For purposes of this Article, behind-the-meter generation serving onsite load is not delivered electricity.

For the purposes of this Article, a retail supplier that serves retail customers in California and one or more other states may demonstrate delivery to the balancing authority in which the retail supplier is located for the purposes of satisfying the criteria of “delivered electricity.”

“E-tag” means an electronic record that contains the details of a transaction to transfer energy from a source point to a sink where the energy is scheduled for transmission across one or more balancing authority area boundaries. For purposes of this definition, “source point” refers to the generation source of the energy, and “sink” refers to the balancing authority in which the electric load is located.

“Electricity from Unspecified sources of power” or “unspecified power” means electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, including a tradable commodity system, that provides commercial verification that the electricity source claimed has been sold once and only once to a retail consumer.

(b) “Electric service product” “Electricity portfolio” ~~or “electricity offering” or “electric supply portfolio”~~ means the electrical energy produced by a generating facility the electricity products that a retail supplier ~~seller~~ offers to sell to consumers in California under terms and conditions specific to an offer or to a tariff. It does not include the provision of electric services on site, sold through an over-the-fence transaction, as defined in Section 218 of the Public Utilities Code, or sold or transferred to an affiliate, as defined in subdivision (a) of Section 372 of the Public Utilities Code. **For the purposes of this Article, electricity portfolio has the same meaning as “electricity offering” and “electric supply portfolio” as those terms are used in Public Utilities Code 398.4-398.5.** An electricity portfolio is distinguishable from other electricity portfolios offered by the same retail supplier if it satisfies any of the following criteria:

- (1) Is marketed by the retail supplier as a discrete portfolio;
- (2) Has been given a discrete title or name by the retail supplier;
- (3) Has been assigned a discrete fee or rate by the retail supplier;
- (4) Contains a different proportion of fuel types compared to other portfolios offered by the retail supplier; or
- (5) Is marketed or offered by a third party through the retail supplier’s marketing materials.

“Eligible firm-ed-and-shaped product” has the following meanings: 1) when applied to a local publicly owned electric utility, it has the same meaning as the term Portfolio Content Category 2 as defined in subdivision 3203(b); 2) when applied to an investor-owned utility, community choice aggregator, or an electric service provider, it has the same meaning as the term Portfolio Content Category 2 as defined on page 3 in the California Public Utilities Commission, Energy Division’s Portfolio Content Category Classification Review Process Handbook (October 2017), which is hereby incorporated by reference. For the purposes of this Article, the term shall apply to all products that meet the definitions specified above

except for the fact that they are the subject of ~~a contract~~ an agreement executed prior to June 1, 2010.

~~(c)~~ “Eligible renewable” means electrical generation from a facility that is certified pursuant to the Renewables Portfolio Standard Program (Article 16 (commencing with Section 399.11)) of the Public Utilities Code, ~~and uses one of the following fuel types:~~

~~(1) Biomass and biowaste.~~

-

~~(2) Geothermal.~~

-

~~(3) Eligible hydroelectric.~~

-

~~(4) Solar.~~

-

~~(5) Wind.~~

~~(d)~~ “Energy Commission” means the State Energy Resources Conservation and Development Commission.

“Energy Information Administration” or “EIA” means a statistical agency of the United States Department of Energy.

~~(e)~~ “Facility” means one or all generating units at an electric generating station.

~~(f)~~ “Fuel type attribute” means the fuel or technology type used to generate a quantity of kilowatt hours, specified using the categories identified in subsections ~~(d)(1) (2) and (b)(3)~~ of section 1393, ~~and subsection (b)(3)(C) of section 1392.~~

“Fuel mix” means the assortment of fuel types comprising an electricity portfolio, expressed as percentages.

~~(g)~~ “Generating facility output” means the electrical energy and/or fuel type attribute, denominated in kilowatt hours, that is produced by a specific generating facility.

~~(h)~~ “Generating unit” means a device that converts mechanical, chemical, electromagnetic, or thermal energy into electricity and that:

(1) has an electric output capable of being separately identified and metered;

(2) is ~~located within~~ connected to the Western Electricity Coordinating Council interconnected grid;
and

(3) is capable of producing electrical energy in excess of a generation station's internal power requirements.

(i) "Generator" means the initial seller of electrical energy produced by a generating unit.

"GHG emissions intensity of a generator" means the sum of all annual emissions of GHGs associated with a generation source divided by the net annual production of electricity from the generation source.

"GHG emissions intensity of an electricity portfolio" means the sum of all annual emissions of greenhouse gases associated with the generation sources comprising an electricity portfolio divided by the annual retail sales of that electricity portfolio.

~~(j) "Independent System Operator" or "ISO" means the entity that is subject to the requirements of Section 345 et seq. of the Public Utilities Code.~~

~~(k) "Large hydroelectric" means hydroelectric generation that is not eligible renewable. the power source created when water flows from a higher elevation to a lower elevation and that is converted to electrical energy in one or more generators at a single facility, the sum capacity of which exceeds 30 megawatts.~~

"Mandatory Reporting Regulation" or "MRR" means the ~~Regulation for the~~ Mandatory **Greenhouse Gas Emissions Reporting of Greenhouse Gas Emissions of the California Air Resources Board**, title 17, California Code of Regulations, section 95100, et seq.

~~(l) "Local publicly owned electric utility that does not utilize the Independent System Operator" means any of the following entities that owns generation facilities that are not individually metered by the ISO: (1) a municipality or municipal corporation operating as a public utility district furnishing electric services; (2) an irrigation district furnishing electric services; or (3) a joint powers authority that includes one or more of the entities identified in (1) or (2) and that owns generation or transmission facilities, or furnishes electric services over its own or its members' electric distribution system.~~

~~(m) "Net electricity generated" means electricity generated by any generating facility, less any generation used on-site, sold through an over-the-fence transaction, as defined in Section 218 of the Public Utilities Code, or sold or transferred to an affiliate as defined in subdivision (a) of Section 372 of the Public Utilities Code.~~

~~(n) "Out of State power" means power generated entirely outside the state which is sold for wholesale or retail purposes in California.~~

~~(o) "Pool" means an entity into which multiple generators deliver generating facility output and out of which multiple retail suppliers purchase generating facility output, such that buyer and seller may not have knowledge of each other's identities. The amount of electrical energy delivered into and purchased from the pool must be equal, and the amount of fuel type attribute delivered into the pool must be equal to or greater than the amount of fuel type attribute purchased from the pool.~~

~~(p)~~ “Product-specific written promotional materials that are distributed to consumers” means any paper, electronic, or other media that contain words pertaining to a specific electricity portfolio electric service product being advertised or offered and that are distributed to consumers or made available over the Internet. It does not include advertisements and notices in general circulation media.

“Renewable energy credit,” or “REC”, means a certificate of proof associated with the generation of electricity from an eligible renewable energy resource, issued through the accounting system established by the Energy Commission pursuant to Public Utilities Code section 399.25, that one unit of electricity was generated and delivered by an eligible renewable energy resource.

~~(q)~~ “Report electronically” means to provide files in either a database or spreadsheet format that can be read by the most recent version of either Microsoft™ Excel or Microsoft™ Access, or through data entry systems developed by the Energy Commission to support reporting under this Article.

“Retail Sales” means sales of electricity by a retail supplier to end-use customers over the course of a calendar year, measured in thousands of kilowatt hours. Retail sales do not include self-consumption by a retail supplier or electricity produced for onsite consumption that was not sold to a customer by the retail supplier.

~~(r)~~ “Retail supplier” ~~or “retail provider”~~ means an entity that offers an electricity portfolio electric service product for sale to retail consumers in California, and includes investor owned utilities, local publicly owned electric utilities, community choice aggregators, and electric service providers.

~~(s)~~ “Scheduling Coordinator” means any entity certified by the Independent System Operator for the purposes of undertaking the functions specified in Section 4.5.1 of the Independent System Operator Tariff. (Fifth Replacement FERC Electric Tariff, December 1, 2014)

~~(t)~~ “Specified Specific purchase” means a transaction in which electricity generating facility output 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 generating facility output claimed has been sold once and only once to retail consumers. Retail suppliers may rely on annual data to meet this requirement, rather than hour-by-hour matching of loads and resources. Specified Specific purchases include electrical transactions from facilities owned or controlled by the retail supplier. For facilities not owned by the retail supplier, specified Specific purchases shall be documented through purchase agreements executed prior to generation of the procured purchased electricity.

“Specified system power of an asset-controlling supplier” means electricity derived from a specific set of generators owned, operated, or exclusively marketed by an asset-controlling supplier. Purchases of specified system power of an asset-controlling supplier are considered specified purchases if the transactions are documented through a contract an agreement executed prior to generation of the associated electricity and the delivery of the electricity is documented by e-tags.

~~(u)~~ “System Operator” has the same definition as balancing authority and includes the Independent System Operator as defined in subsection (j) of this section, and each local publicly owned electric utility that does not utilize the Independent System Operator, as defined in subsection (l) of this section.

(v) “Total California system electricity” means the sum of all in-state generation and net electricity imports by fuel type.

“Unbundled REC” means a REC from an eligible renewable energy resource that is not procured as part of the same ~~contract agreement~~ or ownership ~~agreement arrangement~~ with the underlying energy from that eligible renewable energy resource; this includes a REC that was originally procured as a bundled product but was subsequently resold separately from the underlying energy.

~~(w) “Unspecified sources of power” means electricity that is not traceable to specific generation sources by any auditable contract trail or equivalent, including a tradable commodity system, that provides commercial verification that the electricity source claimed has been sold once and only once.~~

“Western Electricity Coordinating Council” or “WECC” means the electricity coordinating council as defined in Public Utilities Code section 399.12 (k). ~~WECC is one of several regional electric reliability councils with delegated authority under the North American Electric Reliability Corporation and the regional entity responsible for coordinating and promoting bulk electric system reliability in the Western Interconnection serving all or part of the 14 western states and portions of Mexico (in northern Baja California) and Canada (in British Columbia and Alberta).~~

Note: Authority cited: Section 25213, Public Resources Code; and Sections 398.3-398.5, Public Utilities Code. Reference: Sections 25216 and 25216.5, Public Resources Code; and Sections 398.1-398.5, Public Utilities Code.

§ 1392. Generation Disclosure.

(a) Method and Timing of Submissions

(1) All submissions to the balancing authority required by subdivision (a)(2) of this section must be provided to the balancing authority by the generator, either directly or through a Scheduling Coordinator.

(2) Each generator that provides meter data to a balancing authority, either directly or through a Scheduling Coordinator, shall report the information specified in subsection (b) of this section to the balancing authority within forty-five days of the end of each calendar quarter beginning with the quarter ending December 31, 1998.

(b) Content and Format of Submissions to the Balancing Authority

(1) General Information:

(A) Name and telephone number of person to contact about the submission;

(B) Generator name, address, and an identification number provided by the balancing authority, or in the event that the balancing authority does not provide an identification number to the generator, by the Energy Commission;

(C) For each generating facility that generates electrical energy consumed in California, the generating facility name, location, either by street address or by longitude and latitude, and an identification number provided by the U.S. Energy Information Agency, or, in the event that the U.S. Energy Information Agency does not provide an identification number to the generating facility, by the Energy Commission.

(2) Generation Information: Generators shall report electronically the electricity generated in kilowatt hours by hour by each generating facility, in each month of the preceding quarter.

(3) Fuel Information:

(A) For generating facilities using only one type of fuel, generators shall report electronically the type of fuel consumed in the preceding quarter.

(B) For generating facilities using more than one fuel type, generators shall report electronically the fuel consumed in each month of the preceding quarter as a percentage of the total fuel used for electricity generation.

(C) Fuel shall be reported in the following categories:

1. Eligible renewable, which shall be reported in the following subcategories:

a. Biomass and biowaste

b. Geothermal

c. Eligible hydroelectric

d. Solar

e. Wind

f. Other

2. Coal

3. Natural gas

4. Large hydroelectric

5. Nuclear

6. Other

(c) Balancing Authority Responsibilities

(1) Subject to the limitations described in subsection (c)(2) of this section, all data provided to the balancing authority pursuant to subdivision (b) of this section will be reported electronically to the Energy Commission either by providing a computer disk containing the information, or by providing electronic access to the information. This access shall be provided to the Energy Commission within 60 days of the end of each calendar quarter.

(2) Limitations on Energy Commission Access:

(A) The balancing authority is not required to provide the Energy Commission with any information submitted under subdivision (b)(3) of this section that specifies the amount of fuel consumed at a generating facility.

(B) The balancing authority is not required to provide the Energy Commission with any information submitted under subdivision (b)(3) of this section for out-of-state power.

(d) The following requirements apply to generation and fuel information that is reported for any generation that is sold in an electric service product for which a claim of specific purchases is made.

(1) The generation and fuel information must be reported from individually metered generating

facilities.

(2) If generation or fuel information for electrical energy that is sold in an electric service product for which a claim of specific purchases is made is not reported pursuant to subdivision (a) of this section, the generator shall report electronically the information specified in subdivision (d)(2)(A)-(C) of this section to the Energy Commission by March 1 of each year beginning in 1999 for each generating facility that generated such electrical energy in California. If the information is provided to the Energy Commission in another filing, the generator may submit a statement identifying the filing and section of the filing in which the information is contained in lieu of a separate filing pursuant to this subdivision.

(A) General Information:

1. Name and telephone number of person to contact about the submission;
2. Generator name, address, and an identification number provided by the balancing authority, or in the event that the balancing authority does not provide an identification number to the generator, by the Energy Commission;
3. For each generating facility, the generating facility name, location, either by street address or by longitude and latitude, and an identification number provided by the U.S. Energy Information Agency, or, in the event that the U.S. Energy Information Agency does not provide an identification number to the generating facility, by the Energy Commission.

(B) Net electricity generated by the generating facility in kilowatt hours in the previous calendar year; and

(C) Type of fuel consumed by the generating facility as a percentage of electricity generation in the previous calendar year, using the categories specified in subdivision (b)(3)(C) of this section.

(3) When a retail supplier's claim of specific purchases mandates that a generator comply with the reporting requirements of subdivision (d)(2) of this section, the retail supplier shall inform the generator that he or she must comply with these reporting requirements.

Note: Authority cited: Section 25213, Public Resources Code; and Sections 398.3 and 398.5, Public Utilities Code. Reference: Sections 25216 and 25216.5, Public Resources Code; and Sections 398.3 and 398.5, Public Utilities Code.

§ 1393. Accounting Methodology

(a) Requirements Applicable to Fuel Mix and GHG Emissions Accounting

(1) Unbundled RECs, including those from a non-eligible renewable energy resource, shall not be used to calculate or adjust the fuel mix or GHG emissions intensity of an electricity portfolio.

(2) A retail supplier's purchases of the specified system power from an asset-controlling supplier shall use the GHG emissions intensity assigned to the asset-controlling supplier by the ~~California Air Resources Board~~ CARB for the corresponding data year used for data reporting to CARB pursuant to subdivision 95111 (b)(3) of the ~~MRR Mandatory Reporting Regulation~~. A retail supplier's purchases of the specified system power of an asset-controlling supplier shall be categorized according to the fuel mix of the asset-controlling supplier pursuant to subdivision 1394 (c).

(3) Net purchases of each specified gross purchase shall be calculated by deducting any specified wholesale sales from each specified gross purchase, as expressed in Equation 1:

$$\textit{Equation 1: } NP_i = GP_i - WS_i$$

NP_i = Net purchase i, measured in MWh

GP_i = Gross purchase i, measured in MWh

WS_i = Wholesales sales of gross purchase i, measured in MWh

(4) Net electricity from unspecified sources of power, including electricity purchased through the Electricity Imbalance Market, shall be calculated as the difference between the retail sales associated with an electricity portfolio in the prior year and the total procurement of specified net purchases associated with an electricity portfolio in the prior year, as expressed in Equation 2. If total procurement of specified net purchases exceeds the retail sales of an electricity portfolio, the net unspecified power attributable to the electricity portfolio shall be zero.

$$\textit{Equation 2: } U = RS - TNP$$

U = Net unspecified power attributable to the electricity portfolio, expressed in MWh

RS = Retail sales attributable to the electricity portfolio, expressed in MWh

TNP = Total specified net purchases attributable to the electricity portfolio, expressed in MWh

(5) For resources that investor-owned utilities have been directed to procure pursuant to Public Utilities Code section 365.1(c)(2)(A), the investor-owned utility shall report the portion of procurement attributable to the investor-owned utility as determined by the California Public Utilities Commission pursuant to Public Utilities Code section 365.1(c)(2)(B).

(6) If the total procurement of specified net purchases of an electricity portfolio exceeds retail sales, each net purchase of electricity from a generator using natural gas shall be proportionally reduced so that the sum of all adjusted net purchases equals the retail sales of an electricity portfolio, as expressed in Equation 3. If an electricity portfolio has insufficient natural gas electricity sources to

adjust to reconcile the excess specified net procurements with retail sales, each purchase from coal and other fossil fuel electricity sources shall ~~also then~~ be proportionally reduced in accordance with Equation 3. If an electricity portfolio has insufficient natural gas or coal and other fossil fuel electricity sources to adjust to reconcile the excess specified net procurements with retail sales, ~~all other specified purchases~~ ~~each purchase from large hydro and nuclear~~ shall ~~also then~~ be proportionally reduced in accordance with Equation 3.

$$\text{Equation 3: } ANP_i = NP_i - (NP - RS) \times \left(\frac{NP_i}{NP_{NR}} \right)$$

ANP_i = Adjusted net purchase i, measured in MWh

NP_i = Net purchase i, measured in MWh

NP = Sum of all net purchases, measured in MWh

RS = Total retail sales of an electricity portfolio, measured in MWh

NP_{NR} = Any net purchase of a fuel type that is not an eligible renewable, large hydro, or nuclear resource, measured in MWh

(7) Procurements from nuclear or large hydroelectric generating units cannot be classified as specified purchases if the associated environmental attributes have been claimed by, or traded to, a separate party.

(b) Requirements Applicable to Fuel Mix Accounting

(1) To claim the fuel type of an eligible renewable, a retail supplier shall procure specified purchases of electricity and the associated RECs from an eligible renewable generator, including through eligible firm-and-shaped ~~agreements products~~. **If claimed as a specified purchase on the power content label, the associated RECs shall not be sold.** Electricity purchases from an eligible renewable generator without the associated RECs shall be classified as unspecified power.

(2) The fuel mix shall be calculated by aggregating adjusted net purchases of each fuel type pursuant to the reconciliation adjustment in Equation 4, and expressed as percentages of the retail sales of the electricity portfolio as follows:

$$\text{Equation 4: } FM_j = \left(\frac{\sum ANP_j}{RS} \right) \times 100\%$$

FM = Percentage of fuel mix corresponding to fuel type j

ANP = Adjusted net purchase of fuel type j, calculated pursuant to subdivision ~~1393(a)(6)~~ ~~1393(a)(7)~~, measured in MWh

RS = Total retail sales of an electricity portfolio, measured in MWh

(3) The fuel mix shall be composed of the following fuel types:

(A) Coal

(B) Natural gas

(C) Nuclear

(D) Large hydroelectric

(E) Eligible renewable

(1) Biomass and biowaste

(2) Geothermal

(3) Eligible hydroelectric

(4) Solar

(5) Wind

(6) Other

(F) Unspecified power

(G) Other

(c) Requirements Applicable to GHG Emissions Accounting

(1) GHG emissions of specified purchases, including eligible firm-and-shaped products, shall be calculated based on the delivered electricity.

(A) In order for specified electricity to be assigned the GHG emissions intensity of the associated generator, a retail supplier 1) must have executed a purchase agreement **or ownership arrangement** prior to generation of the **purchased procured** electricity and, 2) have e-tags for all delivered electricity that is imported ~~to a California balancing authority~~. If the specified electricity does not meet both 1) and 2), it will be assigned the GHG intensity of unspecified power.

(B) In order to be assigned the GHG emissions intensity of an eligible renewable generator, the delivered electricity from the renewable generator must be procured with the associated RECs. **If claimed as a specified purchase on the power content label, the associated RECs shall not be sold.** Electricity purchases from an eligible renewable generator without the associated RECs shall be classified as unspecified power.

(2) GHG emissions intensities of generators

(A) The Energy Commission shall annually assign a GHG emissions intensity to each generator that delivers electricity to a California balancing authority, and provide the most recent GHG emissions intensities of generators for retail suppliers to use in annual reporting to the Energy Commission pursuant to section 1394.

(B) For all generators with reported or assigned emissions under MRR, the Energy Commission shall calculate GHG emissions intensities as follows:

$$\text{Equation 5: } EF = \frac{E}{G}$$

Where:

EF = Generator's emissions intensity for the previous calendar year, measured in metric tons CO₂e/MWh

E = Sum of generator's most recent annual GHG emissions as reported under MRR and expressed in metric tons of CO₂e

G = Generator's net electricity production as reported to MRR, measured in MWh. If net electricity production data is not available under MRR, net electricity production data submitted under Form EIA-923 Power Plant Operations Report (OMB No. 1905-0129) will be used; specifically, Page 1 Generation and Fuel Data, Year to Date Net Generation

(C) For any generators without reported or assigned emissions under MRR, the Energy Commission shall calculate the sum of GHG emissions associated with the generator using heat of combustion data and default emission factors by fuel type pursuant to title 17, California Code of Regulations, subdivision 95111 (b)(2)(C) of the MRR.

A generator's GHG emissions shall be calculated as follows:

$$\text{Equation 6: } E = ST \times HC$$

Where:

E = Sum of generator's CO₂, N₂O, and CH₄ emissions for the previous calendar year

ST = Stationary fuel combustion emissions intensity of CO₂, N₂O, and CH₄, expressed in metric tons per MMBtu

HC = Heat content of fuel combusted for electricity production of a generator for the previous calendar year, expressed in MMBtu

A generator's GHG emissions intensity shall then be calculated by converting emissions to CO₂e and applying the method described in Equation 5.

(D) For any generators that cannot be assigned a GHG emissions intensity using the methods described in subdivisions 1393(c)(2)(B) or (C), including new generators and generators located outside the U.S., the Energy Commission shall assign an emissions intensity based on the average GHG emissions intensity of generators using the corresponding fuel type reported under this program.

(E) The Energy Commission shall determine the portion of GHG emissions of a cogenerating unit attributable to electricity production in the previous calendar year as follows:

$$\text{Equation 7: } E_e = E_t \times \frac{F_e}{F_t}$$

Where:

E_e = GHG emissions attributable to electricity production

E_t = Total GHG emissions attributable to a generator in the previous calendar year

F_e = Fuel consumed by a generator for electricity production in the previous calendar year, based on data submitted under Form EIA-923 Power Plant Operations Report (OMB No. 1905-0129); specifically, Page 1 Generation and Fuel Data, Electric Fuel Consumption MMBtu.)

F_t = Total fuel consumed by a generator in the previous calendar year, based on data submitted under Form EIA-923 Power Plant Operations Report (OMB No. 1905-0129); specifically, Page 1 Generation and Fuel Data, Total Fuel Consumption MMBtu

A cogenerating unit's GHG emissions intensity shall then be calculated by applying Equation 5.

(F) For generators with discrete generating units that are owned by or contracted to separate retail suppliers, the Energy Commission shall use Equation 5 to calculate GHG emissions intensities for each generating unit.

(G) The Energy Commission shall not attribute carbon dioxide emissions associated with electricity production from biogenic fuels to retail suppliers for GHG emissions intensity calculations.

(3) The GHG emissions intensity of unspecified power shall be assigned the default emissions factor as specified under subdivision 95111(b)(1) of the MRR.

(4) The GHG emissions intensity of an electricity portfolio shall be calculated by dividing the sum of all GHG emissions from specified adjusted net purchases and from unspecified power for the previous calendar year by the retail sales of that electricity portfolio during that same calendar year. GHG emissions intensity of an electricity portfolio shall be calculated as follows:

(A) Sum all GHG emissions attributable to the electricity portfolio by multiplying the adjusted net purchase of each specified purchase or purchase of unspecified power in the electricity portfolio by the corresponding emissions factor, then summing the products as follows:

$$\text{Equation 8: } E = \sum (AN_i \times EF_i)$$

Where:

E = Sum of all GHG emissions attributable to the electricity portfolio

AN_i = Adjusted net purchase from generator i or unspecified power pursuant to subdivision 1393(a)(6) ~~1393(a)(7)~~.

EF_i = Emissions factor of generator i

(B) Divide the sum of all GHG emissions attributable to the electricity portfolio by the retail sales of the electricity portfolio as follows:

$$\text{Equation 9: } EI = \frac{E}{RS}$$

Where:

EI = GHG emissions intensity of electricity portfolio for the reporting period

E = Sum of GHG emissions attributable to electricity portfolio

RS = Retail sales of electricity portfolio

(d) GHG emissions exclusions

(1) Retail suppliers with specified purchases of eligible firm-and-shaped products under a purchase agreement or ownership ~~agreement agreement~~, executed prior to January 1, 2019, shall report GHG emissions associated with the delivered electricity and shall identify these emissions as excluded from the calculation of emissions intensity of the electricity portfolio.

(A) Each retail supplier shall ~~ensure provide to~~ the Energy Commission ~~has been provided~~ a purchase ~~agreement contract~~ or ownership ~~agreement arrangement documentation~~ substantiating that any eligible firm-and-shaped product for which it is claiming an exclusion was executed prior to January 1, 2019.

(B) Retail suppliers with specified purchases of eligible firm-and-shaped products under a purchase agreement or ownership ~~agreement agreement~~ that has been amended or extended, **as specified below**, on or after January 1, 2019, shall report GHG emissions according

to the source of the delivered electricity for inclusion in the GHG emissions intensity calculation of the electricity portfolio pursuant to subdivision (c)(1):

1. to increase the specified quantity of annual procurement;

2. to increase the length of the agreement, including through automatic renewal or an extension as contemplated in the original agreement ; or

3. to substitute a different eligible renewable resource.

(2) The Energy Commission shall adjust GHG emissions of a local publicly owned electric utility if the utility demonstrates that it generated quantities of electricity on or after January 1, 2017, in excess of its retail sales and wholesale sales of specified sources in a prior year from specified sources that do not emit any GHGs.

(A) When a local publicly owned electric utility reports excess zero-GHG generation in an annual report filed pursuant to subdivision 1394(a), the Energy Commission shall assign each megawatt hour of excess zero-GHG generation **a negative credit equal to** the default emissions factor for unspecified electricity as specified under the ~~MRR Mandatory Reporting Regulations~~, title 17, California Code of Regulations, subdivision 95111(b)(1). When the local publicly owned electric utility wishes to use this excess zero-GHG generation to adjust emissions in a subsequent reporting year, it shall make that election in its annual report and the Energy Commission shall confirm that there is sufficient excess zero-GHG generation for the requested adjustment and that it was generated within twenty years of its elected use. If there is insufficient excess zero-GHG generation, or it was generated more than twenty years prior, the Energy Commission shall inform the local publicly owned electric utility and the utility shall submit a corrected annual report.

(B) The Energy Commission shall adjust the GHG emissions of a local publicly owned electric utility only once for each megawatt hour of excess generation of zero-GHG electricity.

(C) The local publicly owned electric utility shall submit ~~contracts agreements~~ to the Energy Commission substantiating that the relevant generation was generated in excess of its retail and wholesale sales of specified power with each annual report that identifies excess zero-GHG generation.

Note: Authority cited: Section 25213, Public Resources Code; and Sections 398.1 and 398.4, Public Utilities Code. Reference: Sections 25216 and 25216.5, Public Resources Code; and Section 398.4, Public Utilities Code.

§ 1394. Annual Submission to the Energy Commission.

~~(a) Retail Supplier Report.~~

~~(a)(1)~~ On or before June 1 of each year, each retail supplier shall ~~submit~~ provide a separate annual report filing to the Energy Commission containing, ~~providing~~ the information identified in subdivisions ~~(b)(a)(2)(A)-(D)~~ below for each electricity portfolio electric service product offered the previous calendar year, in accordance with the methodology described in section 1393. ~~(A)~~ Retail suppliers must submit ~~provide~~ this information on the Annual Report forms provided by the Energy Commission.

~~(1)(B)~~ The retail supplier must provide one paper copy, with an original signature, or an electronic copy of the original document containing the original signature. The retail supplier shall submit an electronic copy of each annual report in conformance with section 1208.1. Paper copies with original signatures shall be retained by the retail supplier and furnished to the Energy Commission upon request.

~~(2)(C)~~ The report must include an attestation, signed by an authorized agent of the retail supplier under penalty of perjury, that the electricity generating facility output claimed by the retail supplier as a specified specific purchase during the previous calendar year was sold once and only once to retail customers of that retail supplier, and that the information provided in the report is true and correct.

(b) Annual Report. Retail suppliers shall provide the following information for each specified purchase of electricity procured in the previous year and for electricity from unspecified sources from the previous year on the forms provided by the Energy Commission: **Retail suppliers shall submit GHG data pursuant to subdivisions 1394(b)(1)(D)-(E) and 1394(b)(3)(D) for generation and procurement that occurs on or after January 1, 2020.**

(1) General.

~~(A)(D)~~ All fuel Fuel type attribute information shall be provided using the fuel type categories identified in subdivisions section 1393(b)(2)-(d)(1) and (2) of section 1393. For purchases of specified system power of an asset-controlling supplier, retail suppliers may use the ACS Purchase Calculator provided by the Energy Commission to determine the appropriate fuel types and quantities.

(B) Electricity purchases and sales information, denominated in thousands of kilowatt hours:

1. Gross kilowatt hours purchased.

2. Kilowatt hours resold at wholesale.

3. Net kilowatt hours of purchased electricity, determined by subtracting resold electricity

from gross kilowatt hours of purchased electricity.

4. Adjusted net kilowatt hours of purchased electricity, calculated pursuant to section 1393(a)(6) ~~1393(a)(7)~~.

5. Quantity of unspecified power attributed to the electricity portfolio pursuant to section 1393(a)(4).

(C) Identifying information:

1. Generator name, generator location (state or province), and generator identification numbers under the Renewables Portfolio Standard (RPS) and the Western Renewable Energy Generation Information System (WREGIS), if applicable.

2. EIA number:

A. The Energy Commission shall assign identification numbers to use in place of an EIA number for generators without an EIA number, for unspecified power, and for purchases of the specified system power of an asset-controlling supplier pursuant to subdivision (c).

B. For specified purchases of eligible firmed-and-shaped products, the retail supplier shall **also** provide the EIA identification number of the generator that provided delivered electricity as specified under the firming-and-shaping agreement. If the source of the delivered electricity is unspecified power, the retail supplier shall use the identification number for unspecified power provided by the Energy Commission.

(D) GHG emissions intensity associated with each purchase of electricity as provided by the Energy Commission pursuant to section 1393(c)(2).

(E) Total GHG emissions associated with each purchase of electricity, calculated in accordance with section 1393(c), and expressed in metric tons of CO₂e.

(F) Annual surplus generation from a pumped storage facility, meaning the facility produced more electricity than it consumed for storage pumping and other on-site load during the previous year, shall be reported as specified purchases of large hydroelectricity. Annual losses incurred by pumped storage facilities, meaning the facility consumed more electricity through on-site load than it generated, shall not be reported.

(2) Unbundled RECs.

(A) Quantity of unbundled RECs associated with the electricity portfolio retired during the previous calendar year, denominated in thousands of kilowatt hours.

(B) Generator name, location, fuel type, vintage year, and WREGIS and RPS identification numbers for each source of retired unbundled RECs.

(C) Upon request by the Energy Commission, the retail supplier shall authorize WREGIS to confirm unbundled REC retirements associated with each electricity portfolio.

(3) Aggregated Data.

(A) Total adjusted net purchase for each fuel type, aggregated from information reported pursuant to section 1394(b)(1)(B). ~~on Schedule 1.~~

(B) Total retail sales of the electricity portfolio. The retail supplier shall also describe the retail suppliers' other electricity end-uses in megawatt hours, such as transmission and distribution losses.

(C) Percentage of retail sales for each fuel type, rounded to the nearest tenth of a percent.

(D) The GHG emissions intensity of the electricity portfolio pursuant to the calculation method specified in subdivision 1393(c)(4).

(E) Total retired unbundled RECs, expressed as a percentage of retail sales.

(c) Asset-Controlling Suppliers. An asset-controlling supplier may have its wholesale sales of system power classified as specified system power of an asset-controlling supplier if it complies with the following reporting requirements by February 1 each year:

(1) Reports to the ~~California Air Resources Board CARB~~ under the MRR pursuant to title 17, California Code of Regulations, subdivision 95111 (f) and has an emission factor posted for use on the ~~California Air Resources Board CARB~~ website;

(2) Reports to the Energy Commission the fuel mix of its specified system mix using the fuel types designated under section 1393 and corresponding to the asset-controlling supplier's reporting pursuant to subdivision 1394(c)(1); and

(3) Provides to the Energy Commission an attestation by an authorized officer of the asset-controlling supplier affirming that the fuel mix in its report to the Energy Commission is consistent with the report submitted pursuant to subdivision 1394(c)(1).

~~(E) Retail suppliers may provide the information specified in subdivisions (a)(2)(A) (D) of this section by providing a reference to the date and title of a filing made to the Energy Commission containing the information specified in that subsection.~~

~~(2) Informational Requirements.~~

~~(A) Purchases~~

~~1. For each source of generating facility output from which a specific purchase was made, the retail supplier must include the following information: facility name or pool name, fuel type, state or province the facility is located in, facility or pool number provided by the U.S. Energy Information Agency (EIA), WREGIS, or the Federal Energy Regulatory Commission (FERC), gross kilowatt hours purchased, kilowatt hours resold or consumed on site, and the resultant calculation of net specific purchases. This information shall be provided on the current version of Schedule 1 prepared by the Energy Commission.~~

~~2. All specific purchases and unspecified sources of power shall be reported on Schedule 1 as individual line items of gross kilowatt hours of purchased electricity and net kilowatt hours of purchased electricity, which shall be calculated by subtracting resold and consumed electricity. All reported purchases shall be denominated in thousands of kilowatt hours.~~

~~3. Retail suppliers who make specific purchases obtained from a pool must reference a filing made no later than June 1 of the current calendar year to the Energy Commission by the pool that includes the following information:~~

~~a. For each generator that provided generating facility output into the pool, the facility name, fuel type, state or province the facility is located in, facility number provided by EIA, WREGIS, or FERC, and total number of kilowatt hours provided into the pool. This information shall be provided on the current version of Schedule 3 prepared by the Energy Commission.~~

~~b. For each purchase of generating facility output from the pool, the amount of kilowatt hours purchased by each purchaser by fuel type. This information shall be provided on the current version of Schedule 4 prepared by the Energy Commission.~~

~~(B) Retail Sales: The retail supplier filing shall include each electric service product name, the kilowatt hours, in thousands, sold for each product from specific purchases by fuel type and unspecified sources of power, and total retail sales. This information shall be provided on the current version of Schedules 1 and 2 prepared by the Energy Commission.~~

~~(C) Comparison of Total Purchases and Sales: The retail supplier filing shall include total net specific purchases by resource type and total net purchases of unspecified sources of power, consistent with subdivision (a)(2)(A) above, minus total retail sales for all products, consistent with subdivision (a)(2)(B) above. This information shall be provided on the current version of Schedule 2 prepared by the Energy Commission.~~

~~(D) Power Content Label: The retail supplier shall provide to the Energy Commission a copy of each marketing and annual disclosure provided to customers pursuant to subdivisions 1393 (c)(1) and (2).~~

§ ~~1394.11393~~. Retail Disclosure to Consumers.

~~(a) For purposes of this section, the following definitions apply:~~

~~(1) "Annual disclosure" means the annual disclosure required under Public Utilities Code section 398.4(c).~~

~~(2) "Marketing disclosure" means the disclosure required under Public Utilities Code section 398.4(b).~~

~~(3) "Power content label" means the information disclosed to consumers pursuant to the format requirements of this section.~~

~~(4) "Eligible renewable" means eligible renewable as defined in section 1391 of this article.~~

~~(a)~~ Pursuant to Section 398.4 of the Public Utilities Code, each retail supplier shall ~~disclose~~ provide to consumers a power content label that discloses the fuel mix and GHG emissions intensity ~~the fuel mix~~ of each electricity portfolio electric service product that was sold during the previous calendar year, and separately discloses the fuel mix and GHG emissions intensity of total California system electricity, using the schedule and format specified in this section. **Retail suppliers shall disclose GHG emissions intensity data on power content labels for generation and procurement that occurs on or after January 1, 2020.**

(1) Information disclosed on each power content label shall be consistent with the information reported to the Energy Commission on the annual report for each electricity portfolio.

(2) Any marketing or retail product claim by a retail supplier related to the GHG emissions intensity of an electricity portfolio shall be consistent with the GHG emissions intensity disclosed on the relevant power content label.

(3) The Energy Commission shall provide fuel mix and GHG emissions intensity of California's total ~~system~~ statewide retail electricity sales for inclusion on the power content label.

~~(b)~~ ~~(c)~~ Each retail supplier shall disclose the information required in this section to consumers according to the following schedule:

~~(1) Marketing disclosures~~ The power content label shall be provided in all product-specific written promotional materials that are distributed to consumers **by either printed or electronic means, including the retail supplier's Internet Web site, if one exists, except that advertisements and notices in general circulation media shall not be subject to this requirement or made available on the retail supplier's webpages.** as defined in subsection (p) of section 1391 of these regulations.

~~(2) Annual disclosures~~ The power content label shall be provided by United States mail to customers

~~of the~~ served by each electricity portfolio electric service product and to the Energy Commission on or before the end of the first complete billing cycle for the third quarter of the year August 30, ~~the end of the first complete billing cycle for the third quarter of the year~~. Retail suppliers may provide annual disclosures to customers via electronic mail, provided that the customer has consented to receiving electronic mail notice in lieu of service by United States mail. Annual disclosures shall also be displayed on the website of the retail supplier, if it maintain one for purposes of communicating information about electric service, in an easily marked and identifiable location.

~~(c) (d)~~ Each retail supplier shall disclose the following information for every non-custom electricity portfolio it offers, except for custom electricity portfolios, on a single power content label in all power content labels about the fuel mix of the electric service product and of total California system electricity:

(1) Fuel mix information of each electricity portfolio and of California total system statewide retail electricity sales shall be provided using the following fuel type categories and in the following order, rounded to the nearest tenth of a percent:

A. Eligible renewable

B. Coal

C. Large hydroelectric. ~~For the purposes of this section, a pumped storage hydroelectric facility that consumes more electricity than it generates in a reporting year shall specify zero kilowatt hours of net electricity purchased.~~

D. Natural gas

E. Nuclear

F. Other

G. Unspecified sources of power

(2) The retail supplier shall include the following subcategories within the eligible renewable category:

A. Biomass and biowaste

B. Geothermal

C. Eligible hydroelectric

D. Solar

E. Wind

F. Other, if applicable

(3) GHG emissions intensity of each electricity portfolio and of California total ~~system statewide retail~~ electricity ~~sales~~ in accordance with the calculation method specified in subdivision 1393(c), expressed in pounds of CO₂e per megawatt hour. This information shall also be displayed graphically in a bar chart.

(4) The retail supplier's company name, phone number, and website address, and the name, phone number, and website address of the Energy Commission.

(5) Quantity of unbundled RECs retired in association with each electricity portfolio, expressed as a percentage of retail sales.

~~(3) The calculations identified in this section shall be based on net purchases of all specific purchases and unspecified sources of power acquired during the previous calendar year. Calculations shall be made using the information reported to the Energy Commission in the retail supplier's annual report as outlined in Section 1394 (a)(2)(A)(2).~~

(d) ~~(4) The fuel mix and GHG emissions intensity disclosed by retail suppliers that offer an electricity portfolio electric service product to retail consumers in California and one or more other states shall reflect the entire proportional share of the portfolio of resources attributed to its California retail sales and total retail sales of that electricity portfolio~~ product.

~~(e) Each retail supplier shall provide disclosures for each electric service product offered using a power content label. The power content label shall use the following format:~~

(e) Custom electricity portfolios negotiated under private ~~agreement contract~~ shall not be included in the power content labels provided to the retail supplier's general customers. Instead, such electricity portfolios shall be disclosed to the subscribed customers on a separate power content label via physical or electronic mail consistent with the provisions of subdivision 1394.1(b)(2). Custom electricity portfolios shall not be subject to the promotional materials disclosure requirement of subdivision 1394.1(b)(1) or the website disclosure requirement of subdivision 1394.1(b)(2).

(f) If individual customers are served by a mixture of electricity portfolios, the power content label shall include a footnote on the power content label stating that some customers of the retail supplier may be served by more than one electricity portfolio.

(g) Pursuant to these regulations, new community choice aggregators shall report the GHG emissions intensity of their electricity portfolios beginning with the first annual report containing data from the first full calendar year of operation following the first 24 months of serving their first retail customer.

~~(h)(1)~~ All information contained in the power content label shall appear in one place without other intervening material.

~~(2) Location of the power content label.~~

(1)(A) If the retail supplier offers promotional materials that consist of more than one page, the power content label or a note telling the customer where the power content label can be found, shall appear on the cover page or the first facing page. If a note is used to tell the customer where the power content label can be found, the note shall appear in a type size no smaller than 10 point.

(2)(B) Notwithstanding the provisions of subdivision ~~(e)(2)(A)~~ (h)(1) of this section, if the promotional materials pertain to more than one electricity portfolio electric service product and contain multiple pages, the power content label for each electricity portfolio product may appear on the page discussing that electricity portfolio electric service product.

(i)(3) Each retail supplier shall use the power content label template provided by the Energy Commission ~~on its website at <http://www.energy.ca.gov/pcl/>~~ to generate its power content label. The retail supplier shall input its fuel mix percentages in the fields in the column labeled “[year] Power Mix.” The final column shall contain California total system power. At the bottom of the box containing the power content label, the following note shall appear: “For specific information about this electricity product, contact [Company Name] [Company Phone Number]. For general information about the Power Content Label, contact the California Energy Commission at 1-800-217-4925 or www.energy.ca.gov/pcl/”, where “Company Name” is the name of the retail provider. The format of the power content label may not be altered by the retail supplier.

(j) If a retail supplier elects to include additional information related to the sources of unbundled RECs on any power content label, the retail supplier shall submit the proposed information to the Energy Commission for review by ~~June~~ May 1 annually. By June 15 annually, The Energy Commission the Executive Director or her or his designee shall determine whether review the proposed language to ensure that it is limited to information specifically related to the sources of unbundled RECs and does not conflict with the methodology established by the Energy Commission for the calculation of the GHG emissions intensity. If the Executive Director or her or his designee determines that the proposed language meets these requirements, she or he shall issue a modified Power Content Label template to the retail supplier that includes the proposed language in a footnote.

(k) Separate from the power content label, retail suppliers may provide additional information to customers describing other actions relating to GHG that are unrelated to the electricity ~~supply~~ portfolio.

(l) The power content label shall include the following information in footnotes as follows:

(1) Footnote 1, which shall read, “Renewable energy credits (RECs) are tracking instruments issued for renewable generation. Unbundled renewable energy credits (RECs) represent **renewable generation that was not delivered to serve retail sales. investments that do not deliver electricity to the retail supplier’s customers.** Unbundled RECs are not reflected in the power mix or GHG emissions intensities above.

(2) The eligible renewable percentage above does not reflect RPS compliance, which is determined using a different methodology.”

(23) Footnote 2, which shall read, “Unspecified power is electricity that has been purchased through

open market transactions and is not traceable to a specific generation source.

Note: Authority cited: Section 25213, Public Resources Code; and Section 398.4, Public Utilities Code.
Reference: Sections 25216 and 25216.5, Public Resources Code; and Section 398.4, Public Utilities Code.

§ 1394.2 Auditing and Verification

~~(b) Agreed-upon Procedures~~

~~(a)(1)~~ By October 1 of each year, all retail suppliers shall provide a report prepared by an auditor who has conducted the procedures identified in subdivision 1394.2(b) Appendix A of these regulations. The report shall contain a summary of the results of the procedures and a proof of service of the annual power content label to customers.

(1) The retail supplier shall engage an auditor to verify the accuracy and completeness of data reported in the annual report submitted to the Energy Commission.

(A) The auditor shall be a Certified Public Accountant in good standing with the American Institute of Certified Public Accountants (AICPA) or a Certified Internal Auditor in good standing with the Institute of Certified Internal Auditors.

(B) The engagement shall be performed in accordance with either the American Institute of Certified Public Accountants (AICPA) Statements on Standards for Attestation Engagements, Section 600 or the Statements on Auditing Standards, Section 622, or the Generally Accepted Government Auditing Standards for Attestation Engagements or Performance Audits as specified under Chapter 1 of the Government Auditing Standards (July 2018), which is hereby incorporated by reference.

(2) A retail supplier that is a public agency providing electric services is not required to comply with the provisions of subdivision (a)(1) (b)(1) for one electric service product if the board of directors of the public agency ~~approves at a public meeting the submission~~ submits to the Energy Commission of an attestation of the veracity of the each annual report and power content label for the previous year. ~~A report in accordance with subdivision (b)(1) shall be submitted for each additional electric service product it offers to its customers.~~

~~(c) The Energy Commission may on its own motion, or as a result of a request from a member of the public or other agency, investigate electricity transactions identified by a retail supplier to determine whether the transactions are traceable to specific generating facilities and whether they provide commercial verification that the electricity source claimed has been sold once and only once to retail consumers. In conducting its investigation, the Energy Commission may require the production of the service lists used to comply with the requirements of subdivision (b) of this section, as well as commercial documents, such as contracts, invoices, the verification procedures performed pursuant to subdivision (b) of this section, and attestations.~~

~~Note: Authority cited: Section 25213, Public Resources Code; and Section 398.5, Public Utilities Code.
Reference: Sections 25216 and 25216.5, Public Resources Code; and Section 398.5, Public Utilities Code.~~

Appendix A

Agreed-Upon Procedures

~~(a) This Appendix describes the agreed-upon procedures that retail suppliers shall use to comply with the requirements of subdivision (b)(1) of Section 1394 of these regulations. These procedures shall be performed for each electric service product for which specific purchases were made during the previous calendar year, unless the exemption identified in subdivision (b)(2) of Section 1394 of these regulations is applicable. The procedures in subdivisions (c)(1) and (c)(2) of this Appendix are applicable to all transactions relating to the fuel mix of the product, and the procedures in subdivision (c)(3) are applicable to the power content labels disclosing the fuel mix of the product. The procedures described in subdivision (c)(4) are also applicable to transactions in which the purchase of generating facility output is traced from a specific generating facility to a retail customer through a pool.~~

~~(b) The retail supplier must engage an independent accountant or certified internal auditor to perform the procedures identified in subdivision (c) below, in accordance with the American Institute of Certified Public Accountants (AICPA) Statements on Standards for Attestation Engagements, Section 600 or under Statements on Auditing Standards, Section 622. The accountant shall provide a report to the Energy Commission no later than October 1 of each year summarizing the results of the procedures.~~

~~(1) The accountant must be a Certified Public Accountant in good standing with the AICPA or a Certified Internal Auditor in good standing with the Institute of Certified Internal Auditors.~~

~~(2) The accountant or auditor may use sampling techniques following the guidance set forth in the AICPA AU Section 350, *Audit Sampling*, provided that the sample size is determined using a confidence level of 90 percent, a tolerable deviation of 10 percent, and an expected deviation rate of 3 percent, and the total population size is determined. The program participant will need to determine the population size (estimates are acceptable). The sample size shall be determined by using a statistical sampling program, and sample selection shall be made on a random basis using a random number generator. In any event, no more than 50 percent (50%) of the selected transactions may relate to any one month unless more than 50 percent (50%) of the population relates to the same month. All parameters and deviations used and the sample size must be described in the report. If the accountant chooses not to use sampling techniques, testing of 100 percent (100%) of the population must be performed.~~

(b) (c) Agreed-Upon-Audit Procedures

~~(1) Purchases:~~ The auditor shall review the information used to prepare the annual report Schedules 1 and 2, and perform the procedures identified below, noting any exceptions.

(A) The auditor shall agree the ~~specified~~ specific purchases and resales/~~self-consumption~~ by facility ~~or pool~~ name, facility ~~or pool~~ number provided by EIA, WREGIS, and RPS if applicable, ~~or FERC~~, and kilowatt hours, and fuel type from the information used to prepare the annual report is consistent with the information presented in the annual report. Schedule 1 to Schedule 1. The auditor shall agree the purchases of unspecified sources of power, unbundled RECs, and resales/~~self-consumption~~ from the information used to prepare the annual report is consistent with the information presented in the annual report. Schedule 1 to Schedule 1. The auditor shall agree the retail sales are accurately reflected in the annual report on Schedule 1. The auditor shall also test the mathematical accuracy of the annual report Schedule 1.

(B) The auditor shall select a sample of purchases from the information used to prepare Schedule 1 ~~using the sampling guidelines discussed in subdivision (b)(2) of this Appendix~~, and for each purchase in the sample perform the following procedures:

1. Agree the facility ~~or pool~~ name, facility ~~or pool~~ numbers provided by EIA, WREGIS, and RPS if applicable, ~~or FERC~~, kilowatt hours and the fuel type from the invoice to the information used to prepare Schedule 1.
2. For facilities owned by the retail supplier, agree the kilowatt hours with meter readings made by an independent third party, or confirm that the retail supplier has another internal auditing procedure that assures facility production agrees to production claims.
3. Agree the date of generation from the invoice to the reporting period of the information used to prepare Schedule 1.
4. Agree the unbundled RECs reported on Schedule 2 were retired within the reporting year.

(C) 5. The auditor shall agree ~~Agree~~ any excluded emissions meet the requirements pursuant to subdivision 1393(d).

~~(C) The auditor shall agree the net kilowatt hours purchased shown on Schedule 1 to net purchases shown on Schedule 2. Note as an exception if any explanation of the difference in net purchases and sales was improperly excluded.~~

~~(2) Sales: The auditor shall review the information used to prepare Schedules 1 and 2, and perform the procedures identified below, noting any exceptions.~~

~~(A) The auditor shall agree the total retail sales information used to prepare Schedule 1 to total retail sales shown on Schedule 1.~~

~~(B) The auditor shall agree the total retail sales shown on Schedule 1 to total retail sales shown on Schedule 2. The auditor shall also check the mathematical accuracy of Schedule 2.~~

~~(3) Labels~~

~~(2) (A) The auditor shall obtain a copy of the annual power content label provided to customers for each electricity portfolio product pursuant to subdivision (b) of Section 1393 of this chapter. The auditor shall calculate the fuel and technology mix of the total annual retail sales for the product using Using the information reported in provided in Schedule 3 of the associated related annual reports, 2 and the equation found in subdivision (a)(2)(A)(2) of Section 1394 of this chapter. The the auditor shall then compare these percentages to those the information to that identified on the power content label. for the actual power mix on the annual label. The auditor shall note any exceptions **greater than 1%.**~~

~~(4) Pools~~

~~(A) Purchases: The auditor shall obtain the information used to prepare Schedule 3 and perform the procedures identified below, noting any exceptions.~~

~~1. The auditor shall agree the purchases by facility name, facility number provided by EIA, WREGIS or FERC, and kilowatt hours and fuel type from the information used to prepare Schedule 3 to Schedule 3. The auditor shall also test the mathematical accuracy of Schedule 3.~~

~~2. The auditor shall select a sample of purchases from the information used to prepare Schedule 3 using the sampling guidelines discussed in subdivision (b)(2) of this section, and for each purchase perform the following procedures:~~

~~a. Agree the facility name, facility number provided by EIA, WREGIS or FERC, and kilowatt hours and fuel type from the invoice to the information used to prepare Schedule 3.~~

~~b. For facilities owned by the retail supplier, agree the kilowatt hours with meter readings made by an independent third party, or confirm that the retail supplier has another internal auditing procedure that assures facility production agrees to production claims.~~

~~c. Agree the date of generation from the invoice to the reporting period of the information used to prepare Schedule 3.~~

~~(B) Sales: The auditor shall obtain the information used to prepare Schedule 4, and perform the procedures identified below, noting any exceptions.~~

~~1. The auditor shall agree the sales by purchaser and by fuel type and kilowatt hours from the information used to prepare Schedule 4 to Schedule 4. The auditor shall also test the mathematical accuracy of Schedule 4.~~

~~2. The auditor shall select a sample of sales from the information used to prepare Schedule~~

~~4 using the sampling guidelines discussed in subdivision (b)(2) of this section, and for each sales compare kilowatt hours of fuel type to a copy of the billing statement and any other records.~~

(c) The Energy Commission may on its own motion, or as a result of a request from a member of the public or other agency, investigate electricity transactions identified by a retail supplier to determine whether the transactions are traceable to specific generating facilities and whether they provide commercial verification that the electricity source claimed has been sold once and only once to retail consumers. In conducting its investigation, the Energy Commission may require the production of the service lists used to comply with the requirements of subdivision (b) of this section, as well as commercial documents, such as contracts, invoices, the verification procedures performed pursuant to subdivision (b) of this section, and attestations.

Note: Authority cited: Section 25213, Public Resources Code; and Section 398.5, Public Utilities Code. Reference: Sections 25216 and 25216.5, Public Resources Code; and Section 398.5, Public Utilities Code.

STATE OF CALIFORNIA

STATE ENERGY RESOURCES
CONSERVATION AND DEVELOPMENT COMMISSION

IN THE MATTER OF:

**MODIFICATION OF REGULATIONS
GOVERNING THE POWER SOURCE
DISCLOSURE PROGRAM**

Docket No. 16-OIR-05

**[PROPOSED] RESOLUTION
ADOPTING REGULATIONS**

WHEREAS, on September 6, 2019, the State Energy Resources Conservation and Development Commission (“California Energy Commission” or CEC) mailed and posted on the CEC’s website a Notice of Proposed Action (NOPA) formally notifying the public of the CEC’s intent to adopt proposed regulations for the Power Source Disclosure program, the Express Terms of the proposed regulations, an Initial Statement of Reasons (ISOR) describing the rationale for the proposal, and the fiscal and economic impact analysis; and

WHEREAS, on September 6, 2019, the NOPA was published in the California Regulatory Notice Register; and

WHEREAS, on October 4, 2019 the CEC published an Initial Study and Proposed Negative Declaration for the proposed regulations and published and submitted to the State Clearinghouse a Notice of Intent to Adopt a Negative Declaration, concluding that the proposed regulations would not result in any significant adverse impacts to the environment; and

WHEREAS, on October 7, 2019, the CEC held a Lead Commissioner Workshop on the regulations; and

WHEREAS, on October 11, 2019, the CEC published a Notice of Extension of Comment Period; and

WHEREAS, on October 28, 2019, the initial written comment period closed; and

WHEREAS, on November 8, 2019, the CEC postponed the Public Hearing noticed in the NOPA;

WHEREAS, on November 25, 2019, the CEC issued a Notice of Availability of 15-Day Language and Notice of New Public Hearing Date, rescheduling the Public

Hearing to December 11, 2019 and establishing a written public comment period for the revised language ending on December 10, 2019; and

WHEREAS, on December 11, 2019, the CEC held a public hearing to receive comments on the proposed regulations and to consider its adoption and did so adopt the regulations.

THEREFORE, THE CALIFORNIA ENERGY COMMISSION FINDS:

With regard to the California Environmental Quality Act:

- The CEC has considered the application of the California Environmental Quality Act (CEQA) to the proposed regulations and concluded that the proposed regulations will not have any direct, indirect, or cumulatively considerable significant adverse effect on the environment; and

With regard to the Administrative Procedure Act:

- The proposed regulations will not result in the creation of new businesses or elimination of existing businesses, will not result in the expansion of businesses currently doing business in California, and will not result in a significant statewide adverse economic impact directly affecting business, including the ability of California businesses to compete with businesses in other states; and
- The proposed regulations would impose a mandate on local agencies that are electric service providers in terms of what they must report and how they may report it, but the mandate would not directly result in increased costs, and any costs incurred indirectly would not be required to be reimbursed because local agencies have the authority to levy service charges, fees, or assessments sufficient to pay for the mandated program or increased level of service; and
- The proposed regulations will impose no direct costs, or direct or indirect requirements or mandates, on state agencies, local agencies, or school districts, other than the mandate discussed above; and
- The proposed regulations are will not result in the creation or elimination of jobs within California; and
- The proposed regulations will result in no costs or savings in federal funding to the State of California; and
- The proposed regulations will result in marginal costs to the CEC for implementation, but no costs or savings to any other state agency; and
- The proposed regulations will result in no nondiscretionary costs or savings to local agencies or school districts; and
- The proposed regulations will have no impact on housing costs; and
- The proposed regulations will have no significant, statewide adverse economic impact on businesses in general or small businesses in particular; and
- The proposed regulations will result in no cost impacts to representative private persons or businesses in reasonable compliance with the regulations; and

- The proposed regulations will not adversely impact the health and welfare of California residents, worker safety, or the state's environment; and
- The proposed regulations have no alternatives that would be more effective in carrying out the purposes of the statutes for which it is proposed, that would be as effective and less burdensome to affected private persons in carrying out those purposes, or that would be more cost effective to affected private persons and equally effective in implementing those purposes; and
- The proposed regulations will not have a significant adverse economic impact on small business and no alternatives were proposed that would lessen any adverse economic impact on small business; and
- The proposed regulations will not require completion of any new report, but minimal additional information will be required. It is necessary for the health, safety, and welfare of the people of the state that these regulations apply to business; and
- None of the comments received during the comment period or at the public adoption hearing, and nothing else in the record, justified any changes to the proposed regulations as published on November 25, 2019.

THEREFORE BE IT RESOLVED, after considering the Initial Study, and all related materials in the record, the CEC finds that (1) there is no substantial evidence that the adoption of the proposed amendments to the Power Source Disclosure Program regulations will have a significant effect on the environment, and (2) the Negative Declaration reflects the CEC's independent judgment and analysis. The CEC hereby adopts the Negative Declaration and Initial Study published on October 4, 2019. Documents and other materials that constitute the record of proceedings upon which the decision to adopt the negative declaration is based can be found at the Warren-Alquist State Energy Building, 1516 9th Street, Sacramento, California, 95814 in the custody of the Docket Unit.

FURTHER BE IT RESOLVED, additionally, after considering all comments received and the staff's responses, and based on the entire record of this proceeding, the CEC hereby adopts the amendments to its Power Source Disclosure Program regulations, as set forth in the express terms that were published on November 25, 2019 (Cal. Code of Regs., tit. 20, §§ 1390-1394.2).

The CEC takes this action under the authority of sections 25213 and 25218(e) of the Public Resources Code, which authorize the CEC to adopt rules or regulations, as reasonable and necessary, to implement, inter alia, Public Utilities Code section 398.1 et seq; and

FURTHER BE IT RESOLVED, that documents and other materials that constitute the rulemaking record can be found at the Warren-Alquist State Energy Building, 1516 9th Street, Sacramento, California, 95814 in the custody of the Docket Unit; and

FURTHER BE IT RESOLVED, the CEC delegates the authority and directs CEC staff to take, on behalf of the CEC, all actions reasonably necessary to have the proposed regulations go into effect, including but not limited to making any appropriate

non-substantive changes to the regulations; preparing all appropriate documents, such as the Final Statement of Reasons; compiling and submitting the rulemaking file to the Office of Administrative Law (OAL); making any changes to the rulemaking file required by OAL; and preparing and filing the Notice of Determination with the State Clearinghouse.

CERTIFICATION

The undersigned Secretariat to the Commission does hereby certify that the foregoing is a full, true, and correct copy of a Resolution duly and regularly adopted at a meeting of the CEC held on December 11, 2019.

AYE:

NAY:

ABSENT:

ABSTAIN:

Cody Goldthrite
Secretariat