California Energy Commission

STAFF DRAFT REPORT

Renewables Portfolio Standard 2011-2013 Retail Sellers Procurement Verification

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ABSTRACT

This *Renewables Portfolio Standard 2011-2013 Procurement Verification Commission Staff Draft Report* presents the California Energy Commission staff's findings on the amount of renewable energy procured by retail sellers of electricity under California's Renewables Portfolio Standard. The report presents findings for 21 retail sellers, which include investor-owned utilities (small, large, and multijurisdictional utilities), electric service providers, and community choice aggregators.

Keywords: Renewables Portfolio Standard, RPS, Renewable Energy Credits, RECs, renewable attributes, annual procurement target, initial baseline procurement amount, incremental procurement target, certification, verification, generation, investor-owned utilities, electric service providers, multijurisdictional utilities, community choice aggregators, Western Renewable Energy Generation Information System, WREGIS

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EXECUTIVE SUMMARY

Background

California's Renewables Portfolio Standard, enacted in 2002, required retail sellers of electricity to increase their procurement of eligible renewable energy resources by at least 1 percent per year so that 20 percent of their retail sales were procured from eligible renewable energy resources by 2017. Subsequent changes to law first accelerated the 20 percent goal to 2010, then added an increased goal of 33 percent by 2020, and broadened the scope of the Renewables Portfolio Standard to include local publicly owned electric utilities starting in 2011. Most recently, the passage of Senate Bill 350 (De León, Ch. 547, St. 2015) raises the RPS to 50 percent by 2030.

The California Energy Commission and the California Public Utilities Commission jointly implement the Renewables Portfolio Standard program. The Energy Commission certifies eligible renewable energy resources for the Renewables Portfolio Standard and verifies the procurement claims of retail sellers for the California Public Utilities Commission to use when determining retail sellers' compliance with the Renewables Portfolio Standard. Energy Commission staff does not evaluate retail sellers' progress in meeting Renewables Portfolio Standard procurement obligations.

The Energy Commission's verification reports are not legally mandated but are prepared as part of the Energy Commission's Renewables Portfolio Standard responsibilities. After the Energy Commission adopts and finalizes the verification reports for retail sellers, they are transmitted to the California Public Utilities Commission. The reporting years 2011-2013 comprise Compliance Period 1.

This report:

- Verifies the Renewables Portfolio Standard eligibility of the renewable energy facilities from which each reporting retail seller is claiming procurement.
- Verifies, to the extent possible, that the amount of renewable electricity procurement claimed by each retail seller was sufficiently generated by each eligible facility.
- Determine the amount of renewable electricity that may be attributed to multifuel facilities, including facilities using biomethane, by comparing the renewable and nonrenewable fuel usage amounts with the amount of allowable nonrenewable fuel usage per eligible facility.
- Verifies, to the extent possible, that procurement exclusively serves California's Renewables Portfolio Standard and is not double-counted for another renewable energy regulatory or market program.
- Identifies eligible, ineligible, pending, and withdrawn procurement claims for each retail seller and provides the total amount of eligible procurement.

- Provides eligible procurement claims by resource type.
- Discusses the limitations of the Energy Commission's Interim Tracking System, established before the development of the Western Renewable Energy Generation Information System (WREGIS). The system is now used to track renewable energy procurement in 14 western states, two Canadian provinces, and northern Baja California in Mexico.

Report Overview

This report applies only to retail sellers, which include investor-owned utilities (large, small, and multijurisdictional), electric service providers, and community choice aggregators reporting for 2011 through 2013. A total of 21 retail sellers reported procurement for 2011 through 2013. Starting with reporting year 2011, in accordance with Senate Bill X1-2 (Simitian, Chapter 1, Statutes of 2011, First Extraordinary Session), Energy Commission staff began verifying renewable energy procurement claims by local publicly owned electric utilities to determine Renewables Portfolio Standard compliance. Energy Commission staff will prepare a separate verification and compliance report specifically for local publicly owned electric utilities.

In this report, staff verified nearly 460 claims for 2011, more than 470 claims for 2012, and 1,465 claims for 2013. Staff resolved outstanding issues with supporting documentation, and retail sellers correcting their reports and refiling the claims when necessary. During the verification process for 2011-2013, staff verified claims from facilities using pipeline biomethane, and identified and resolved and one multifuel issue, which occurred because a facility's nonrenewable fuel use exceeded the allowable amount of nonrenewable fuel use for the total RPS claim to be counted as RPS eligible . Additionally, staff identified and resolved 66 overclaim issues that were due to the facilities' annual RPS claims exceeding the facilities' annual generation.

After verification reports are transmitted to the California Public Utilities Commission, the Energy Commission may correct previous verification report results if staff later learns that revisions are required.

Conclusions

The procurement claims in this report were from Renewables Portfolio Standard-certified facilities with sufficient generation to cover the procurement amounts claimed with two exceptions. Liberty Power Holdings, and Pilot Power Group have ineligible Renewables Portfolio Standard claims due to the generation occurring prior to the eligibility dates of the facilities. Southern California Edison also has ineligible claims because the generation was not tracked in WREGIS. The Energy Commission finds that the procurement claim amounts listed in this report are eligible for the RPS and should count toward meeting the retail sellers' Renewables Portfolio Standard obligations, if consistent with RPS procurement and compliance rules.

CHAPTER 1: Introduction

Overview of the Renewables Portfolio Standard and Verification

This *Renewables Portfolio Standard 2011-2013 Retail Sellers Procurement Verification Staff Draft Report (2011-2013 Verification Report)* presents the California Energy Commission's findings on the amount of renewable energy procured by retail sellers of electricity under California's Renewables Portfolio Standard (RPS).

California's RPS program was established in 2002 by Senate Bill (SB) 1078 (Sher, Chapter 516, Statutes of 2002) with the goal of increasing the percentage of renewable energy in the state's electricity mix to 20 percent of retail sales by 2017. The RPS statute emphasizes the importance of increasing the diversity, reliability, public health, and environmental benefits of the state's energy mix. The Energy Commission's *2003 Integrated Energy Policy Report (IEPR)* recommended accelerating the RPS goal to 20 percent by 2010, and the *2004 IEPR Update* further recommended increasing the target to 33 percent by 2020. The state's *Energy Action Plan* supported this goal.[1]

In 2006, Senate Bill 107 (Simitian and Perata, Chapter 464, Statutes of 2006) codified California's 20 percent by 2010 RPS goal. The legislation required retail sellers of electricity, including electric corporations,[2] electric service providers (ESPs), and community choice aggregators (CCAs), to increase renewable energy purchases by at least 1 percent per year with a target of 20 percent renewables by 2010. To broaden the scope of the RPS to include local publicly owned electric utilities[3] and to codify the ambitious 33 percent by 2020 goal, Governor Brown signed Senate Bill X1-2 (Simitian, Chapter 1, Statutes of 2011, First Extraordinary Session) in April 2011. More recently, the passage of Senate Bill 350 (De León, Chapter 547, Statutes of 2015) raises the RPS to 50 percent by 2030.

Under the RPS statute, the Energy Commission is charged with certifying renewable energy resources as eligible for California's RPS and developing an accounting system to verify compliance with the RPS. The Energy Commission's *Renewables Portfolio Standard Eligibility Guidebook (RPS Eligibility Guidebook)* specifies the criteria and process for certifying generating facilities as eligible for the RPS. The eligibility criteria include facility qualifications by technology, size, resource type, and initial commercial operation date. The *RPS Eligibility Guidebook* also now includes reporting and verification requirements under SB X1-2.[4]

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1 California Energy Commission, http://www.energy.ca.gov/energy_action_plan/index.html.

2 Also referred to as *investor-owned utilities*.

3 http://www.leginfo.ca.gov/pub/11-12/bill/sen/sb_0001-0050/sbx1_2_bill_20110412_chaptered.pdf.

4 California Energy Commission, *Renewables Portfolio Standard Eligibility Guidebook*, Eighth Edition. June 2015. http://www.energy.ca.gov/renewables/documents/index.html#rps.

The Energy Commission worked with the Western Governors' Association to develop the Western Renewable Energy Generation Information System (WREGIS) to track and verify renewable energy generation and procurement. WREGIS is an independent renewable energy tracking system for the region covered by the Western Electricity Coordinating Council (WECC).[5] WREGIS issues and electronically tracks renewable energy credits (RECs, also known as WREGIS Certificates) representing renewable energy generation and, beginning with 2008 data, is used for RPS reporting and verification.[6]

The Energy Commission and the California Public Utilities Commission (CPUC) jointly implement the RPS program. For the time frame covered in this *2011-2013 Verification Report*, the primary responsibilities of the CPUC are to determine compliance and impose penalties for noncompliance, if necessary, by retail sellers. Since the CPUC is responsible for determining compliance, Energy Commission staff is not evaluating retail sellers' progress in meeting the RPS procurement requirements in this report. The CPUC will use the data contained in this report to determine retail sellers' RPS compliance. Interested parties should refer to the retail sellers' compliance filings on the CPUC's website.[7]

While not legally mandated, the *2011-2013 Verification Report* is prepared as part of the Energy Commission's RPS responsibilities. Upon adoption and finalization of the *RPS 2011-2013 Retail Sellers Verification Commission Report*, the Energy Commission transmits its RPS procurement verification findings to the CPUC. The Energy Commission has previously published verification reports for compliance years 2004-2010.

The report applies to retail sellers, which include 3 large investor-owned utilities (IOUs), 3 small and multijurisdictional utilities (SMJUs), 14 electric service providers (ESPs), and 1 community choice aggregator (CCA)[8] (Table 1).

For reporting year 2011, a total of 18,143 gigawatt-hours (GWh) of renewable energy procurement from 389 generating facilities have been identified as RPS-eligible. For reporting year 2012, a total of 19,266 GWh of renewable energy procurement from 399 generating facilities have been identified as RPS-eligible. For reporting year 2013, a total of 81,265 GWh of renewable energy procurement from 717 generating facilities have been identified as RPS-eligible.

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5 The Western Electricity Coordinating Council is the regional entity responsible for coordinating and promoting bulk electric system reliability in the Western Interconnection. https://www.wecc.biz/Pages/home.aspx.

6 For more information about WREGIS go to https://www.wecc.biz/WREGIS/Pages/Default.aspx.

7 CPUC Compliance and Reporting: http://www.cpuc.ca.gov/RPS_Homepage/.

8 This report does not cover local publicly owned electric utilities (POUs). With adoption of SB X1-2, the Energy Commission is responsible for POUs' verification and compliance determinations and will prepare a separate POU verification report when the verification analysis is complete. For more information on POU compliance see http://www.energy.ca.gov/portfolio/pou_rulemaking/index.html.

Table 1: Retail Sellers Covered in the 2011-2013 Verification Report

Investor-Owned Utilities
Pacific Gas and Electric Company (PG&E)
San Diego Gas & Electric Company (SDG&E)
Southern California Edison Company (SCE)
Small and Multijurisdictional Utilities
Bear Valley Electric Service (BVES)
Liberty Utilities (CalPeco Electric), LLC (Liberty Utilities)
Pacific Power/PacifiCorp (PacifiCorp)
Electric Service Providers
3Phases Renewables, LLC (3Phases)
Calpine Power America-CA, LLC (Calpine)
Commerce Energy, Inc. (Commerce)
Commercial Energy of California (Commercial)
Constellation NewEnergy, Inc.(CNE)
Direct Energy Business, LLC (Direct Energy)
EDF Industrial Power Services (CA), Inc. (EDF)
Gexa Energy California, LLC (Gexa)
Glacial Energy of California, Inc. (Glacial)
Liberty Power Holdings, LLC (Liberty Power)
Noble Americas Energy Solutions, LLC (Noble)
Pilot Power Group, Inc. (Pilot)
Shell Energy North America L.P (Shell)
Tiger Natural Gas (TNG)
Community Choice Aggregator
Marin Clean Energy (MCE)

Report Organization and Scope

This report is organized into five chapters. Chapter 2 describes WREGIS, the Interim Tracking System (ITS), and the various RPS verification methods. Chapter 3 provides the retail sellers' procurement verification findings. Chapter 4 presents staff's RPS claim data analysis, and Chapter 5 discusses the limitations of the ITS and verification process and the outlook for future verification reports.

This *2011-2013 Verification Report* compares RPS claims made by retail sellers with RPS certification records, and the generation and fuel use data of facilities to verify that the claims met the requirements of the *RPS Eligibility Guidebook* to be considered RPS-eligible.

CHAPTER 2: Verification Methods

This chapter provides an overview of the WREGIS and ITS reports used by retail sellers to report procurement claims for the RPS, and the specific verification methods used to verify the data covered in this report.

Sources of Renewables Portfolio Standard Claims Data

For this report, an "RPS claim" or "RPS procurement claim" refers to the amount of electricity a retail seller claimed it procured from a specific RPS-certified generation facility for the RPS. The *RPS Eligibility Guidebook, Seventh Edition*, required that beginning in 2011, retail sellers must report their claims using WREGIS with the exception of test energy generation that occurred before a facility began commercial operations. WREGIS electronically tracks renewable energy credits (RECs) that represent renewable energy generation. For each megawatt hour (MWh) of electricity generated and reported to WREGIS, WREGIS creates a unique electronic certificate (WREGIS Certificate, also known as a REC). WREGIS functions much like a banking system, with WREGIS Certificates initially deposited into the "active subaccount" of a generator. WREGIS Certificates can be transferred between accounts but can reside in only one account at any given time, thereby preventing possible double-counting of renewable energy generation as long as the certificates continue to be tracked in WREGIS.

Renewable generators, load-serving entities, and third parties from the western United States, western Canada, and parts of northern Mexico may participate in WREGIS. As a regional system, WREGIS is designed to verify that reported generation is counted only once in California and throughout the geographic area covered by the Western Electricity Coordinating Council (WECC).

Retail sellers must authorize WREGIS to submit California RPS state/provincial/voluntary compliance reports (WREGIS Reports) on their behalf to the Energy Commission. The WREGIS Reports provide RPS claims data by month for RECs, listed by RPS-certified facility and fuel type, that were assigned to a retirement subaccount specific to California's RPS. Prior to the development of WREGIS, retail sellers used the ITS to report RPS procurement claims. The ITS reporting form (CEC-RPS-Track) contains the same data as the WREGIS Report; however, the data are self-reported by the retail seller. The ITS is being phased out. Appendix A summarizes the information reported by retail sellers in the 2011-2013 WREGIS Reports and the ITS CEC-RPS-Track forms.

Retail sellers may "withdraw" an RPS claim from the total procurement amount being claimed if the claim is determined to be ineligible during the verification process. If the claim was reported using the ITS, a retail seller is allowed to submit a revised RPS-Track form to remove the ineligible claim. If the claim was reported using WREGIS, however, a retail seller can "unretire" certificates and submit a revised report only within 12 months of when the

certificates were retired. In cases where a claim is determined to be ineligible but cannot be unretired from the WREGIS Report, the retail seller is given the option to "withdraw" the claim from its total RPS procurement claims. Withdrawn claims are taken out of the verification process and are not counted toward the retail seller's verified total RPS eligible procurement amount.

Moreover, WREGIS corrects for over- and underallocation of RECs by adjusting the REC creation amount in future months and sometimes future years. When WREGIS withholds creation of RECs to adjust for a past error, the retail seller can request that the Energy Commission credit the retail seller with the withdrawn RECs in the actual generation year to avoid discounting the retail seller twice. As described in Chapter 3: Verification Analysis, there are situations in which a retail seller withdraws ineligible RECs retired in WREGIS for the year they are ineligible, and has claimed the RECs in the actual generation year. As a result, there may be instances when a retail seller's WREGIS claims differ from Energy Commission verified data.

For test energy, which is generated prior to a facility beginning commercial operations, the *RPS Eligibility Guidebook, Seventh Edition*, allowed retail sellers to use the ITS to report test energy generation that was not tracked in WREGIS until July 2012.[9] Initially, the WREGIS system created RECs only for generation that occurred during the earliest active certificate issuance cycle at the time the facility was approved in WREGIS. However, the system has been updated and now allows WREGIS to create RECs for test energy that occurred before the generator approval in WREGIS. Retail sellers were able to report test energy using the ITS until this update occurred in July 2012. Only one retail seller used the ITS in the 2011-2013 period to report RPS claims of test energy.

Renewables Portfolio Standard Certification and Eligibility Date

The first step in the Energy Commission staff's verification is to determine that all RPS claims are from RPS-certified generating facilities. For the period covered in this report, a facility is RPS-eligible if, as defined in the *RPS Eligibility Guidebook*, it uses an eligible renewable resource or fuel, satisfies resource-specific criteria, and is either located within the state or satisfies applicable requirements for out-of-state and out-of-country facilities.

Claims for generation that occurred before the "eligibility date" of an RPS-certified facility are not eligible.[10] Staff identified these claims, marked them as ineligible, and notified the retail seller making the claim. In response, four retail sellers submitted a request to the Energy

9 Section V B. 3. a.: Using the ITS for Test Energy in the *RPS Eligibility Guidebook, Seventh Edition,* states, "Beginning with reporting year 2011, the Energy Commission will accept only retail seller procurement claims for generation that is traced in WREGIS and reported to the Energy Commission using WREGIS State/Provincial/Voluntary Compliance Reports (WREGIS Compliance Reports), except in cases where tracking RECs for test energy was not available in WREGIS."

10 The eligibility date, or beginning-on date, is the date the Energy Commission deems the first application for a facility received. Generation is typically eligible back to the month containing this beginning-on date. Section IV A. 2. a.: Eligibility Date in the *RPS Eligibility Guidebook, Eighth Edition,* provides additional information.

Commission's Executive Director for an extension to the certification application deadline.[11] The extensions were granted for two of the retail sellers, and the claims from these facilities are now counted as RPS-eligible. For claims made using WREGIS for RECs that had been retired for more than 12 months, retail sellers were not allowed to unretire the ineligible claims.

Sources of Generation Data

The Energy Commission staff collects and reviews generation data from various sources as part of the RPS verification. RPS-certified facilities that use nonrenewable fuel or report monthly generation claims on the CEC-RPS-Track form must submit data annually to the Energy Commission. These data are due to the Energy Commission by April 1 (or the next business day) of each year using the CEC-RPS-GEN or CEC-RPS-Multi-fuel form.

In addition, Energy Commission staff collected generation data from the U.S. Energy Information Administration's (EIA) website. The EIA website provides annual generation information for generation facilities with a capacity greater than 1 megawatt (MW).[12] Staff uses these generation data in its multifuel process and overclaims analysis, as explained in subsequent sections.

Energy Commission staff compared the generation and fuel use data reported on the CEC-RPS-GEN and CEC-RPS-Multi forms with the EIA data to ensure accuracy. If the data varied by more than 5 percent, staff requested an explanation from the facility owner about the variation. Explanations for the variations include, but are not limited to unit conversion errors, missing periods of reporting in the EIA data, EIA data that included on-site load, and estimated generation and fuel use amounts being reported to the EIA. As a result of this comparison, 12 revised CEC-RPS-GEN and CEC-RPS-Multi fuel forms were submitted.

Multifuel Analysis

RPS-certified multifuel facilities that use a portion of nonrenewable energy resources to generate electricity may be eligible to count 100 percent of the electricity generated for the RPS. Staff determined the amount of RPS eligible generation for each multifuel facility by calculating the percentage of nonrenewable fuel used and comparing the nonrenewable fuel percentage with the allowable de minimis, which is 2 percent of the total fuel use, or nonrenewable fuel use percentage, which is 5 or 25 percent of the total fuel use.

When staff identifies claims that exceed the allowable fossil fuel usage, staff notifies the facility owners and provides them with the multifuel data analysis. During the analysis of 2011-2013 data, one multifuel issue was identified in which the nonrenewable fuel use amount exceeded the allowable nonrenewable fuel use of 5 percent. The multifuel analysis showed that in 2012, the facility was using 5.89 percent nonrenewable fuel. Although the facility was granted

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11 See Section VII. D. 3. Extensions of Certification Application Deadline in the *RPS Eligibility Guidebook, Eighth Edition*. http://www.energy.ca.gov/2015publications/CEC-300-2015-001/CEC-300-2015-001-ED8-CMF.pdf.

12 Annual generation data from the U.S. EIA can be downloaded from www.eia.doe.gov/cneaf/electricity/page/eia906_920.html.

qualifying facility (QF) status by the Federal Energy Regulatory Commission (FERC), which means that it is a small power production facility that meets certification and registration requirements for QF status, it was not able to take advantage of the 25 percent allowance because at the time of certification, the facility use of nonrenewable fuel did not fall under the permitted uses, as found in Title18, Code of Federal Regulations, Part 292.204(b)(2), and the facility did not certify as a QF for the RPS. According to the *RPS Eligibility Guidebook, Seventh Edition,* a facility needs to be continuously certified as a QF to maintain QF status. The retail seller claiming this generation withdrew the claim amount that exceeded the eligible generation of this facility.[13]

Overclaim Analysis

After compiling RPS claims and generation data, staff compared the annual total of RECs claimed by all load-serving entities (LSEs) from each RPS-certified facility with the annual amount of electricity generated by each facility to ensure that the annual amount claimed did not exceed the annual amount generated. If two or more LSEs claimed procurement from the same facility, staff compared the cumulative amount of RECs claimed from that facility with the total amount of electricity generated by that facility.

For the 2011-2013 compliance period, staff conducted two separate analyses to determine possible overclaims. In the first analysis, staff used eligible generation data that were submitted directly to the Energy Commission on the CEC-RPS-Multi-fuel and the CEC-RPS-GEN forms. Staff compared eligible generation to the total claims, and if the claims exceeded generation for a given year, staff requested supporting information from the retail seller. Staff identified 26 overclaim issues that were eventually resolved by reviewing meter data and invoices. Two remaining overclaim issues that could not be resolved with supporting information resulted in the retail sellers withdrawing their claims.

During the second overclaim analysis, staff compared the total claims for facilities that did not submit a CEC-RPS-Multi fuel or CEC-RPS-GEN form with generation data that came from a source outside the Energy Commission, such as the EIA. Since claim data are reported through WREGIS, staff requested supporting documentation from the retail seller to support the RPS claims if the claims exceeded generation by more than 15 percent for a given year. In the past, staff made this request if the difference was 5 percent or higher. However, the data analysis method for 2011-2013 allows for a 15 percent difference between generation and procurement figures to account for possible reporting differences. These differences may occur for various reasons, such as rounding errors when comparing data sources that use different energy units (for example, MWh versus kWh). Staff reviewed supporting documentation, such as invoices or meter data. If there was insufficient supporting documentation, the claim was deemed ineligible. During the verification for this report, staff identified 41 overclaim issues that were

13 *RPS Eligibility Guidebook, Seventh Edition* page 48 states, "Facilities that commenced commercial operations before January 1, 2002, were certified and operational as a renewable qualifying small power production facility (QF)50 pursuant to the federal Public Utility Regulatory Policies Act51 before January 1, 2002, and are currently certified by the Federal Energy Regulatory Commission (FERC) as a renewable QF, may use up to 25 percent nonrenewable fuels and the entire electrical generation output of the facility will be considered RPS - eligible."

eventually resolved with supporting documentation. One overclaim issue resulted in the retail seller withdrawing claims.

Renewable Energy Credit Claims Relative to the Vintage of the Credits

Public Utilities Code Section 399.21 (a)(7) allows LSEs to retire RECs up to 36 months after the RECS are generated, which means LSEs may retire RECs in years other than the vintage year. Therefore, the overclaim analysis is more complicated for this compliance period than in previous years because RECs generated in the same year from the same facility may be retired in different reporting years.[14] Staff reconciled these issues by compiling claims based on the vintage year of the REC instead of the year that it was reported. This approach can take into account only RECs that have been reported during the verification period of 2011-2013, and there may be 2011-2013 vintage RECs that will be reported in a future year. Energy Commission staff will continue to recalculate the overclaim analysis in the future as additional RECs are reported. The Energy Commission will update the verification results presented in this report if future issues are found with 2011-2013 claims reported as RPS-eligible.

Biomethane Analysis

This report covers claims from RPS-certified generating facilities using biomethane for 2011-2013.[15] A detailed description of the biomethane analysis is provided below. Energy Commission staff was able to verify all of the biomethane claims as eligible.

Verification Requirements for Biomethane Claims

As of January 2008, the *RPS Eligibility Guidebook* established the following requirements for the use of biomethane delivered through the natural gas pipeline system:

1. The gas must be produced from an RPS-eligible resource, such as biomass or digester gas.
2. The gas must be injected into a natural gas pipeline system that is either within the WECC region or interconnected to a natural gas pipeline system in the WECC region that delivers gas into California.
3. The energy content of the gas produced and supplied to the transportation pipeline system must be measured monthly and reported annually, illustrated by month. Reporting shall be in units of energy (for example, one million British thermal units

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14 "Reporting year" refers to a particular year within a compliance period for which the annual generation has already occurred and for which the RECs are being retired and used for RPS compliance. The reporting year is not the year in which the retired RECs are reported; it is the year for which the retired RECs are reported and, on an annual basis, should typically represent the calendar year preceding the reporting due date. Retail sellers reported 2011and 2012 claims in August 2013, and 2013 RPS claims in July 2014.

15 For this report, "biomethane" or "pipeline biomethane" refers to biogas that has been upgraded or otherwise conditioned to meet the gas quality standard applicable to the natural gas transportation pipeline system and is delivered to the generating facility using the natural gas transportation pipeline system in accordance with the *RPS Eligibility Guidebook*.

[MMBtu]), based on metering of gas volume and adjusted for measured heat content per volume of each gas. In addition, the total amount of gas used at the RPS-eligible facility must be reported in the same units measured over the same period, and the electricity production must be reported in MWh.

4. The gas must be used at a facility that has been certified as RPS-eligible. As part of the application for certification, the applicant must attest that the RPS-eligible gas will be nominated to that facility or nominated to the LSE-owned pipeline serving the designated facility.

In its annual RPS procurement verification reports, the Energy Commission staff calculates the RPS-eligible energy produced from biomethane using the same method discussed above.

In addition to these requirements, beginning on January 1, 2011, the *RPS Eligibility Guidebook* required that the RPS-certified facility, or the biomethane supplier, enter into contracts for the delivery or storage of the gas with every pipeline or storage facility operator transporting or storing the gas from the injection point to California (or to the RPS-certified facility if the RPS-certified facility is located outside California). This reporting is required to prevent natural gas from inadvertently being counted as RPS-eligible.

Depending on the delivery requirements applied, biomethane verification may include both physical and contractual verification requirements. The physical verification requirements must come from the biomethane source and from the RPS-certified facility. The contractual verification requirements include invoices for the injected biomethane and proof of the physical path for biomethane delivery. Staff confirmed that the biomethane used at an RPS-certified facility met these requirements by requesting, as applicable, the following information from the RPS-certified facilities or retail seller:

1. The pipeline delivery path of the biomethane from the gas source to the RPS-certified facility.
2. Copies of contracts for each pipeline section of the delivery path, as well as the contract for the purchase of the biomethane.
3. Monthly energy content and volume meter data for the gas injected in the pipeline at the source as well as for the gas taken from the pipeline at the generating facility. Invoices cannot be substituted for meter data.
4. Invoices for the purchases of biomethane.
5. In the event that biomethane was stored for later use at the facility, contracts for storage with the pipeline operators and monthly storage statements for this gas.

Verification Process for Biomethane Claims

Energy Commission staff worked closely with the retail sellers on the analysis of biomethane claims. All biomethane amounts were analyzed on an energy basis in units of MMBtu, and all electrical generation was analyzed in units of MWh.

Energy Commission staff reviewed the gas delivery contracts, when applicable, to ensure that there was a physical path available during the time of delivery from the biomethane source to the RPS-certified generating facility. This analysis helped ensure that only the biomethane fuel that was purchased, delivered, and used by the RPS-certified facility could count toward the RPS claim amounts. Staff also examined the monthly invoices of the RPS-certified facility to ensure it had purchased the biomethane.

Next, staff analyzed the physical verification requirements. Energy Commission staff compared the biomethane fuel purchase invoices, pipeline injection reports, and pipeline nomination reports showing delivery amounts on a monthly basis. The lesser value for each month from these three data sources was taken as the verifiable biomethane fuel amount for the month. Only the lesser of the injected, delivered, or invoiced amounts was accepted on a monthly basis to ensure that no nonrenewable fuel was inadvertently counted as RPS-eligible.

After determining the total RPS-eligible amount of biomethane delivered to the RPS facility for the year or the contracted time frame (based on the monthly analysis described above), a strict monthly correlation between the amounts of eligible biomethane fuel and the RPS-eligible generation was not required. Instead, the ratio of the total RPS-eligible amount of biomethane for the year and the total amount of fuel consumed at the RPS-certified facility for the same year was multiplied by the total electrical output of the RPS-certified facility for the same year to derive the total amount of RPS-eligible generation produced that year, as shown in the following equation:

$$RPS\ Eligible\ Generation = \frac{RPS\ Eligible\ Biomethane\ (MMBtu)}{Total\ Fuel\ Use\ At\ RPS\ Certified\ Facility\ (MMBtu)} \times Total\ Generation\ (MWh)$$

However, in all cases, no more electricity generation than that corresponding to the total allowable amount of gas could be counted for the RPS. Allowing for some flexibility in the reporting of monthly RPS claims helped account for any WREGIS REC creation issues in which the number of RECs created in one month could be lower than the amount of verified RPS-eligible gas that was delivered to the RPS-certified electrical generation facility in that same month. Such accounting adjustments may occur in WREGIS, and the lower amount is later adjusted in a subsequent WREGIS REC creation cycle, resulting in REC amounts that may not mirror the monthly biomethane delivered amounts. Requiring RPS claims to match the amount of RPS-eligible gas amount delivered in a particular month would make the reporting and verification analysis too burdensome and is not necessary as long as the total RPS-eligible biomethane amount does not exceed the amount of verified RPS-eligible biomethane delivered to the facility in a particular year or contracted time frame.

Verification Analysis of Specific Biomethane Claims

Only two retail sellers had specific biomethane claims from 2011 to 2013, none of which had any issues.

Coordinating With Other States

Energy Commission staff collaborated with the staff from the Oregon Department of Energy (ODOE) regarding the California and Oregon RPS programs because Oregon's RPS program also requires the use of WREGIS to track RPS data. Energy Commission staff determined the 2011-2013 RPS claims for California's RPS program that were tracked and reported through WREGIS were not double-counted in Oregon's RPS program. For claims reported for 2011-2013 outside of WREGIS using the ITS, Energy Commission staff provided a list of the ITS claims to ODOE staff for review. The ODOE staff confirmed that the facilities claimed on the ITS are not eligible for Oregon's RPS program, so there are no double-counting issues for these claims. Staff from both agencies will continue to collaborate to help ensure California RPS claims made by retail sellers and/or POUs using the ITS are not later claimed for Oregon's RPS using WREGIS.

Coordinating With the Voluntary Renewable Energy Credit Market

In addition to working with other states to protect against double-counting, Energy Commission staff coordinated with Green-e Energy[16] (Green-e) to verify that California RPS claims for 2011-2013 were not being counted on the voluntary REC market.

To begin the analysis, Green-e staff provided a list of all generating facilities in the WECC that participate in the Green-e program along with the facilities. The list included about 530 facilities and identified various facility-related information, including facility location, fuel type, nameplate capacity, and EIA ID or QF ID number, if available.

Energy Commission staff used the list of Green-e certified facilities to determine which facilities are also RPS-certified. It is often difficult to determine whether a Green-e-certified facility and an RPS-certified facility are in fact the same facility because many facilities have similar names, fuel types, and locations.

Once facilities were confirmed as both Green-e and RPS-certified, it was determined which of those facilities had RPS claims reported for 2011-2013. The total procurement claim amount of the facilities was determined and then compared with the total generation, which was either reported to the Energy Commission on the CEC-RPS-GEN or CEC-RPS-Multi-fuel forms or acquired from the EIA. The percentage difference between the generation amount and the total procurement claim amount was calculated for each facility. If the result showed that the total

16 Green-e Energy, a program of the Center for Resource Solutions, is an independent consumer protection program for the sale of renewable energy in the voluntary retail market; see www.green-e.org. Green-e Energy does not require the use of WREGIS.

claimed amount was over the generation amount by 5 percent or more, it was considered an overclaim.

Because the transaction data for Green-e are confidential, Energy Commission staff provided a table listing the 28 overclaims for Green-e staff's review. Green-e notified Energy Commission staff of instances where the purchasing entity that acquired the Green-e-certified generation was the same entity claiming the generation for the RPS. For these claims, the Green-e-certified claim was no longer included in the total procurement calculation, and the overclaims were resolved.

After this analysis, there were 18 facilities that continued to have an overclaim issue. Energy Commission staff contacted the utility representatives to obtain documentation confirming that the retail seller purchased the RECs they were claiming. Staff reviewed the documentation from each retail seller and determined that it matched the RPS procurement claims, which resolved the overclaim concerns. Staff shared this information with Green-e staff, who confirmed that the data resolved the issues for them as well.

Finalizing Verified Data

The draft preliminary verification results tables were posted on the Energy Commission website for public comment on February 2, 2016. Comments received on the draft tables were considered and incorporated, as appropriate.

Within 30 days of the Energy Commission's adoption and posting of the final *2011-2013 Verification Report*, retail sellers must file verified RPS compliance reports with the CPUC using Energy Commission-verified RPS procurement data.[17] Retail sellers' RPS compliance reports are served on the service list for the RPS proceeding and made publicly available on the CPUC's website.[18]

17 CPUC, D. 12-06-038, June, 21, 2012. Decision Setting Compliance Rules for the Renewables Portfolio Standard Program Ordering Paragraph 1. http://docs.cpuc.ca.gov/WORD_PDF/FINAL_DECISION/169704.pdf.

18 http://www.cpuc.ca.gov/RPS_Homepage/.

CHAPTER 3: Verification Results

This chapter presents procurement verification findings for retail sellers (IOUs, MJUs, ESPs, and CCAs). A facility must be certified by the Energy Commission for the generation to be eligible for the RPS. Staff has identified RPS claim amounts that are eligible, ineligible, or withdrawn, along with a brief description of the particular issues affecting these claims. In some cases, the retail seller requested that Energy Commission staff withdraw an ineligible claim amount. In other cases, as described in the retail seller's section below, staff resolved outstanding issues from the *2008-2010 RPS Verification Report*[19] by the data in this report.

The following sections summarize staff's verification determinations for retail sellers' RPS claims for Compliance Period 1 (2011-2013).

Summary tables show RPS claim totals for Compliance Period 1 and include:

- Total RPS Claims Reported.
- Ineligible Claims.
- Withdrawn Claims.
- Claims Eligible Toward the RPS.

Verification Results for Investor-Owned Utilities

Pacific Gas and Electric Company

PG&E does not have any pending, withdrawn, or ineligible RPS claims. During the verification, however, it was found that PG&E did have RPS claims from a facility that were generated before the facility RPS eligibility date. The facility submitted a request to the Energy Commission's Executive Director for an extension of the certification application deadline. This request was granted, and the eligibility date of the facility was extended to cover the period of the claims. These claims were then determined to be RPS-eligible.

19 *Renewables Portfolio Standard 2008-2010 Procurement Verification Commission Final Report*. California Energy Commission, Renewable Energy Division. CEC-300-2013-010-CMF. http://www.energy.ca.gov/2013publications/CEC-300-2013-010/CEC-300-2013-010-CMF.pdf.

Table 2: Pacific Gas and Electric Company Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**46,379,618**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims	
Amount withdrawn by LSE	0
Claims Eligible Toward the RPS	**46,379,618**

Source: RPS staff analysis of PG&E's 2011-2013 WREGIS Compliance Reports, CEC-RPS-Track Form, and supporting documentation

All of PG&E's 2011-2013 RPS claims were reported in WREGIS Reports. However, PG&E did submit a CEC-RPS-Track form at the request of Energy Commission staff to report generation that was marked as ineligible in the *2008-2010 RPS Verification Report.*[20] This process was used to allow PG&E to count generation for which RECs were not created in WREGIS due to the WREGIS prior period adjustment process.

Table 3 shows the claim amounts that had previously been reported in a WREGIS report but were withdrawn in the *2008-2010 RPS Verification Report*. PG&E reported these claims on the CEC-RPS-Track form to account for adjustments made in WREGIS. These claims have been verified as RPS-eligible and are included in the "Claims Eligible Toward the RPS" amount listed in Table 2.

20 The *Renewables Portfolio Standard 2008-2010 Procurement Verification Commission Final Report* states, "Five of the claims in which a portion of the procurement was requested to be withdrawn involved RECs that, for various reasons, were erroneously created in WREGIS. To correct the errors, WREGIS will withhold creation of an equal number of RECs for each facility's 2011 or 2012 REC amounts. Energy Commission staff determined that PG&E could correct the error in a future year by requesting to apply the 'withdrawn' claim amount in a future year to account for when WREGIS reduces the amount of RECs created for these particular facilities. This process allows the RPS Verification Report to reflect the eligible claim amounts by vintage year, regardless if the vintage date indicated on the certificate is not correct. Moreover, by allowing the withdrawn amount to be counted in a future Verification Report, this process prevents PG&E from being doubly discredited through the verification process when WREGIS withholds creation of an equivalent amount of RECs from the specific facilities to correct the error."

Table 3: PG&E's 2008 and 2009 Withdrawn Claims Reported for 2011 and 2012 to Correct for WREGIS Adjustments

Year of Generation	Facility Name	RPS ID	WREGIS Adjustment Amounts Claimed on CEC-RPS-Track Form (MWh)
2011	Waste Management Renewable Energy	60096	3,896.00
2012	Amedee Geothermal Venture I	60111	337.79
2012	Wineagle Developers 1	60193	1,399.26

Source: RPS staff analysis of PG&E's 2008-2010 WREGIS Compliance Reports and PG&E documentation requesting these RPS amounts be withdrawn and applied to PG&E in the 2011-2013 verification report due to WREGIS prior period adjustments

San Diego Gas & Electric Company

SDG&E has 2,008 MWh of withdrawn claims. During the multifuel analysis, it was found that Coyote Canyon exceeded the allowable nonrenewable fuel use for 2012 by 3.89 percent. SDG&E worked with Energy Commission staff by submitting additional documentation. Based on the provided documentation, Energy Commission staff found that SDG&E's vintage 2012 claims, which were reported in 2013, exceeded the eligible generation reported by the facility. SDG&E's claims exceeded the eligible generation amount by 2,008 MWh. SDG&E requested that 2,008 MWh be counted as withdrawn.

Table 4: San Diego Gas & Electric Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**10,022,512**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims	
Amount withdrawn by LSE	2,008
Claims Eligible Toward the RPS	**10,020,504**

Source: RPS staff analysis of SDG&Es 2011-2013 WREGIS Compliance Reports and supporting documentation

Southern California Edison Company

SCE requested that 27 MWh of its claims be withdrawn. During the overclaim analysis, it was determined that SCE's vintage 2011 claims from the SPVP022 facility, which were reported in 2012, exceeded the 2011 annual generation reported by the facility to the EIA. SCE's claims exceeded the generation amount by 27 MWh. When SCE was notified of this overclaim, it requested that the 27 MWh be withdrawn.

Table 5: Southern California Edison Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**46,158,663**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	26,509
Withdrawn Claims	
Amount withdrawn by LSE	27
Claims Eligible Toward the RPS	**46,132,127**

Source: RPS staff analysis of SCE's 2011-2013 CEC-RPS-Track Forms, WREGIS Compliance Reports and supporting documentation

SCE claimed 26,509 MWh from the Shepherds Flat North facility that are ineligible due to being reported on the ITS instead of WREGIS. Retail sellers were required to report RPS claims using WREGIS beginning in 2011 with the only exceptions being reporting prior period adjustment corrections and test energy that was generated prior to July 2012. These claims did not fit either of these exceptions, so the claims are counted as ineligible for the RPS.

SCE is claiming generation with a generation (vintage) date prior to 2011. SCE reported claims from Coso Power Developers and Coso Energy Developers for a total of 9,730 MWh with a vintage date of 2009 and claims from Goshen Phase II for 27 MWh with a vintage date of 2010. SCE has provided documentation from WREGIS showing that these claims were part of a prior period adjustment that occurred in WREGIS. Generation from these facilities was reported incorrectly in WREGIS, and too many RECs were created. When the error was discovered, WREGIS corrected it by not creating the full amount of RECs in 2011 to compensate for the error. SCE held onto the extra 2009 and 2010 RECs in those reporting years because the RECs did not represent the actual 2009 and 2010 generation of the facilities. Although the vintage year of the RECs is 2009 and 2010, these RECs represent generation that occurred in 2011. As a result, SCE has reported these RECs for Compliance Period 1.

Verification Results for Small and Multijurisdictional Utilities

Bear Valley Electric Service

Bear Valley Electric Service has 60 MWh of withdrawn claims. During the verification, it was found that BVES' vintage 2011 claims from the Palos Verdes Gas-to-Energy Facility, which were reported for both 2011 and 2012, exceeded the 2011 annual generation amount reported by the facility. BVES' claims exceeded the generation amount by 60 MWh. When BVES was notified of this overclaim, it requested that the 60 MWh be withdrawn.

Table 6: Bear Valley Electric Service's Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**132,489**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims	
Amount withdrawn by LSE	60
Claims Eligible Toward the RPS	**132,429**

Source: RPS staff analysis of BVES' WREGIS Compliance Reports

Liberty Utilities (CalPeco Electric) LLC

Table 7: Liberty Utilities (CalPeco Electric) LLC Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**339,046**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**339,046**

Source: RPS staff analysis of Liberty Utilities' 2011-2013 WREGIS Compliance Reports

PacifiCorp

Table 8: PacifiCorp's Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**477,691**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**477,691**

Source: RPS staff analysis of PacifiCorp's 2011-2013 WREGIS Compliance Reports.

Verification Results for Electric Service Providers and Community Choice Aggregators

3Phases Renewables, LLC

Table 9: 3Phases Renewables, LLC Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**57,844**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**57,844**

Source: RPS staff analysis of 3Phases' 2011-2013 WREGIS Compliance Reports

Calpine PowerAmerica-CA, LLC.

For the 2011-2013 compliance period, all of Calpine's RPS claims reported from a facility using common carrier pipeline biomethane were verified using supporting documentation provided by Calpine PowerAmerica-CA, LLC. These claims were determined to be RPS-eligible.

Table 10: Calpine PowerAmerica-CA, LLC Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**576,637**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**576,637**

Source: RPS staff analysis of Calpine's 2011-2013 WREGIS Compliance Reports

Commerce Energy, Inc.

Table 11: Commerce Energy, Inc.'s Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**296,000**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**296,000**

Source: Commerce's 2011-2013 WREGIS Compliance Reports

Commercial Energy of California

Table 12: Commercial Energy of California's Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**18,539**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**18,539**

Source: Commercial's 2011-2013 WREGIS Compliance Reports.

Constellation New Energy, Inc.

Table 13: Constellation New Energy, Inc. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**3,204,390**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**3,204,390**

Source: CNE's 2011-2013 WREGIS Compliance Reports.

Direct Energy Business, LLC

Table 14: Direct Energy Business, LLC, Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**2,126,041**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**2,126,041**

Source: RPS staff analysis of Direct Energy's 2011-2013 WREGIS Compliance Reports.

EDF Industrial Power Services (CA), Inc.

Table 15: EDF Energy Industrial Power Services (CA), Inc. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**23,677**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**23,677**

Source: RPS staff analysis of EDF's 2011-2013 WREGIS Compliance Reports.

Gexa Energy California, LLC

Table 16: Gexa Energy California, LLC Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**69,018**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**69,018**

Source: RPS staff analysis of Gexa's 2011-2013 WREGIS Compliance Reports.

Glacial Energy of California, Inc.

Table 17: Glacial Energy of California, Inc. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**43,344**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**43,344**

Source: RPS staff analysis of Glacial's 2011-2013 WREGIS Compliance Reports.

Liberty Power Holdings LLC

Liberty Power has claims counted as ineligible for the RPS because the claims were generated before the facilities' RPS eligibility dates.

Table 18: Liberty Power Holdings LLC Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**20,669**
Ineligible Claims:	
Amount ineligible because facility is not RPS-Certified when RECs were created	81
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims	
Amount withdrawn by LSE	0
Claims Eligible Toward the RPS	**20,588**

Source: RPS staff analysis of Liberty Power's 2011-2013 WREGIS Compliance Reports.

Marin Clean Energy (Community Choice Aggregation)

Table 19: Marin Clean Energy's Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**536,379**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**536,379**

Source: MCE's 2011-2013 WREGIS Compliance Reports.

Noble Americas Energy Solutions, LLC

Table 20: Noble Americas Energy Solutions, LLC's Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**4,435,996**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**4,435,996**

Source: Noble's 2011-2013 WREGIS Compliance Reports.

Pilot Power Group, Inc.

Pilot Power Group, Inc. (Pilot) claimed vintage 2009 generation from the out-of-state facility, Hopkins Ridge Wind Project, RPS ID 60745. Pilot originally claimed this generation in 2009. During the 2008-2010 verification process, while Energy Commission staff was verifying that the energy delivery met the requirements of the *RPS Eligibility Guidebook, Third Edition,* it was discovered that the contract execution date of this claim occurred in 2011. Due to the requirement that generation cannot be applied to a year prior to when it was procured, this claim was determined to be ineligible to use for the RPS in 2009.

Table 21: Pilot Power Group, Inc. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**933,069**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	5,298
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**927,771**

Source: Pilot's 2011-2013 WREGIS Compliance Reports.

Pilot requested that the claim be counted as "withdrawn" instead of "ineligible" because the claim was made through WREGIS and the certificates could not be unretired. Although the claim

is not eligible for 2009, it is eligible to be claimed for reporting year 2011 or later (within the CPUC's 36 month retirement requirement). Pilot reported this claim for 2011, and the Energy Commission has verified the claim as RPS-eligible.

Pilot has claims counted as ineligible for the RPS because the claims were generated before the facility's RPS eligibility date. The facility has submitted a request to the Energy Commission's Executive Director to extend the certification application deadline. If this request is approved, the claims will be counted as RPS-eligible, and the results listed in Table 21 above will be updated.

Shell Energy North America L.P.

Table 22: Shell Energy North America L.P. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**2,921,751**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**2,921,751**

Source: Shell's 2011-2013 WREGIS Compliance Reports

Tiger Natural Gas, Inc.

Table 23: Tiger Natural Gas, Inc. Summary of RPS Claims

Overview of RPS Claims (MWh):	
Total RPS Claims Reported	**13,868**
Ineligible Claims:	
Amount ineligible because facility is not RPS-certified when RECs were created	
Amount ineligible because the claim was retired more than 36 months after the vintage of the RECs	
Amount ineligible due to double claiming of RECs	
Amount ineligible because facility exceeded fossil fuel usage limit or used ineligible fuel	
Amount ineligible because generation not reported through WREGIS	
Withdrawn Claims:	
Amount withdrawn by LSE	
Claims Eligible Toward the RPS	**13,868**

Source: TNG's 2011-2013 WREGIS Compliance Reports

CHAPTER 4: Verification Analysis

Energy Commission staff verifies RPS claims reported to the Energy Commission in WREGIS reports and CEC-RPS-Track forms. These claims represent the renewable energy that California's retail sellers have procured and retired for the RPS for the 2011-2013 compliance period. Data include information about the location, fuel type, and timing of the renewable energy. This chapter analyzes the RPS procurement claim data to demonstrate RPS-eligible procurement by resource type.

RPS-Eligible Procurement by Resource Type

Increasing the diversity of California's energy mix is an important goal of the RPS program.[21] The list of renewable resources eligible for the RPS during the 2011-2013 compliance period is available in the *RPS Eligibility Guidebook, Seventh Edition* (page 8). Table shows the amount of renewable energy claimed by each IOU from the different renewable resources by year.[22] ESP and CCA amounts are not included in this table. There were no claims by IOUs for the following renewable resources during 2011-2013: biodiesel, fuel cell, water supply or conveyance system, incremental hydroelectric, municipal solid waste conversion, ocean thermal, ocean wave, and tidal current. Figure 1 shows the percentage of different resource types by year with the exception of conduit hydroelectric since it represented only 1 percent of the fuel mix in 2011 and 0 percent in both 2012 and 2013. Figure 2 shows total procurement from each resource type for all retail sellers, including ESPs and CCAs, for 2011-2013.

There was a diverse renewable resource mix used to satisfy retail sellers' RPS requirements during the first compliance period. Proportionally, the total amounts by fuel type have risen each year, with wind overtaking geothermal as the most used renewable fuel type in 2012 and 2013. Geothermal remains the second most used fuel type in these later years.[23]

21 Public Utilities Code Section 399.11.

22 For information about RPS procurement in 2001 and 2003-2004, see the *2006 RPS Procurement Verification Report*. For years 2005-2007 see the *2007 RPS Procurement Verification Report*.

23 More information on sector-specific summaries of California's progress toward a cleaner energy future can be found on the Energy Commission's Tracking Progress Web page at http://www.energy.ca.gov/renewables/tracking_progress/.

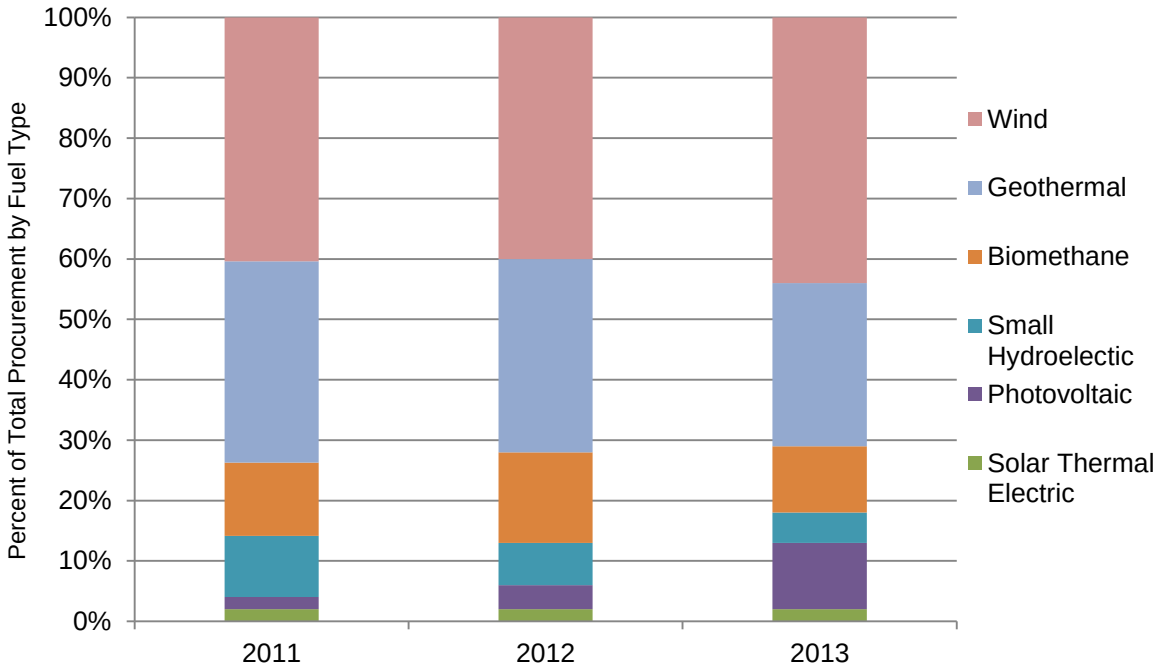
Table 24: 2011-2013 RPS-Eligible IOU Procurement by Resource Type (MWh)

	PG&E	SCE	SDG&E	PacifiCorp	Liberty Utilities	Total24
Biomass	3,145,817	350,752	353,605	41,149	0	3,891,323
Biomethane	104,823	500,739	213,121	0	0	1,637,366
Conduit Hydro	63,566	118,760	19,566	512	0	202,404
Digester Gas	0	0	0	0	0	0
Geothermal	3,779,254	7,218,450	782,976	4,522	120,574	11,905,776
Landfill Gas	44,388	5,637	0	234	0	50,259
MSW, Combustion	0	0	0	0	0	0
Photovoltaic	214,178	443,556	2,364	0	0	660,098
Small Hydro	2,686,736	801,277	0	62.005	0	3,550,018
Solar Thermal	0	889,067	0	0	0	889,067
Wind	4,677,535	4,866,506	1,404,869	82,870	0	11,031,598
2011 Total	**14,716,297**	**15,194,744**	**2,776,501**	**191,282**	**120,574**	**30,500,398**
Biomass	3,272,883	327,410	374,906	38,167	0	4,013,366
Biomethane	61,898	496,348	317,491	0	0	875,737
Conduit Hydro	50,637	18,057	23,272	502	0	92,468
Digester Gas	0	0	0	0	0	0
Geothermal	3,802,251	6,518,294	996,703	4,301	107,194	11,428,743
Landfill Gas	44,388	2,680	0	228	0	47,296
MSW, Combustion	118,758	0	0	0	0	118,758
Photovoltaic	1,170,937	440,711	3,264	0	0	1,614,912
Small Hydro	1,765,034	480,149	0	37,650	0	2,282,833
Solar Thermal	0	868,989	0	0	0	868,989
Wind	4,346,059	5,903,471	1,559,684	75,305	0	11,884,519
2012 Total	**14,630,647**	**15,056,109**	**3,275,320**	**156,603**	**107,194**	**33,225,873**
Biomass	3,157,878	0	19,988	48,004	0	3,225,870
Biomethane	43,281	483,850	104,364	0	0	631,495
Conduit Hydro	31,615	86,356	14,429	249	0	132,649
Digester Gas	0	0	0	0	0	0
Geothermal	3,680,251	6,640,771	349,835	3,823	111,278	10,785,958
Landfill Gas	39,290	0	0	0	0	39,290
MSW, Combustion	4,782	0	0	0	0	4,782
Photovoltaic	3,629,005	557,263	359,174	0	0	4,545,442
Small Hydro	1,524,525	294,765	0	28,063	0	1,847,353
Solar Thermal	20,468	680,237	0	0	0	700,705
Wind	4,901,579	7,100,586	2,237,095	49,657	0	14,288,917
2013 Total	**17,032,674**	**15,863,828**	**3,084,885**	**129,796**	**111,278**	**36,222,461**

Source: RPS staff analysis of 2011-2013 CEC-RPS-Track Forms and WREGIS reports

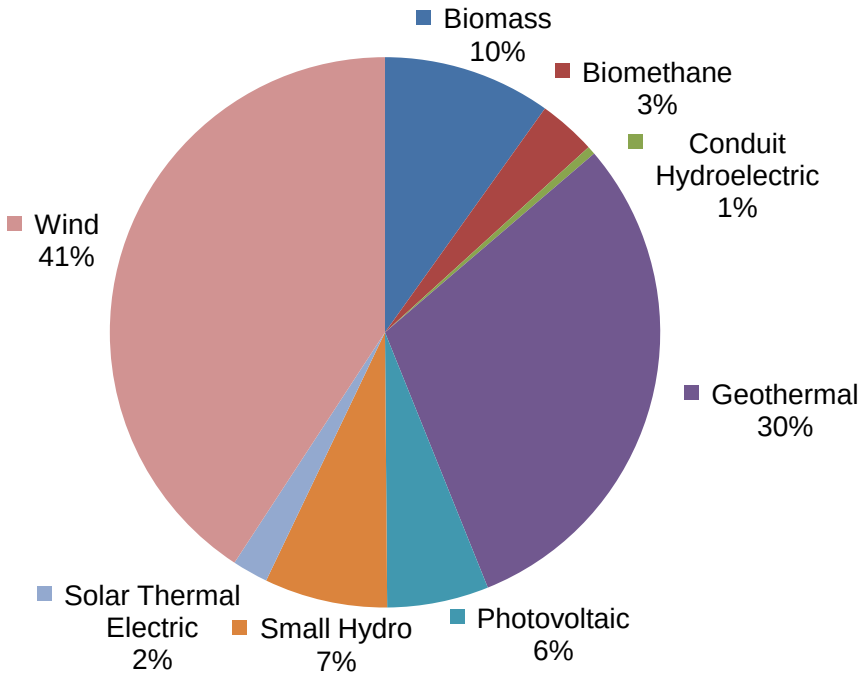
24 For the RPS-Eligible Procurement by Resource Type analysis, generation that was claimed in a year other than the year it was generated is included with the resource type for the year generated, not the year claimed.

Figure 1: Annual Procurement by Fuel Type for 2011 to 2013



Source: RPS staff analysis of 2011 2013 CEC RPS Track Forms and WREGIS reports

Figure 2: Total Procurement for Compliance Period 1 (2011 to 2013) by Fuel Type



Source: RPS staff analysis of 2011-2013 CEC-RPS-Track Forms and WREGIS reports

CHAPTER 5: Verification Limitations and Future

This chapter describes limitations associated with the Interim Tracking System (ITS) and describes how future verification efforts will change as a result of SB X1-2.

Limitations of the Interim Tracking System and Verification Process

This report presents Energy Commission staff's verified RPS procurement data results; however, some limitations should be noted.

The ITS restricts the extent to which the Energy Commission staff can cross-reference California RPS claims with REC claims made on the voluntary market and in other states. As discussed in Chapter 2, Energy Commission staff coordinated with staff from energy agencies in Oregon to cross-reference California RPS procurement with RPS claims made in their state. In addition, staff's ability to protect against double-counting is limited by reporting requirements and availability of data in each state. The transition from the ITS to WREGIS, however, has significantly reduced the risk of double-counting of California RPS claims.

Energy Commission staff also has limited information about specific purchases in which RECs are sold separately from the associated electricity. In other regulatory and nonregulatory markets, generators, marketers, or brokers may sell unbundled RECs (where the renewable component is sold as a separate commodity from the energy itself) to individuals, companies, utilities, or other organizations. The Energy Commission does not track these voluntary transactions but collaborates with Green-e Energy, one of the leading voluntary REC organizations.[25] As a result, Energy Commission staff is able to cross-check some, but not all, RPS claims with unbundled RECs sold in the voluntary market, since Green-e Energy does not certify the entire voluntary REC market.

The robustness of the ITS is also limited by the quality of the generation data that are provided. In some cases, the generation data[26] used for the analysis in this report are self-reported and not independently verified by third parties. WREGIS addresses this limitation because it tracks renewable energy transactions throughout the WECC and is, for the most part, supported by metered generation data from qualified reporting entities, rather than self-reported generation data. Retail sellers used WREGIS to report the vast majority of RPS claims for 2011-2013, while the POUs transitioned from the ITS to WREGIS during the 2011-2013 period.

25 Green-e Energy, a program of the Center for Resource Solutions, is an independent consumer protection program for the sale of renewable energy in the voluntary retail market. www.green-e.org/.

26 Generation data may be collected from the following sources: CEC-RPS-GEN form, EIA, requested meter data, and invoices.

A Microsoft Access® database was developed to allow for more accurate and efficient verification of RPS claims. When using the database, if a discrepancy is found in which the total annual claim amount appeared to exceed total annual generation from a facility, staff requested supporting information from the retail seller making the claim.

Following this approach, supporting information was requested and received from the retail sellers in all of these cases. In some instances, procurement claim amounts were adjusted downward to match the generation amount; in cases where the supporting data matched the claim, the claims were accepted.

While the Energy Commission recognizes the limitations of the ITS, it is important to point out that this verification report reflects staff's review of more than 2,390 RPS claims reported by retail sellers and checked against the POUs' RPS claims, RPS claims in other states, and entities participating in the voluntary REC market for 2011-2013. The method and results have benefited from public input, and staff believes they are as accurate as possible at this time.

Long-Term Verification

The *RPS Eligibility Guidebook, Seventh Edition,* clarified the RPS reporting requirements for retail sellers and POUs starting in 2011.[27] For retail sellers, the RECs retired for the reporting year must be reported to the Energy Commission by July 1 of the following year.

Because of the technical complexity of SB X1-2, the Energy Commission is developing a more robust, streamlined, and user-friendly RPS certification and verification/compliance online database system, which Energy Commission staff and LSEs will use for data submittal and analysis.

Outlook for Future Reports

The Energy Commission plans to verify RPS procurement claims annually for each year of a multiyear compliance period based on annual procurement data submitted by retail sellers and POUs for the preceding reporting year. The Energy Commission will verify whether RPS claims are consistent with the requirements of the current edition of the *RPS Eligibility Guidebook* and other applicable *RPS Eligibility Guidebooks.* For POUs, RPS claims must be consistent with the Energy Commission's regulations for *Enforcement Procedures for the RPS for POUs*. Staff will work with each retail seller and POU to verify the reported RPS claims. The Energy Commission will post the findings on its website.

Following the end of each compliance period, Energy Commission staff will combine the verification results of the intervening years with those for the final year of the compliance period and prepare RPS verification reports summarizing the results.

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27 See http://www.energy.ca.gov/2013publications/CEC-300-2013-005/CEC-300-2013-005-ED7-CMF.pdf Section V. Reporting Tracking Systems, Reporting and Verification.

The Energy Commission expects to prepare two RPS verification reports for each compliance period, one for retail sellers, the *RPS Retail Seller Verification Report,* and one for POUs, the *RPS POU Verification and Compliance Report*.

Glossary

AB — Assembly Bill – A chaptered bill that is part of the California Code that originated in the California State Assembly. To become law, an assembly bill must win majority approval in both the California State Assembly and the California State Senate. If the bill requires an appropriation or takes effect immediately, then it require 54 votes in the California State Assembly and 27 votes in the California State Senate to be passed. If both houses approve a bill, it then goes to the Governor. The Governor has three choices. The Governor can sign the bill into law, allow it to become law without his or her signature, or veto it. A Governor's veto can be overridden by a two-thirds vote in both houses. Most bills go into effect on the first day of January of the next year. Urgency measures take effect immediately after they are signed or allowed to become law without signature.

CCA — Community choice aggregator – As defined in Public Utilities Code Section 331.1, a *community choice aggregator* refers to any of the following entities, if that entity is not within the jurisdiction of a local publicly owned electric utility that provided electrical service as of January 1, 2003: any city, county, or city and county whose governing board elects to combine the loads of its residents, businesses, and municipal facilities in a communitywide electricity buyers' program or any group of cities, counties, or cities and counties whose governing boards have elected to combine the loads of their programs, through the formation of a joint powers agency established under Chapter 5 (commencing with Section 6500) of Division 7 of Title 1 of the Government Code.

CPUC — California Public Utilities Commission – an agency that regulates privately owned public utilities California, including electric power, telecommunications, natural gas, and water companies. Energy Commission and the California Public Utilities Commission staff have been designated as having special status to work collaboratively and participate in confidential deliberations concerning decision-making on the implementation of the Renewables Portfolio Standard.

DG — Distributed generation – a small-scale electricity generation facility that is interconnected to a distribution network and is generally 20 MW or smaller. DG facilities may serve on-site load or off-site load or both.

ESP — Electric service provider – as defined in Public Utilities Code Section 218.3, refers to an entity that offers electrical service to customers within the service territory of an electrical corporation but does not include an entity that offers electrical service solely to service customer load consistent with

Public Utilities Code Section 218, Subdivision (b), and does not include an electrical corporation or a public agency that offers electrical service to residential and small commercial customers within its jurisdiction, or within the service territory of a local publicly owned electric utility. An ESP includes the unregulated affiliates and subsidiaries of an electrical corporation.

FERC — Federal Energy Regulatory Commission – an independent agency that regulates the interstate transmission of natural gas, oil, and electricity.

ITS — Interim Tracking System – the process that the Energy Commission used to verify RPS procurement claims during the development of the Western Renewable Energy Generation Information System. This approach used available generation data to check against procurement claims and account for renewable energy procurement claims on the voluntary market and other renewable energy reporting programs, such as those in other states, and also used energy delivery documentation to verify Renewables Portfolio Standard claims from out-of-state.

IOU — Investor-owned utility – an electrical corporation, which for the purposes of the RPS, refers collectively to Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company.

kWh — Kilowatt hour – the most commonly used unit of measure telling the amount of electricity consumed over time. It means one kilowatt of electricity supplied for one hour. A typical California household consumes about 500 kWh in an average month.

LSE — Load-serving entity – an entity that provides electric service to end users and wholesale customers.

MJU — Multijurisdictional Utility – an electrical corporation with 60,000 or fewer customer accounts in California as of January 1, 2010, and that serves retail end-use customers outside California, is located in a control area that is not under the control of a California balancing authority, receives the majority of its electrical requirements from generating facilities located outside California, and is subject to the provisions of Public Utilities Code Section 399.17. Sierra Pacific Power and PacifiCorp are the only MJUs covered in this report.

MW — Megawatt – 1,000 kilowatts. One megawatt is about the amount of power required to meet the peak demand of a large hotel.

MWh — Megawatt hour – a unit of measure describing the amount of electricity consumed over time. It means 1 megawatt of electricity supplied for one hour. In 2014, two typical California households consume a combined total of about 1 MWh in an average month, and one household consumes about

0.56 MWh per month according to average monthly consumption data reported to the EIA.

PG&E — Pacific Gas and Electric Company – a California IOU that operates in the northern two-thirds of California. PG&E has reported renewable energy procurement to the Renewables Portfolio Standard program since 2001.

PURPA — Public Utilities Regulatory Policies Act – an act of Congress passed as part of the National Energy Act in 1978 to promote greater use of domestic renewable energy by requiring regulated electric utilities to buy power from other more efficient producers, if that cost was less than the utility's own "avoided cost" rate to the consumer. PURPA was amended in 2005 by the federal Energy Policy Act of 2005 by sections 1251 through 1254.

QF — Qualifying small power production facility – a facility eligible for certification under Section 292.207 of Title 18 of the Code of Federal Regulations.

REC — Renewable Energy Credit/Certificate – as defined in Public Utilities Code Section 399.12, Subdivision (h)(1), to mean a certificate of proof, issued through the accounting system established by the Energy Commission under Section 399.25, that one unit of electricity was generated and delivered by an eligible renewable energy resource. As specified in Section 399.12, Subdivision (h)(2), a REC includes all renewable and environmental attributes associated with the production of electricity from an eligible renewable energy resource, except for an emissions reduction credit issued under Section 40709 of the Health and Safety Code and any credits or payments associated with the reduction of solid waste and treatment benefits created by the use of biomass or biogas fuels. As specified in Section 399.12, Subdivision (h)(3), electricity generated by an eligible renewable energy resource attributable to the use of nonrenewable fuels, beyond a de minimis quantity, as determined by the Energy Commission, shall not result in the creation of a REC.

As defined by the CPUC in Decision D.08-08-028, a REC for compliance with the California Renewables Portfolio Standard is “a certificate of proof, issued through the Western Renewable Generation Information System [sic], that one megawatt-hour of electricity was generated by an RPS-eligible renewable energy resource and delivered for consumption by California end-use retail customers. A REC includes all renewable and environmental attributes associated with the production of electricity from the eligible renewable energy resource, including any avoided emission of pollutants to the air, soil or water; any avoided emissions of carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, or any other greenhouse gases that have been determined by the United

Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of global climate change; and the reporting rights to these avoided emissions, such as Green Tag reporting rights. A REC does not include any emissions reduction credit issued pursuant to § 40709 of the Health and Safety Code or any credits or payments associated with the reduction of solid waste or treatment benefits created by the utilization of biomass or biogas fuels. A REC also does not include any energy, capacity, reliability or other power attributes of the generation; any tax credits or other financial incentives in the form of credits, reductions, or allowances associated with the generation that are applicable to a state or federal income taxation obligation; any fuel-related subsidies or "tipping fees" or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits; or emission reduction credits (whether issued pursuant to § 40709 of the Health and Safety Code or any other authority) that are encumbered or used by the generator for compliance with local, state, or federal operating and/or air quality permits.

In accordance with Public Utilities Code Section 399.21, Subdivision (a)(4), no REC may be created based on any electricity generated pursuant to any contract with a California retail seller or a local publicly owned electric utility executed before January 1, 2005, unless the contract contains explicit terms and conditions specifying the ownership or disposition of the RECs. In accordance with Public Utilities Code Section 399.21, Subdivision (a)(4), a REC may not be created based on any electricity generated pursuant to a contract with a qualifying facility pursuant to the Public Utility Regulatory Policies Act of 1978 that was executed after January 1, 2005. A REC cannot be created with respect to electricity generated by an eligible renewable energy resource attributable to the use of nonrenewable fuels, beyond a *de minimis* quantity as determined by the CEC."

REP — Renewable Energy Program – a program implemented by the Energy Commission's Renewable Energy Office.

RPS — Renewables Portfolio Standard – California's Renewables Portfolio Standard as established in Public Utilities Code Section 399.11, et seq. and defined in Public Utilities Code Section 399.12, Subdivision (i), to mean the specified percentage of electricity generated by eligible renewable energy resources that a retail seller or local publicly owned electric utility is required to procure pursuant to Public Utilities Code Section 399.11 et seq. Under the RPS, a retail seller or local publicly owned electric utility must increase its total procurement of eligible renewable energy resources so that 33 percent of its retail sales are procured from eligible energy resources no later than December 31, 2020.

SB	—	Senate Bill – A chaptered bill that is part of the California Code that originated in the California State Senate. To become law, a senate bill must win majority approval in both the California State Senate and the California State Assembly. (See Assembly Bill above for more details on process)
SCE	—	Southern California Edison Company – a California IOU that is the primary electricity supply company for much of Southern California. SCE has reported renewable energy procurement to the RPS program since 2001.
SDG&E	—	San Diego Gas & Electric Company – a California IOU that provides natural gas and electricity to San Diego County and southern Orange County. SDG&E has reported renewable energy procurement to the RPS program since 2001.
SMJU	—	Small and Multijurisdictional Utility – an electrical corporation with 60,000 or fewer customer accounts in California as of January 1, 2010. Sierra Pacific Power and PacifiCorp are the only SMJUs covered in this report.
WECC	—	Western Electricity Coordinating Council – formed on April 18, 2002, by the merger of the Western Systems Coordinating Council, Southwest Regional Transmission Association, and Western Regional Transmission Association. WECC is responsible for coordinating and promoting electric system reliability, assuring open and nondiscriminatory transmission access among members, and providing a forum for resolving transmission access disputes.
WREGIS	—	Western Renewable Energy Generation Information System – The Western Governors' Association developed the WREGIS in association with the Energy Commission and using Energy Commission funding. WREGIS is an independent renewable energy tracking system for the region covered by the WECC. WREGIS electronically tracks RECs (WREGIS Certificates) representing renewable energy generation and, beginning with 2008 data, is used for RPS reporting and verification.

APPENDIX A:
Retail Sellers' Summary Claims Reports

Appendix A is the Individual Retail Sellers' Summary Claims Reports. It includes the retail sellers' 2011-2013 RPS claims reported on both WREGIS Reports and the CEC-RPS-Track forms. The Summary Claims Reports are listed in alphabetical order by retail seller type, with ESPs listed first, followed by SMJUs and IOUs.

The Summary Claims report includes an "Eligible Generation Amount" for facilities that reported generation data on a CEC-RPS-GEN or CEC-RPS-Multi-fuel form. These amounts were used for comparison with the RPS claims. In cases where the "Eligible Generation Amount" exceeds the "Annual Generation Claimed," Energy Commission staff requested and reviewed meter data or invoices from the retail seller. If total generation amounts shown on the meter data or invoices equaled or exceeded the RPS claim, the claim was accepted as RPS-eligible. In cases where the meter data or invoiced generation amounts did not support claim amount, Energy Commission staff determined that the portion of the claim amount in excess of the generation amount was ineligible for the RPS. (See Chapter 3.)

For ease of viewing, staff has provided the template below with footnotes explaining the headers for each column title in the tables that follow. This template was used for every retail seller.

2011-2013 RPS Summary Claims Report Template

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible

Column Definitions

A. Reporting Year: The year for which the generation claimed was retired for the RPS.

B. CEC RPS ID: The California Energy Commission assigns this RPS Certification identification number to the generating facility

C. Facility Name: The facility name as provided to the Energy Commission when the facility applied for certification.

D. Fuel Type: The primary renewable fuel type as provided to the Energy Commission when the facility applied for certification. In some cases, the fuel type may be different than, or not as specific as, what was reported in the WREGIS Compliance Report and/or CEC-RPS-Track form.

E. Vintage Year: The year that the generation claimed was generated.

F. Annual Generation Claimed (MWh): The procurement amount shown in this column is the amount reported by the LSE to the Energy Commission in the WREGIS Compliance Report and/or CEC-RPS-Track form for the facility for the vintage year and reporting year.

G. Eligible Generation Amount (MWh): The generation totals in this column are based on data supplied by the CEC-RPS-GEN form and CEC-RPS-Multifuel form that collect facility-level generation information or are the result of the Energy Commission's own determination using data reported on the CEC-RPS-Multifuel form.

H. Amount Ineligible or Withdrawn: This column lists the total ineligible or withdrawn amounts.

Table A-1: 3Phases Renewables, LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60107	Monterey Regional Waste Management District	Biomethane	2011	71		
2013	60721	White Creek Wind I	Wind	2011	6,000		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2012	5,803		
2013	60107	Monterey Regional Waste Management District	Biomethane	2012	1,544		
2013	61202	Juniper Canyon Wind Power	Wind	2012	9,926		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	5,000		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	11,687		
2013	60107	Monterey Regional Waste Management District	Biomethane	2013	858		
2013	60169	Nacimiento Dam	Small Hydro	2013	110		
2013	60195	Bailey Creek Ranch	Small Hydro	2013	833		
2013	60805	Glenrock I	Wind	2013	1,069		
2013	60899	High Plains	Wind	2013	1,032		
2013	61017	Campbell Hill - Three Buttes	Wind	2013	1,074		
2013	61188	Dunlap I	Wind	2013	1,209		
2013	61202	Juniper Canyon Wind Power	Wind	2013	11,628		
					57,844		

Table A-2: Calpine Power America-CA 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60004	Calpine Geothermal Unit 12	Geothermal	2011	129		
2011	60006	Calpine Geothermal Unit 16	Geothermal	2011	4,226		
2011	60007	Calpine Geothermal Unit 17	Geothermal	2011	4,364		
2011	60008	Calpine Geothermal Unit 18	Geothermal	2011	92,470		
2011	60009	Calpine Geothermal Unit 20	Geothermal	2011	4,272		
2011	60010	Sonoma/Calpine Geyser	Geothermal	2011	34,969		
2011	60026	Calpine Geothermal Unit 14	Geothermal	2011	8		
2011	60115	Aidlin Power Plant	Geothermal	2011	316		
2011	61064	Pastoria Energy Facility	Biomethane	2011	12,157		
2011	61200	Leaning Juniper Wind Power II	Wind	2011	50,000		
2012	60002	Calpine Geothermal Unit 5/6	Geothermal	2012	2,004		
2012	60003	Calpine Geothermal Unit 7-8	Geothermal	2012	1,029		
2012	60006	Calpine Geothermal Unit 16	Geothermal	2012	6,812		
2012	60008	Calpine Geothermal Unit 18	Geothermal	2012	46,382		
2012	60009	Calpine Geothermal Unit 20	Geothermal	2012	3,377		
2012	60010	Sonoma/Calpine Geyser	Geothermal	2012	22,567		
2012	60025	Calpine Geothermal Unit 11	Geothermal	2012	1		
2012	61064	Pastoria Energy Facility	Biomethane	2012	21,001		
2012	61200	Leaning Juniper Wind Power II	Wind	2012	20,054		
2012	61202	Juniper Canyon Wind Power	Wind	2012	28,866		
2012	61671	Manzana Wind	Wind	2012	14,232		
2012	61807	Pinyon Pines Wind I, LLC	Wind	2012	22,842		
2012	61808	Pinyon Pines Wind II, LLC	Wind	2012	16,959		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	15,781		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60007	Calpine Geothermal Unit 17	Geothermal	2013	2		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	39,155		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2013	5,825		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2013	19,128		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2013	19		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	50		
2013	60750	Wheat Field Wind Farm	Wind	2013	66,279		
2013	60866	Calabasas Landfill Gas-to-Energy Facility	Biomethane	2013	5,040	40,344	
2013	61360	Dokie Wind Energy Project	Wind	2013	7,856		
2013	62247	Quality Wind Project	Wind	2013	8,465		
					576,637		

Table A-3: Commerce Energy, Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60008	Calpine Geothermal Unit 18	Geothermal	2011	22,550		
2011	60721	White Creek Wind I	Wind	2011	2,160		
2011	60942	Cassia Gulch Facility	Wind	2011	13,529		
2011	60943	Cassia Wind Facility	Wind	2011	6,471		
2011	61064	Pastoria Energy Facility	Biomethane	2011	23,450		
2011	61200	Leaning Juniper Wind Power II	Wind	2011	20,840		
2012	60008	Calpine Geothermal Unit 18	Geothermal	2012	21,500		
2012	60009	Calpine Geothermal Unit 20	Geothermal	2012	81		
2012	60010	Sonoma/Calpine Geyser	Geothermal	2012	13,419		
2012	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2012	14,935		
2012	61090	Seneca Sustainable Energy, LLC	Biomass	2012	25,000	110,105	
2012	61360	Dokie Wind Energy Project	Wind	2012	65		
2013	60272	Community Renewable Energy Services Inc.	Biomass	2013	16,816		
2013	60652	Campo Verde Solar Project	Photovoltaic	2013	18,000		
2013	60750	Wheat Field Wind Farm	Wind	2013	145		
2013	60909	Geothermal 1, Unit 2	Geothermal	2013	501		
2013	60910	Geothermal 2, Unit 3	Geothermal	2013	487		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2013	7,651		
2013	61204	Biomass One, LP	Biomass	2012	50,000		
2013	61206	Ostrom Road Landfill Gas Project	Biomethane	2013	974		
2013	61360	Dokie Wind Energy Project	Wind	2013	147		
2013	61555	Pacific Wind, LLC	Wind	2013	8,680		
2013	61580	Spicer Meadow Project	Small Hydro	2013	440		
2013	61750	Stoney Gorge Powerhouse	Small Hydro	2013	2		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61751	Black Butte Powerhouse	Small Hydro	2013	5		
2013	61935	Grizzly Powerhouse	Small Hydro	2013	911		
2013	62006	Meadow Creek Project Company	Wind	2013	7,000		
2013	62247	Quality Wind Project	Wind	2013	241		
2013	62427	Neal Hot Springs Unit 1	Geothermal	2013	20,000		
					296,000		

Table A-4: Commercial Energy of California 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61200	Leaning Juniper Wind Power II	Wind	2011	1,000		
2013	60071	Tulloch Powerhouse	Small Hydro	2013	11,328		
2013	60072	Beardsley Powerhouse	Small Hydro	2013	2,172		
2013	61366	Farmers Irrigation District	Conduit Hydro	2013	2,000		
2013	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2013	2,039		
					18,539		

Table A-5: Constellation NewEnergy, Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60721	White Creek Wind I	Wind	2011	34,282		
2011	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2011	7,674		
2011	60944	Vansycle II Wind Energy Center	Wind	2011	52,692		
2011	61034	Elkhorn Valley Wind Farm	Wind	2011	46,508		
2011	61055	Tuana Springs Energy LLC	Wind	2011	17,717		
2011	61121	La Rosita 2	Digester Gas	2011	130,818	197,049	
2011	61200	Leaning Juniper Wind Power II	Wind	2011	25,000		
2011	61202	Juniper Canyon Wind Power	Wind	2011	25,000		
2011	61302	Arrowrock Hydroelectric Project	Small Hydro	2011	50,000		
2011	61409	High Desert Power Project	Landfill Gas	2011	46,846	850,851	
2012	60377	San Gorgonio 1 - Aldrich	Wind	2012	31,548		
2012	60379	San Gorgonio 2 - Buckwind	Wind	2012	47,742		
2012	60412	San Gorgonio 3 - Carter	Wind	2012	19,090		
2012	60424	San Gorgonio 4 - Renwind	Wind	2012	34,331		
2012	60428	San Gorgonio 5 - Triad	Wind	2012	25,860		
2012	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2012	16,399		
2012	61034	Elkhorn Valley Wind Farm	Wind	2012	100,000		
2012	61059	Coastal Energy Project, LLC	Wind	2012	15,101		
2012	61202	Juniper Canyon Wind Power	Wind	2012	50,000		
2012	61302	Arrowrock Hydroelectric Project	Small Hydro	2012	46,279		
2012	61613	Power County Wind Park North	Wind	2012	71,171		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	61614	Power County Wind Park South	Wind	2012	63,954		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2013	18,000		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2013	18,600		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	23,750		
2013	60029	Cellc 7.5 MW Tehachapi Wind Project	Wind	2013	2,455		
2013	60370	Mesa Wind Farm	Wind	2013	61		
2013	60377	San Gorgonio 1 - Aldrich	Wind	2013	25,164		
2013	60379	San Gorgonio 2 - Buckwind	Wind	2013	49,316		
2013	60412	San Gorgonio 3 - Carter	Wind	2013	14,521		
2013	60424	San Gorgonio 4 - Renwind	Wind	2013	31,703		
2013	60428	San Gorgonio 5 - Triad	Wind	2013	11,239		
2013	60431	AES Delano, Inc.	Biomass	2013	81,869		
2013	60481	MM San Diego Energy (Miramar)	Biomethane	2013	2,343	27,703	
2013	60552	MM Prima Deshecha Energy, LLC	Biomethane	2013	4,000		
2013	60562	Leaning Juniper	Wind	2012	95		
2013	60562	Leaning Juniper	Wind	2013	27,818		
2013	60564	Wolverine Creek	Wind	2012	10,043		
2013	60602	Klondike Wind Power III	Wind	2013	18,845		
2013	60652	Campo Verde Solar Project	Photovoltaic	2013	25,990		
2013	60690	Blue Lake Power LLC	Biomass	2013	13,567		
2013	60721	White Creek Wind I	Wind	2012	53,476		
2013	60721	White Creek Wind I	Wind	2013	134,419		
2013	60729	Marengo	Wind	2012	7,661		
2013	60729	Marengo	Wind	2013	32,488		
2013	60730	Marengo II	Wind	2012	2,165		
2013	60750	Wheat Field Wind Farm	Wind	2012	311		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60750	Wheat Field Wind Farm	Wind	2013	14,575		
2013	60790	AV Solar Ranch 1	Photovoltaic	2012	4,776		
2013	60790	AV Solar Ranch 1	Photovoltaic	2013	60,713		
2013	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2013	16,924		
2013	60804	Glenrock III	Wind	2012	12		
2013	60805	Glenrock I	Wind	2012	7,946		
2013	60805	Glenrock I	Wind	2013	30,472		
2013	60806	Rolling Hills	Wind	2012	9,435		
2013	60806	Rolling Hills	Wind	2013	33,990		
2013	60807	Seven Mile Hill I	Wind	2012	33		
2013	60807	Seven Mile Hill I	Wind	2013	32,261		
2013	60808	Seven Mile Hill II	Wind	2012	715		
2013	60819	Goodnoe Hills	Wind	2012	5,382		
2013	60819	Goodnoe Hills	Wind	2013	23,927		
2013	60857	Harvest Wind Project	Wind	2013	9,064		
2013	60896	McFadden Ridge	Wind	2012	1,784		
2013	60899	High Plains	Wind	2012	8,151		
2013	60899	High Plains	Wind	2013	29,170		
2013	60939	Sagebrush Power Partners, LLC	Wind	2012	57,713		
2013	60939	Sagebrush Power Partners, LLC	Wind	2013	279,845		
2013	60944	Vansycle II Wind Energy Center	Wind	2012	91,456		
2013	60944	Vansycle II Wind Energy Center	Wind	2013	26,118		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2012	43,586		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2013	10,205		
2013	61017	Campbell Hill - Three Buttes	Wind	2012	6,929		
2013	61017	Campbell Hill - Three Buttes	Wind	2013	29,627		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61034	Elkhorn Valley Wind Farm	Wind	2012	131,168		
2013	61034	Elkhorn Valley Wind Farm	Wind	2013	110,433		
2013	61059	Coastal Energy Project, LLC	Wind	2013	10,386		
2013	61090	Seneca Sustainable Energy, LLC	Biomass	2013	11,937	114,375	
2013	61147	Longview Washington Pulp and Paper Mill	Biomass	2012	5,656		
2013	61147	Longview Washington Pulp and Paper Mill	Biomass	2013	86,691	258,381	
2013	61188	Dunlap I	Wind	2012	21,544		
2013	61188	Dunlap I	Wind	2013	35,127		
2013	61199	Top of the World	Wind	2012	27,647		
2013	61199	Top of the World	Wind	2013	54,742		
2013	61302	Arrowrock Hydroelectric Project	Small Hydro	2013	48,972		
2013	61360	Dokie Wind Energy Project	Wind	2012	56,103		
2013	61360	Dokie Wind Energy Project	Wind	2013	71,200		
2013	61590	Catalina Solar	Photovoltaic	2013	8,913		
2013	61613	Power County Wind Park North	Wind	2013	59,953		
2013	61614	Power County Wind Park South	Wind	2013	12,976		
2013	61657	Tenaska Imperial Solar Energy Center South	Photovoltaic	2013	4,406		
2013	61671	Manzana Wind	Wind	2013	19,796		
2013	62247	Quality Wind Project	Wind	2013	4,020		
2013	62361	High Mesa Energy, LLC	Wind	2013	20,000		
					3,204,390		

Table A-6: Direct Energy Business, LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60008	Calpine Geothermal Unit 18	Geothermal	2011	16,097		
2011	60026	Calpine Geothermal Unit 14	Geothermal	2011	3		
2011	60071	Tulloch Powerhouse	Small Hydro	2011	105,164		
2011	60072	Beardsley Powerhouse	Small Hydro	2011	64,006		
2011	60721	White Creek Wind I	Wind	2011	23,000		
2011	60730	Marengo II	Wind	2011	2,281		
2011	60805	Glenrock I	Wind	2011	315		
2011	60806	Rolling Hills	Wind	2011	6,267		
2011	60857	Harvest Wind Project	Wind	2011	20,435		
2011	60892	Grayson Power Plant	Biomethane	2011	35,336	145,739	
2011	60896	McFadden Ridge	Wind	2011	3,588		
2011	60899	High Plains	Wind	2011	13,642		
2011	60915	Burley Butte Wind Park	Wind	2011	5,217		
2011	60916	Camp Reed Wind Park	Wind	2011	8,325		
2011	60917	Golden Valley Wind Park	Wind	2011	22,690		
2011	60919	Milner Dam Wind Park	Wind	2011	14,742		
2011	60921	Oregon Trail Wind Park	Wind	2011	10,004		
2011	60922	Payne's Ferry Wind Park	Wind	2011	24,696		
2011	60923	Pilgrim Stage Station Wind Park	Wind	2011	8,281		
2011	60924	Tuana Gulch Wind Park	Wind	2011	13,099		
2011	60925	Thousand Springs Wind Park	Wind	2011	15,225		
2011	60926	Yahoo Creek Wind Park	Wind	2011	11,594		
2011	60927	Salmon Falls Wind Park	Wind	2011	18,220		
2011	60939	Sagebrush Power Partners, LLC	Wind	2011	50,000		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60944	Vansycle II Wind Energy Center	Wind	2011	25,000		
2011	61017	Campbell Hill - Three Buttes	Wind	2011	2,286		
2011	61034	Elkhorn Valley Wind Farm	Wind	2011	44,000		
2011	61051	Bear Mountain Wind Park	Wind	2011	50,000		
2011	61064	Pastoria Energy Facility	Biomethane	2011	32,990		
2011	61147	Longview Washington Pulp and Paper Mill	Biomass	2011	25,477		
2011	61188	Dunlap I	Wind	2011	11,621		
2011	61200	Leaning Juniper Wind Power II	Wind	2011	1,000		
2011	61360	Dokie Wind Energy Project	Wind	2011	35,565		
2011	61366	Farmers Irrigation District	Conduit Hydro	2011	23,000		
2012	60004	Calpine Geothermal Unit 12	Geothermal	2012	55,000		
2012	60006	Calpine Geothermal Unit 16	Geothermal	2012	44,500		
2012	60007	Calpine Geothermal Unit 17	Geothermal	2012	60,920		
2012	60008	Calpine Geothermal Unit 18	Geothermal	2012	32,560		
2012	60009	Calpine Geothermal Unit 20	Geothermal	2012	25,440		
2012	60010	Sonoma/Calpine Geyser	Geothermal	2012	3,000		
2012	60026	Calpine Geothermal Unit 14	Geothermal	2012	47,500		
2012	60071	Tulloch Powerhouse	Small Hydro	2012	99,531		
2012	60072	Beardsley Powerhouse	Small Hydro	2012	33,598		
2012	60750	Wheat Field Wind Farm	Wind	2012	94,568		
2012	60857	Harvest Wind Project	Wind	2012	14,509		
2012	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2012	22,831		
2012	61360	Dokie Wind Energy Project	Wind	2012	93,092		
2013	60533	Clearwater Paper	Biomass	2012	12,381	400,196	
2013	60921	Oregon Trail Wind Park	Wind	2012	1,000		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	20,250		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	64,650		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2013	73,450		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	60,650		
2013	60600	Cape Scott Wind Farm	Wind	2013	26,443		
2013	60750	Wheat Field Wind Farm	Wind	2013	89,059		
2013	60857	Harvest Wind Project	Wind	2013	12,664		
2013	60944	Vansycle II Wind Energy Center	Wind	2013	15,000		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2013	43,237		
2013	61252	Nippon Paper Co-Generation	Biomass	2013	183	1,747	
2013	61360	Dokie Wind Energy Project	Wind	2013	150,878		
2013	62244	Alta Wind X Energy Center	Wind	2013	220		
2013	62245	Alta Wind XI Energy Center	Wind	2013	10,042		
2013	62247	Quality Wind Project	Wind	2013	175,719		
					2,126,041		

Table A-7: EDF Industrial Power Services (CA), Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61437	Garland Canal Hydroelectric Project	Conduit Hydro	2011	774		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	672		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2013	5,960		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	96		
2013	60497	Nine Mile HED	Small Hydro	2013	2,741		
2013	60498	Post Falls HED	Small Hydro	2013	2,415		
2013	60721	White Creek Wind I	Wind	2013	3,000		
2013	60908	Geothermal 1, Unit 1	Geothermal	2013	2,400		
2013	60909	Geothermal 1, Unit 2	Geothermal	2013	1,218		
2013	60911	Geothermal 2, Unit 4	Geothermal	2013	1,486		
2013	62427	Neal Hot Springs Unit 1	Geothermal	2013	2,915		
					23,677		

Table A-8: Gexa Energy California, LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60944	Vansycle II Wind Energy Center	Wind	2013	64,179		
2013	61378	Birch Creek Project	Small Hydro	2012	2,272		
2013	61380	Marsh Valley Project	Small Hydro	2012	1,569		
2013	61381	Dry Creek Project	Conduit Hydro	2012	998		
					69,018		

Table A-9: Glacial Energy of California, Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61437	Garland Canal Hydroelectric Project	Conduit Hydro	2011	7,000		
2013	60379	San Gorgonio 2 - Buckwind	Wind	2012	3,487		
2013	60412	San Gorgonio 3 - Carter	Wind	2012	131		
2013	60424	San Gorgonio 4 - Renwind	Wind	2012	6,382		
2013	60721	White Creek Wind I	Wind	2012	7,000		
2013	60919	Milner Dam Wind Park	Wind	2012	2,822		
2013	60925	Thousand Springs Wind Park	Wind	2012	3,120		
2013	60942	Cassia Gulch Facility	Wind	2012	73		
2013	60943	Cassia Wind Facility	Wind	2012	985		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	1,344		
2013	60721	White Creek Wind I	Wind	2013	3,500		
2013	60908	Geothermal 1, Unit 1	Geothermal	2013	5,000		
2013	60975	Chevron Casper Wind Farm	Wind	2013	100		
2013	61200	Leaning Juniper Wind Power II	Wind	2013	300		
2013	61202	Juniper Canyon Wind Power	Wind	2013	2,100		
					43,344		

Table A-10: Liberty Power Holdings LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60498	Post Falls HED	Small Hydro	2013	2,635		
2013	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2013	3,584	128,155	
2013	60721	White Creek Wind I	Wind	2013	14,200		
2013	62474	935149-CA	Photovoltaic	2013	27		
2013	62475	935142-CA	Photovoltaic	2013	8		
2013	62478	959121-CA	Photovoltaic	2013	17		
2013	62479	935137-CA	Photovoltaic	2013	38		
2013	62480	954059-CA	Photovoltaic	2013	38		
2013	62482	935146-CA	Photovoltaic	2013	40		
2013	62483	935034-CA	Photovoltaic	2013	1		
2013	62546	9561362-CA	Photovoltaic	2013	10		10
2013	62553	935033-CA	Photovoltaic	2013	18		18
2013	62555	9561361-CA	Photovoltaic	2013	7		7
2013	62556	9561359-CA	Photovoltaic	2013	23		23
2013	62611	954088-CA	Photovoltaic	2013	23		23
					20,669		**81**

Table A-11: Marin Clean Energy 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60596	SPI - Burlington	Biomass	2010	17,319		
2011	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2010	1,999		
2011	60994	Columbia Ridge Landfill Electric Generating Facility	Biomethane	2010	18,877		
2011	60776	Big Horn Wind Project	Wind	2011	6,203		
2011	60994	Columbia Ridge Landfill Electric Generating Facility	Biomethane	2011	924		
2011	61409	High Desert Power Project	Landfill Gas	2011	6,203	850,851	
2012	60596	SPI - Burlington	Biomass	2010	17,053		
2012	60596	SPI - Burlington	Biomass	2011	5,837	187,323	
2012	60776	Big Horn Wind Project	Wind	2011	7,271		
2012	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2011	9,460		
2012	60994	Columbia Ridge Landfill Electric Generating Facility	Biomethane	2011	16,348		
2012	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2012	3,000		
2012	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2012	12,000	110,685	
2012	60721	White Creek Wind I	Wind	2012	46,337		
2012	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2012	7,279		
2012	61202	Juniper Canyon Wind Power	Wind	2012	16,000		
2012	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2012	10,000		
2012	61632	Lincoln Landfill Power Plant	Biomethane	2012	4,388	17,469	
2012	62237	San Rafael Airport	Photovoltaic	2012	165	165	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60721	White Creek Wind I	Wind	2013	11,384		
2013	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2010	1,285		
2013	60596	SPI - Burlington	Biomass	2011	8,025	187,323	
2013	60776	Big Horn Wind Project	Wind	2011	13,094		
2013	60928	Combine Hills II	Wind	2011	33,901		
2013	60994	Columbia Ridge Landfill Electric Generating Facility	Biomethane	2011	7,430		
2013	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2012	10,000		
2013	60071	Tulloch Powerhouse	Small Hydro	2013	55,262		
2013	60072	Beardsley Powerhouse	Small Hydro	2013	18,738		
2013	60564	Wolverine Creek	Wind	2013	886		
2013	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2013	1,285		
2013	60804	Glenrock III	Wind	2013	704		
2013	60806	Rolling Hills	Wind	2013	1,259		
2013	60819	Goodnoe Hills	Wind	2013	1,114		
2013	60899	High Plains	Wind	2013	1,005		
2013	60923	Pilgrim Stage Station Wind Park	Wind	2013	1,609		
2013	60924	Tuana Gulch Wind Park	Wind	2013	4,869		
2013	60925	Thousand Springs Wind Park	Wind	2013	6,078		
2013	61200	Leaning Juniper Wind Power II	Wind	2013	34,044		
2013	61202	Juniper Canyon Wind Power	Wind	2013	14,956		
2013	61205	G2 Energy Hay Road Power Plant	Biomethane	2013	1,868		
2013	61206	Ostrom Road Landfill Gas Project	Biomethane	2013	3,913		
2013	61221	Double A Dairy Digester	Biomethane	2013	6,213		
2013	61375	Falls Creek Hydroelectric Project	Small Hydro	2013	12,039		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61378	Birch Creek Project	Small Hydro	2013	5,802		
2013	61380	Marsh Valley Project	Small Hydro	2013	924		
2013	61381	Dry Creek Project	Conduit Hydro	2013	466		
2013	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2013	22,000		
2013	61632	Lincoln Landfill Power Plant	Biomethane	2013	29,009		
2013	62237	San Rafael Airport	Photovoltaic	2013	1,807		
2013	62314	Mountain Air Projects	Wind	2013	18,747		
					536,379		

Table A-12: Noble Americas Energy Solutions LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2009	37,209		
2011	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2009	144,837		
2011	60725	Palos Verdes Gas-to-Energy Facility	Landfill Gas	2009	19,416		
2013	60601	El Dorado Powerhouse (Akin Powerhouse)	Small Hydro	2010	10,141		
2013	60520	Angels Unit	Conduit Hydro	2011	6,915		
2013	60521	Murphys Unit	Conduit Hydro	2011	17,872		
2013	60775	Spring Canyon Energy	Wind	2011	103,118		
2013	60816	Peetz Table Wind Energy Center	Wind	2011	378,502		
2013	60817	Logan Wind Energy	Wind	2011	409,484		
2013	60818	Twin Buttes Wind	Wind	2011	166,269		
2013	60822	Cedar Creek Wind Energy	Wind	2011	425,874		
2013	60866	Calabasas Landfill Gas-to-Energy Facility	Biomethane	2011	50,467	50,977	
2013	60897	Northern Colorado Wind II	Wind	2011	24,580		
2013	60898	Northern Colorado Wind 1	Wind	2011	257,148		
2013	60520	Angels Unit	Conduit Hydro	2012	5,773		
2013	60521	Murphys Unit	Conduit Hydro	2012	14,122		
2013	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2012	417		
2013	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2012	369	110,685	
2013	60775	Spring Canyon Energy	Wind	2012	93,305		
2013	60816	Peetz Table Wind Energy Center	Wind	2012	239,156		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60817	Logan Wind Energy	Wind	2012	168,713		
2013	60818	Twin Buttes Wind	Wind	2012	19,993		
2013	60822	Cedar Creek Wind Energy	Wind	2012	360,727		
2013	60866	Calabasas Landfill Gas-to-Energy Facility	Biomethane	2012	45,764	47,555	
2013	60898	Northern Colorado Wind 1	Wind	2012	93,281		
2013	61096	Red Mesa Wind	Wind	2012	6,000		
2013	61671	Manzana Wind	Wind	2012	137		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2013	28,800		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2013	21,180		
2013	60520	Angels Unit	Conduit Hydro	2013	4,644		
2013	60521	Murphys Unit	Conduit Hydro	2013	12,227		
2013	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2013	708		
2013	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2013	4,657	128,155	
2013	60750	Wheat Field Wind Farm	Wind	2013	3,101		
2013	60816	Peetz Table Wind Energy Center	Wind	2013	135,578		
2013	60817	Logan Wind Energy	Wind	2013	31,954		
2013	60822	Cedar Creek Wind Energy	Wind	2013	258,927		
2013	60857	Harvest Wind Project	Wind	2013	16,390		
2013	60866	Calabasas Landfill Gas-to-Energy Facility	Biomethane	2013	34,052	40,344	
2013	60898	Northern Colorado Wind 1	Wind	2013	27,505		
2013	60944	Vansycle II Wind Energy Center	Wind	2013	44,647		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2013	368		
2013	61096	Red Mesa Wind	Wind	2013	65,452		
2013	61360	Dokie Wind Energy Project	Wind	2013	36,371		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61384	Cedar Creek II	Wind	2013	121,169		
2013	61442	Cedar Point Wind	Wind	2013	202,026		
2013	62246	Limon Wind and Limon Wind II	Wind	2013	200,219		
2013	62247	Quality Wind Project	Wind	2013	86,432		
					4,435,996		

Table A-13: Pilot Power Group, Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2009	60745	Hopkins Ridge Wind Project	Wind	2009	43,000		
2011	60480	MM Lopez Energy LLC	Biomethane	2011	45,828		
2011	60505	Mid-Valley	Biomethane	2011	13,584		
2011	60506	Milliken	Biomethane	2011	12,025		
2011	60602	Klondike Wind Power III	Wind	2011	69,682		
2011	60857	Harvest Wind Project	Wind	2011	55,462		
2011	61064	Pastoria Energy Facility	Biomethane	2011	126,654		
2012	60010	Sonoma/Calpine Geyser	Geothermal	2012	22,809		
2012	60480	MM Lopez Energy LLC	Biomethane	2012	44,800		
2012	60505	Mid-Valley	Biomethane	2012	14,554		
2012	60506	Milliken	Biomethane	2012	12,063		
2012	60562	Leaning Juniper	Wind	2012	233		
2012	60602	Klondike Wind Power III	Wind	2012	63,956		
2012	60784	Cowiche Hydroelectric Project	Conduit Hydro	2012	116		
2012	60917	Golden Valley Wind Park	Wind	2012	165		
2012	60921	Oregon Trail Wind Park	Wind	2012	9,000		
2012	61048	Los Medanos Energy Center	Biomethane	2012	87,882		
2012	61064	Pastoria Energy Facility	Biomethane	2012	24,480		
2012	61245	PaTu Wind Farm LLC	Wind	2012	1,486		
2012	61357	Central Oregon Irrigation District Siphon Hydroelectric Project	Small Hydro	2012	3,420		
2012	61358	Central Oregon Irrigation District Juniper Ridge Hydroelectric Project	Conduit Hydro	2012	10,580		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61439	Opal Springs Hydro	Small Hydro	2011	30,051		5,298
2013	60496	Monroe Street HED	Small Hydro	2012	6,352		
2013	60497	Nine Mile HED	Small Hydro	2012	16,613		
2013	60498	Post Falls HED	Small Hydro	2012	9,263		
2013	60499	Upper Falls HED	Small Hydro	2012	7,772		
2013	61357	Central Oregon Irrigation District Siphon Hydroelectric Project	Small Hydro	2012	9,000		
2013	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2012	5,000		
2013	61437	Garland Canal Hydroelectric Project	Conduit Hydro	2012	10,184		
2013	61439	Opal Springs Hydro	Small Hydro	2012	20,816		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	3,029		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	1,625		
2013	60480	MM Lopez Energy LLC	Biomethane	2013	46,178		
2013	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2013	16,923		
2013	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2013	45,530	128,155	
2013	60899	High Plains	Wind	2013	369		
2013	61048	Los Medanos Energy Center	Biomethane	2013	37,012		
2013	61221	Double A Dairy Digester	Biomethane	2013	320		
2013	61378	Birch Creek Project	Small Hydro	2013	1,250		
2013	61380	Marsh Valley Project	Small Hydro	2013	1,293		
2013	61381	Dry Creek Project	Conduit Hydro	2013	2,710		
					933,069		**5,298**

Table A-14: Shell Energy North America L.P. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60071	Tulloch Powerhouse	Small Hydro	2009	1,363		
2011	60505	Mid-Valley	Biomethane	2009	4,478		
2011	60506	Milliken	Biomethane	2009	4,870		
2011	60721	White Creek Wind I	Wind	2009	17,899		
2011	60776	Big Horn Wind Project	Wind	2009	1,109		
2011	60776	Big Horn Wind Project	Wind	2010	92,455		
2011	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2010	148		
2011	60928	Combine Hills II	Wind	2010	93,920		
2011	60071	Tulloch Powerhouse	Small Hydro	2011	334		
2011	60072	Beardsley Powerhouse	Small Hydro	2011	13,150		
2011	60750	Wheat Field Wind Farm	Wind	2011	313		
2011	60776	Big Horn Wind Project	Wind	2011	925		
2011	60857	Harvest Wind Project	Wind	2011	2,664		
2011	60928	Combine Hills II	Wind	2011	1,350		
2011	61017	Campbell Hill - Three Buttes	Wind	2011	40,057		
2011	61121	La Rosita 2	Digester Gas	2011	65,545	197,049	
2011	61188	Dunlap I	Wind	2011	50,000		
2011	61409	High Desert Power Project	Landfill Gas	2011	39,037	850,851	
2011	63055	Biglow Canyon Wind Farm Phase 2	Wind	2011	62,047		
2011	60721	White Creek Wind I	Wind	2012	2,120		
2011	60806	Rolling Hills	Wind	2012	286		
2011	60896	McFadden Ridge	Wind	2012	1,791		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60899	High Plains	Wind	2012	5,402		
2011	61017	Campbell Hill - Three Buttes	Wind	2012	7,244		
2011	61188	Dunlap I	Wind	2012	4,448		
2011	61199	Top of the World	Wind	2012	30,829		
2011	61200	Leaning Juniper Wind Power II	Wind	2012	756		
2012	60721	White Creek Wind I	Wind	2010	15,674		
2012	60750	Wheat Field Wind Farm	Wind	2010	7,111		
2012	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2010	113		
2012	60857	Harvest Wind Project	Wind	2010	6,431		
2012	60928	Combine Hills II	Wind	2010	10,033		
2012	60776	Big Horn Wind Project	Wind	2011	125,000		
2012	61017	Campbell Hill - Three Buttes	Wind	2011	9,885		
2012	61199	Top of the World	Wind	2011	50,000		
2012	63055	Biglow Canyon Wind Farm Phase 2	Wind	2011	266		
2012	60596	SPI - Burlington	Biomass	2012	22,500	178,612	
2012	61200	Leaning Juniper Wind Power II	Wind	2012	63,168		
2012	61202	Juniper Canyon Wind Power	Wind	2012	57,576		
2013	60721	White Creek Wind I	Wind	2010	231,448		
2013	60750	Wheat Field Wind Farm	Wind	2010	192,556		
2013	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2010	629		
2013	60818	Twin Buttes Wind	Wind	2010	7,773		
2013	60857	Harvest Wind Project	Wind	2010	115,706		
2013	60928	Combine Hills II	Wind	2010	54,293		
2013	60721	White Creek Wind I	Wind	2011	226,917		
2013	60750	Wheat Field Wind Farm	Wind	2011	230,343		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60776	Big Horn Wind Project	Wind	2011	22,507		
2013	60857	Harvest Wind Project	Wind	2011	98,817		
2013	60928	Combine Hills II	Wind	2011	104,403		
2013	60776	Big Horn Wind Project	Wind	2012	175,000		
2013	60857	Harvest Wind Project	Wind	2012	11,610		
2013	60496	Monroe Street HED	Small Hydro	2013	5,000		
2013	60562	Leaning Juniper	Wind	2013	3,169		
2013	60596	SPI - Burlington	Biomass	2013	22,500	168,468	
2013	60721	White Creek Wind I	Wind	2013	58,411		
2013	60730	Marengo II	Wind	2013	2,172		
2013	60804	Glenrock III	Wind	2013	1,521		
2013	60805	Glenrock I	Wind	2013	3,704		
2013	60819	Goodnoe Hills	Wind	2013	2,879		
2013	60857	Harvest Wind Project	Wind	2013	38,739		
2013	60899	High Plains	Wind	2013	3,723		
2013	60974	H.W. Hill Landfill Gas Power Plant	Biomethane	2013	16,938		
2013	61017	Campbell Hill - Three Buttes	Wind	2013	6,165		
2013	61188	Dunlap I	Wind	2013	6,055		
2013	61200	Leaning Juniper Wind Power II	Wind	2013	130,385		
2013	61202	Juniper Canyon Wind Power	Wind	2013	53,971		
2013	61366	Farmers Irrigation District	Conduit Hydro	2013	13,980		
2013	61383	Middle Fork Irrigation District Hydro System	Small Hydro	2013	20		
2013	61437	Garland Canal Hydroelectric Project	Conduit Hydro	2013	9,300		
2013	61439	Opal Springs Hydro	Small Hydro	2013	19,000		
2013	62288	Palouse Wind	Wind	2013	17,820		
2013	63055	Biglow Canyon Wind Farm Phase 2	Wind	2013	112,923		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	63056	Biglow Canyon Wind Farm Phase 3	Wind	2013	9,077		
					2,921,751		

Table A-15: Tiger Natural Gas, Inc. 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60006	Calpine Geothermal Unit 16	Geothermal	2011	1,100		
2012	60008	Calpine Geothermal Unit 18	Geothermal	2012	2,061		
2012	61064	Pastoria Energy Facility	Biomethane	2012	4,048		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	619		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2013	5,040		
2013	60923	Pilgrim Stage Station Wind Park	Wind	2013	1,000		
					13,868		

Table A-16: Bear Valley Electric Service 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60725	Palos Verdes Gas-to-Energy Facility	Landfill Gas	2011	2,231	12,998	
2012	60694	Klondike Wind Power IIIA	Wind	2011	4,584		
2012	60725	Palos Verdes Gas-to-Energy Facility	Landfill Gas	2011	10,827	12,998	60
2012	61088	Bennett Creek Windfarm, LLC	Wind	2011	6,066		
2012	61200	Leaning Juniper Wind Power II	Wind	2011	15,250		
2012	61200	Leaning Juniper Wind Power II	Wind	2012	53,037		
2012	61200	Leaning Juniper Wind Power II	Wind	2013	3,228		
2012	61202	Juniper Canyon Wind Power	Wind	2012	9,019		
2013	61200	Leaning Juniper Wind Power II	Wind	2012	24,419		
2013	61202	Juniper Canyon Wind Power	Wind	2012	341		
2013	61202	Juniper Canyon Wind Power	Wind	2013	3,487		
					132,489		**60**

Table A-17: Liberty Utilities (CalPeco Electric) LLC 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60764	Galena 3	Geothermal	2011	120,574	173,700	
2012	60675	Steamboat 3	Geothermal	2012	53,009	92,341	
2012	60676	Steamboat 2	Geothermal	2012	50,235	82,380	
2012	60764	Galena 3	Geothermal	2011	3,950	173,700	
2013	60675	Steamboat 3	Geothermal	2013	57,310		
2013	60676	Steamboat 2	Geothermal	2013	53,720		
2013	60677	Beowawe Power, LLC	Geothermal	2013	248		
					339,046		

Table A-18: PacifiCorp 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60501	Weed Cogeneration Plant	Biomass	2011	39,616	49,626	
2011	60507	Clearwater 1	Small Hydro	2011	707		
2011	60508	Clearwater 2	Small Hydro	2011	916		
2011	60509	Eagle Point	Conduit Hydro	2011	301		
2011	60510	RFP Dillard Powerhouse	Biomass	2011	1,533	104,964	
2011	60513	Fish Creek	Small Hydro	2011	751		
2011	60514	Prospect 3	Small Hydro	2011	759		
2011	60515	Slide Creek	Small Hydro	2011	604		
2011	60516	Soda Springs	Small Hydro	2011	1,154		
2011	60517	Wallowa Falls	Small Hydro	2011	128		
2011	60522	Bend	Small Hydro	2011	34		
2011	60530	Prospect 1	Small Hydro	2011	403		
2011	60531	Prospect 4	Small Hydro	2011	80		
2011	60537	Copco 1	Small Hydro	2011	1,839		
2011	60538	Copco 2	Small Hydro	2011	2,323		
2011	60539	Fall Creek	Small Hydro	2011	189		
2011	60540	Iron Gate	Small Hydro	2011	1,949		
2011	60561	Foote Creek 1	Wind	2011	1,026		
2011	60562	Leaning Juniper	Wind	2011	3,818		
2011	60563	Rock River 1	Wind	2011	2,213		
2011	60564	Wolverine Creek	Wind	2011	3,230		
2011	60578	Ashton	Small Hydro	2011	294		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60579	Big Fork	Small Hydro	2011	564		
2011	60581	Cutler	Small Hydro	2011	2,571		
2011	60582	Fountain Green	Small Hydro	2011	1		
2011	60583	Granite	Small Hydro	2011	136		
2011	60584	Gunlock	Small Hydro	2011	36		
2011	60585	Oneida	Small Hydro	2011	1,257		
2011	60586	Paris	Small Hydro	2011	51		
2011	60587	Pioneer	Small Hydro	2011	466		
2011	60588	Sand Cove	Small Hydro	2011	37		
2011	60589	Snake Creek	Small Hydro	2011	58		
2011	60590	Soda	Small Hydro	2011	572		
2011	60591	Stairs	Small Hydro	2011	120		
2011	60593	Veyo	Small Hydro	2011	22		
2011	60594	Viva Naughton	Small Hydro	2011	13		
2011	60595	Weber	Small Hydro	2011	388		
2011	60729	Marengo	Wind	2011	6,560		
2011	60730	Marengo II	Wind	2011	3,161		
2011	60777	Slate Creek	Small Hydro	2011	14,810		
2011	60778	Lake Siskiyou	Small Hydro	2011	25,829		
2011	60779	Ralphs Ranch	Conduit Hydro	2011	211		
2011	60780	Bogus Creek - Lower Cold Springs	Small Hydro	2011	453		
2011	60781	Bogus Creek - Upper Cold Springs	Small Hydro	2011	214		
2011	60782	Paul Luckey Hydro	Small Hydro	2011	253		
2011	60789	Hill Air Force Base	Landfill Gas	2011	234		
2011	60791	Last Chance	Small Hydro	2011	113		
2011	60792	Olmstead	Small Hydro	2011	736		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60804	Glenrock III	Wind	2011	2,117		
2011	60805	Glenrock I	Wind	2011	5,543		
2011	60806	Rolling Hills	Wind	2011	5,028		
2011	60807	Seven Mile Hill I	Wind	2011	6,207		
2011	60808	Seven Mile Hill II	Wind	2011	1,360		
2011	60811	Mountain Wind I	Wind	2011	3,033		
2011	60812	Mountain Wind II	Wind	2011	3,917		
2011	60819	Goodnoe Hills	Wind	2011	3,894		
2011	60820	Blundell I	Geothermal	2011	3,171		
2011	60821	Blundell II	Geothermal	2011	1,351		
2011	60896	McFadden Ridge	Wind	2011	1,668		
2011	60899	High Plains	Wind	2011	5,455		
2011	60975	Chevron Casper Wind Farm	Wind	2011	794		
2011	61017	Campbell Hill - Three Buttes	Wind	2011	5,851		
2011	61188	Dunlap I	Wind	2011	6,848		
2011	61199	Top of the World	Wind	2011	11,147		
2012	60777	Slate Creek	Small Hydro	2011	107		
2012	60778	Lake Siskiyou	Small Hydro	2011	1,068		
2012	60501	Weed Cogeneration Plant	Biomass	2012	38,617	38,616	
2012	60507	Clearwater 1	Small Hydro	2012	812		
2012	60508	Clearwater 2	Small Hydro	2012	867		
2012	60509	Eagle Point	Conduit Hydro	2012	287		
2012	60513	Fish Creek	Small Hydro	2012	686		
2012	60514	Prospect 3	Small Hydro	2012	601		
2012	60515	Slide Creek	Small Hydro	2012	1,547		
2012	60516	Soda Springs	Small Hydro	2012	809		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60517	Wallowa Falls	Small Hydro	2012	90		
2012	60522	Bend	Small Hydro	2012	54		
2012	60530	Prospect 1	Small Hydro	2012	327		
2012	60531	Prospect 4	Small Hydro	2012	61		
2012	60537	Copco 1	Small Hydro	2012	1,367		
2012	60538	Copco 2	Small Hydro	2012	1,752		
2012	60539	Fall Creek	Small Hydro	2012	167		
2012	60540	Iron Gate	Small Hydro	2012	1,614		
2012	60561	Foote Creek 1	Wind	2012	818		
2012	60562	Leaning Juniper	Wind	2012	3,057		
2012	60563	Rock River 1	Wind	2012	2,164		
2012	60564	Wolverine Creek	Wind	2012	2,858		
2012	60578	Ashton	Small Hydro	2012	32		
2012	60579	Big Fork	Small Hydro	2012	535		
2012	60581	Cutler	Small Hydro	2012	829		
2012	60583	Granite	Small Hydro	2012	103		
2012	60584	Gunlock	Small Hydro	2012	24		
2012	60585	Oneida	Small Hydro	2012	528		
2012	60586	Paris	Small Hydro	2012	39		
2012	60587	Pioneer	Small Hydro	2012	242		
2012	60588	Sand Cove	Small Hydro	2012	21		
2012	60590	Soda	Small Hydro	2012	321		
2012	60591	Stairs	Small Hydro	2012	77		
2012	60593	Veyo	Small Hydro	2012	16		
2012	60595	Weber	Small Hydro	2012	242		
2012	60729	Marengo	Wind	2012	5,744		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60730	Marengo II	Wind	2012	2,843		
2012	60777	Slate Creek	Small Hydro	2012	7,863		
2012	60778	Lake Siskiyou	Small Hydro	2012	14,518		
2012	60779	Ralphs Ranch	Conduit Hydro	2012	215		
2012	60780	Bogus Creek - Lower Cold Springs	Small Hydro	2012	580		
2012	60781	Bogus Creek - Upper Cold Springs	Small Hydro	2012	276		
2012	60782	Paul Luckey Hydro	Small Hydro	2012	282		
2012	60789	Hill Air Force Base	Landfill Gas	2012	228		
2012	60791	Last Chance	Small Hydro	2012	61		
2012	60792	Olmstead	Small Hydro	2012	307		
2012	60804	Glenrock III	Wind	2012	1,908		
2012	60805	Glenrock I	Wind	2012	5,036		
2012	60806	Rolling Hills	Wind	2012	4,677		
2012	60807	Seven Mile Hill I	Wind	2012	5,480		
2012	60808	Seven Mile Hill II	Wind	2012	1,162		
2012	60811	Mountain Wind I	Wind	2012	2,747		
2012	60812	Mountain Wind II	Wind	2012	3,648		
2012	60819	Goodnoe Hills	Wind	2012	3,542		
2012	60820	Blundell I	Geothermal	2012	2,991		
2012	60821	Blundell II	Geothermal	2012	1,310		
2012	60896	McFadden Ridge	Wind	2012	1,518		
2012	60899	High Plains	Wind	2012	5,059		
2012	60975	Chevron Casper Wind Farm	Wind	2012	733		
2012	61017	Campbell Hill - Three Buttes	Wind	2012	5,446		
2012	61188	Dunlap I	Wind	2012	6,213		
2012	61199	Top of the World	Wind	2012	10,652		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60501	Weed Cogeneration Plant	Biomass	2013	48,004	48,004	
2013	60507	Clearwater 1	Small Hydro	2013	576		
2013	60508	Clearwater 2	Small Hydro	2013	600		
2013	60509	Eagle Point	Conduit Hydro	2013	249		
2013	60513	Fish Creek	Small Hydro	2013	240		
2013	60514	Prospect 3	Small Hydro	2013	515		
2013	60515	Slide Creek	Small Hydro	2013	810		
2013	60516	Soda Springs	Small Hydro	2013	698		
2013	60517	Wallowa Falls	Small Hydro	2013	81		
2013	60522	Bend	Small Hydro	2013	29		
2013	60530	Prospect 1	Small Hydro	2013	317		
2013	60531	Prospect 4	Small Hydro	2013	64		
2013	60537	Copco 1	Small Hydro	2013	1,030		
2013	60538	Copco 2	Small Hydro	2013	1,275		
2013	60539	Fall Creek	Small Hydro	2013	150		
2013	60540	Iron Gate	Small Hydro	2013	1,301		
2013	60561	Foote Creek 1	Wind	2013	493		
2013	60562	Leaning Juniper	Wind	2013	2,562		
2013	60563	Rock River 1	Wind	2013	1,426		
2013	60564	Wolverine Creek	Wind	2013	1,830		
2013	60578	Ashton	Small Hydro	2013	527		
2013	60579	Big Fork	Small Hydro	2013	460		
2013	60581	Cutler	Small Hydro	2013	509		
2013	60583	Granite	Small Hydro	2013	86		
2013	60584	Gunlock	Small Hydro	2013	16		
2013	60585	Oneida	Small Hydro	2013	434		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60586	Paris	Small Hydro	2013	21		
2013	60587	Pioneer	Small Hydro	2013	118		
2013	60588	Sand Cove	Small Hydro	2013	13		
2013	60590	Soda	Small Hydro	2013	247		
2013	60591	Stairs	Small Hydro	2013	60		
2013	60593	Veyo	Small Hydro	2013	12		
2013	60595	Weber	Small Hydro	2013	137		
2013	60729	Marengo	Wind	2013	3,795		
2013	60730	Marengo II	Wind	2013	1,779		
2013	60777	Slate Creek	Small Hydro	2013	5,483		
2013	60778	Lake Siskiyou	Small Hydro	2013	10,837		
2013	60780	Bogus Creek - Lower Cold Springs	Small Hydro	2013	582		
2013	60781	Bogus Creek - Upper Cold Springs	Small Hydro	2013	372		
2013	60782	Paul Luckey Hydro	Small Hydro	2013	287		
2013	60791	Last Chance	Small Hydro	2013	50		
2013	60792	Olmstead	Small Hydro	2013	126		
2013	60804	Glenrock III	Wind	2013	1,241		
2013	60805	Glenrock I	Wind	2013	3,295		
2013	60806	Rolling Hills	Wind	2013	3,033		
2013	60807	Seven Mile Hill I	Wind	2013	3,666		
2013	60808	Seven Mile Hill II	Wind	2013	787		
2013	60811	Mountain Wind I	Wind	2013	1,745		
2013	60812	Mountain Wind II	Wind	2013	2,386		
2013	60819	Goodnoe Hills	Wind	2013	2,724		
2013	60820	Blundell I	Geothermal	2013	2,681		
2013	60821	Blundell II	Geothermal	2013	1,142		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60896	McFadden Ridge	Wind	2013	1,086		
2013	60899	High Plains	Wind	2013	3,539		
2013	60975	Chevron Casper Wind Farm	Wind	2013	451		
2013	61017	Campbell Hill - Three Buttes	Wind	2013	3,460		
2013	61188	Dunlap I	Wind	2013	4,190		
2013	61199	Top of the World	Wind	2013	6,169		
					477,691		

Table A-19: Pacific Gas and Electric Company 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60002	Calpine Geothermal Unit 5/6	Geothermal	2011	640,036		
2011	60003	Calpine Geothermal Unit 7-8	Geothermal	2011	559,113		
2011	60004	Calpine Geothermal Unit 12	Geothermal	2011	159,110		
2011	60005	Calpine Geothermal Unit 13	Geothermal	2011	468,040		
2011	60006	Calpine Geothermal Unit 16	Geothermal	2011	14,689		
2011	60007	Calpine Geothermal Unit 17	Geothermal	2011	500		
2011	60008	Calpine Geothermal Unit 18	Geothermal	2011	6,258		
2011	60009	Calpine Geothermal Unit 20	Geothermal	2011	230,354		
2011	60010	Sonoma/Calpine Geyser	Geothermal	2011	155,041		
2011	60025	Calpine Geothermal Unit 11	Geothermal	2011	466,045		
2011	60026	Calpine Geothermal Unit 14	Geothermal	2011	6,986		
2011	60030	Diablo Winds, LLC	Wind	2011	61,072		
2011	60032	A.G. Wishon PH	Small Hydro	2011	87,917		
2011	60033	Alta PH	Small Hydro	2011	3,568		
2011	60034	Centerville PH	Small Hydro	2011	1,611		
2011	60035	Chili Bar PH	Small Hydro	2011	42,571		
2011	60037	Coleman PH	Small Hydro	2011	64,680		
2011	60038	Cow Creek PH	Small Hydro	2011	3,460		
2011	60039	Crane Valley PH	Small Hydro	2011	3,782		
2011	60040	Deer Creek PH	Small Hydro	2011	11,796		
2011	60041	De Sabla PH	Small Hydro	2011	96,636		
2011	60042	Dutch No. 1 PH	Small Hydro	2011	103,833		
2011	60043	Halsey PH	Small Hydro	2011	38,878		
2011	60044	Hamilton Branch PH	Small Hydro	2011	20,212		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60045	Hat Creek No. 1 PH	Small Hydro	2011	29,657		
2011	60046	Hat Creek No. 2 PH	Small Hydro	2011	41,395		
2011	60047	Inskip PH	Small Hydro	2011	40,652		
2011	60048	Kern Canyon PH	Small Hydro	2011	20,722		
2011	60049	Kilarc PH	Small Hydro	2011	17,394		
2011	60050	Lime Saddle PH	Small Hydro	2011	5,862		
2011	60051	Merced Falls PH	Small Hydro	2011	16,761		
2011	60052	Narrows No. 1 PH	Small Hydro	2011	71,650		
2011	60053	Newcastle PH	Small Hydro	2011	19,404		
2011	60054	Phoenix PH	Small Hydro	2011	11,205		
2011	60055	Potter Valley PH	Small Hydro	2011	32,931		
2011	60056	San Joaquin No. 1-A PH	Small Hydro	2011	1,868		
2011	60057	San Joaquin No. 2 PH	Small Hydro	2011	15,359		
2011	60058	San Joaquin No. 3 PH	Small Hydro	2011	16,141		
2011	60059	South PH	Small Hydro	2011	49,969		
2011	60060	Spaulding No. 1 PH	Small Hydro	2011	30,945		
2011	60061	Spaulding No. 2 PH	Small Hydro	2011	16,357		
2011	60062	Spaulding No. 3 PH	Small Hydro	2011	39,245		
2011	60063	Spring Gap PH	Small Hydro	2011	40,710		
2011	60064	Toadtown PH	Small Hydro	2011	5,871		
2011	60065	Tule PH	Small Hydro	2011	27,570		
2011	60066	Volta No. 1 PH	Small Hydro	2011	53,020		
2011	60067	Volta No. 2 PH	Small Hydro	2011	6,154		
2011	60068	West Point PH	Small Hydro	2011	94,871		
2011	60069	Wise No. 1 PH	Small Hydro	2011	60,645		
2011	60070	Wise No. 2 PH	Small Hydro	2011	2,651		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60073	Burney Forest Products	Biomass	2011	216,774	216,749	
2011	60074	Collins Pine Project	Biomass	2011	33,137		
2011	60076	DG Fairhaven Power Plant	Biomass	2011	117,397	117,228	
2011	60077	HL Power Company, California Limited Partnership	Biomass	2011	160,284		
2011	60078	Covanta Mendota	Biomass	2011	166,297		
2011	60080	Pacific-Ultrapower Chinese Station	Biomass	2011	136,315		
2011	60081	Ogden Power Pacific, Inc. (Mt Lsn)	Biomass	2011	32,860	32,861	
2011	60082	Pacific Oroville Power	Biomass	2011	118,535		
2011	60083	Eel River Power, LLC	Biomass	2011	95,126	117,090	
2011	60084	Rio Bravo Fresno	Biomass	2011	195,467	195,579	
2011	60085	Rio Bravo Rocklin	Biomass	2011	185,533	185,217	
2011	60086	SPI Anderson I	Biomass	2011	26,526	26,526	
2011	60087	SPI Burney	Biomass	2011	106,911	107,853	
2011	60088	SPI Lincoln	Biomass	2011	89,469	89,469	
2011	60089	SPI Quincy	Biomass	2011	160,225	160,225	
2011	60091	Thermal Energy	Biomass	2011	148,376	148,498	
2011	60092	Wadham Energy Limited Partnership	Biomass	2011	203,558		
2011	60094	Wheelabrator Shasta	Biomass	2011	391,261	391,354	
2011	60095	Woodland Biomass Power, Ltd.	Biomass	2011	179,507		
2011	60096	Waste Management Renewable Energy	Landfill Gas	2011	40,029		
2011	60100	Covanta Pacific Power (Stockton)	Landfill Gas	2011	4,359		
2011	60101	MWWTP Power Generation Station 1	Biomethane	2011	4,314	31,454	
2011	60102	Gas Recovery Systems - American Canyon	Biomethane	2011	4,407		
2011	60103	Gas Recovery System- Guadalupe	Biomethane	2011	17,475		
2011	60104	Gas Recovery Systems - Menlo Park	Biomethane	2011	7,202		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60105	Gas Recovery System- Newby Island II	Biomethane	2011	13,500		
2011	60107	Monterey Regional Waste Management District	Biomethane	2011	36,014		
2011	60110	Stanislaus Resource Recovery Facility	MSW, Combustion	2011	118,758	118,116	
2011	60111	Amedee Geothermal Venture I, a California Limited Partnership	Geothermal	2011	2,781		
2011	60112	Bear Canyon Power Plant	Geothermal	2011	102,764		
2011	60114	West Ford Flat Power Plant	Geothermal	2011	221,138		
2011	60115	Aidlin Power Plant	Geothermal	2011	131,865		
2011	60117	Calistoga Power Plant	Geothermal	2011	522,265		
2011	60118	Altamont Midway	Wind	2011	9,530		
2011	60119	Altamont Pass Windplant (3-4)	Wind	2011	6,536		
2011	60120	Altamont Pass Windplant (4-4)	Wind	2011	28,716		
2011	60122	Altamont Pass Windplant (6-4)	Wind	2011	23,744		
2011	60124	Buena Vista Wind Farm	Wind	2011	96,257		
2011	60125	EDF Renewable Windfarm V, Inc. (10 MW)	Wind	2011	26,687		
2011	60126	Green Ridge Power LLC (100 MW-A)	Wind	2011	71,464		
2011	60128	Green Ridge Power LLC (100MW-C)	Wind	2011	8,935		
2011	60129	Green Ridge Power (100 MW-D)	Wind	2011	14,842		
2011	60130	Green Ridge Power (110 MW)	Wind	2011	187,832		
2011	60131	Green Ridge Power (23.8 MW)	Wind	2011	15,052		
2011	60133	Green Ridge Power (5.9 MW)	Wind	2011	10,235		
2011	60135	EDF Renewable Windfarm V, Inc. (70 MW - B)	Wind	2011	11,635		
2011	60136	EDF Renewable Windfarm V, Inc. (70 MW - C)	Wind	2011	24,374		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60137	EDF Renewable Windfarm V, Inc. (70 MW - D)	Wind	2011	944		
2011	60138	Green Ridge Power (70 MW)	Wind	2011	69,709		
2011	60139	International Turbine Research	Wind	2011	23,915		
2011	60140	Northpoint Energy	Wind	2011	12,735		
2011	60141	Patterson Pass Windfarm	Wind	2011	31,047		
2011	60142	Forebay Wind LLC - Altech	Wind	2011	4,514		
2011	60144	Forebay Wind LLC - Seawest	Wind	2011	51		
2011	60145	Forebay Wind LLC - Taxvest	Wind	2011	560		
2011	60146	Forebay Wind LLC - Viking	Wind	2011	1,325		
2011	60147	Forebay Wind LLC - Western	Wind	2011	2,116		
2011	60151	Wolfsen Bypass	Small Hydro	2011	1,141		
2011	60152	Baker Station Hydroelectric	Small Hydro	2011	3,078		
2011	60154	Montgomery Creek Hydro	Small Hydro	2011	11,402		
2011	60155	Far West Power	Small Hydro	2011	121		
2011	60156	Friant Kern	Small Hydro	2011	118,078		
2011	60157	Haypress Hydroelectric LWR	Small Hydro	2011	14,373		
2011	60158	Haypress Hydroelectric MDDL	Small Hydro	2011	15,352		
2011	60159	Humboldt Bay Muni Water Dist.	Small Hydro	2011	6,068		
2011	60160	Hypower, Inc.	Small Hydro	2011	56,325		
2011	60161	Indian Vly Hydro Elec Ptrn.	Small Hydro	2011	4,293		
2011	60162	Kern Hydro Partners (Olcese)	Small Hydro	2011	52,130		
2011	60163	Madera Chowchilla	Small Hydro	2011	4,353		
2011	60164	Muck Valley Hydroelectric Project	Small Hydro	2011	104,991		
2011	60165	Bidwell Ditch Project	Small Hydro	2011	9,832		
2011	60166	Hatchet Creek Project	Small Hydro	2011	25,033		
2011	60167	Roaring Creek Project	Small Hydro	2011	8,614		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60168	Merced ID (Parker)	Small Hydro	2011	7,913		
2011	60169	Nacimiento Dam	Small Hydro	2011	17,684		
2011	60170	Nelson Creek Power	Small Hydro	2011	4,014		
2011	60171	Bowman Powerhouse	Small Hydro	2011	17,882		
2011	60172	Combie South Powerhouse	Small Hydro	2011	7,414		
2011	60173	Scotts Flat Powerhouse	Small Hydro	2011	4,827		
2011	60175	Olsen Power Partners	Small Hydro	2011	16,018		
2011	60176	Rock Creek	Small Hydro	2011	5,876		
2011	60177	Burney Creek	Small Hydro	2011	8,093		
2011	60178	Cove Hydroelectric	Small Hydro	2011	20,022		
2011	60179	Lost Creek 1	Small Hydro	2011	4,821		
2011	60180	Lost Creek 2	Small Hydro	2011	2,402		
2011	60181	Ponderosa Bailey Creek	Small Hydro	2011	3,709		
2011	60183	South San Joaquin ID (Frankenheimer)	Small Hydro	2011	14,532		
2011	60184	South San Joaquin ID (Woodward)	Small Hydro	2011	5,451		
2011	60185	STS Hydropower (Kanaka)	Small Hydro	2011	3,074		
2011	60186	STS Hydropower Ltd. (Kekawaka)	Small Hydro	2011	8,877		
2011	60187	TKO Power (South Bear Creek)	Small Hydro	2011	7,456		
2011	60188	Sand Bar Power Plant	Small Hydro	2011	130,734		
2011	60189	Deadwood Creek	Small Hydro	2011	5,423		
2011	60190	City Of Watsonville	Biomethane	2011	87	2,709	
2011	60191	Langerwerf Dairy	Biomethane	2011	60		
2011	60193	Wendel Energy Operations I, LLC	Geothermal	2011	3,830		
2011	60194	Arbuckle Mountain Hydro	Small Hydro	2011	459		
2011	60195	Bailey Creek Ranch	Small Hydro	2011	2,090		
2011	60196	Wright Ranch Hydroelectric	Small Hydro	2011	14		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60197	Browns Valley ID	Small Hydro	2011	4,882		
2011	60198	Calaveras Yuba Hydro #1	Conduit Hydro	2011	299		
2011	60199	Calaveras Yuba Hydro #2	Conduit Hydro	2011	321		
2011	60200	Calaveras Yuba Hydro #3	Conduit Hydro	2011	150		
2011	60201	Canal Creek Power Plant	Small Hydro	2011	2,227		
2011	60202	Charcoal Ravine	Small Hydro	2011	45		
2011	60206	Digger Creek Ranch	Small Hydro	2011	3,892		
2011	60207	EJM McFadden	Small Hydro	2011	371		
2011	60208	Eagle Hydro	Small Hydro	2011	3,030		
2011	60209	Eric and Debbie Watternburg	Small Hydro	2011	320		
2011	60210	Fairfield Power Plant (Papazian)	Small Hydro	2011	1,567		
2011	60211	Five Bears Hydroelectric	Small Hydro	2011	2,489		
2011	60214	Vecino Vineyards LLC	Small Hydro	2011	276		
2011	60215	Hat Creek Hereford Ranch	Small Hydro	2011	277		
2011	60216	Salmon Creek Hydroelectric Project	Small Hydro	2011	2,514		
2011	60217	Jackson Valley Irrigation District	Small Hydro	2011	1,093		
2011	60218	James B. Peter	Small Hydro	2011	157		
2011	60219	James Crane Hydro	Small Hydro	2011	10		
2011	60220	John Neerhout Jr.	Small Hydro	2011	31		
2011	60221	Kings River Hydro	Small Hydro	2011	1,267		
2011	60222	Lassen Station Hydroelectric	Small Hydro	2011	3,559		
2011	60223	Lofton Ranch	Small Hydro	2011	1,340		
2011	60224	Site 1174	Small Hydro	2011	2,299		
2011	60225	Site 1923	Small Hydro	2011	3,291		
2011	60226	Site 1302	Small Hydro	2011	1,022		
2011	60227	Mega Hydro #1 (Clover Creek)	Small Hydro	2011	5,357		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60228	Goose Valley Hydro	Small Hydro	2011	739		
2011	60229	Mega Renewables (Silver Springs)	Small Hydro	2011	2,668		
2011	60230	Mill and Sulphur Creek Project	Small Hydro	2011	1,869		
2011	60232	Orange Cove Irrigation District - Friant Fishwater Release Hydroelectric Fa	Small Hydro	2011	3,515		
2011	60234	Placer County Water Agency	Small Hydro	2011	4,185		
2011	60236	Rock Creek Water District	Small Hydro	2011	1,301		
2011	60237	Santa Clara Valley Water Dist.	Small Hydro	2011	2,201		
2011	60238	Schaads Hydro	Small Hydro	2011	672		
2011	60239	Shamrock Utilities (Cedar Flat)	Small Hydro	2011	1,484		
2011	60240	Shamrock Utilities (Clover Leaf)	Small Hydro	2011	1,069		
2011	60242	Sierra Energy	Small Hydro	2011	266		
2011	60243	Vanjop	Small Hydro	2011	439		
2011	60246	Sutter's Mill	Small Hydro	2011	822		
2011	60247	Swiss America	Small Hydro	2011	200		
2011	60249	Tom Benninghoven	Small Hydro	2011	89		
2011	60250	Water Wheel Ranch	Small Hydro	2011	3,925		
2011	60251	Youth with a Mission/Spgs Of Lv Wat	Small Hydro	2011	76		
2011	60252	Yuba County Water Agency	Small Hydro	2011	1,087		
2011	60255	Villa Sorriso Solar	Photovoltaic	2011	2		
2011	60257	Donald R. Chenoweth	Wind	2011	6		
2011	60263	MID (McSwain)	Small Hydro	2011	54,309		
2011	60264	Dutch Flat #2 Powerhouse	Small Hydro	2011	100,162		
2011	60265	Rollins Powerhouse	Small Hydro	2011	77,625		
2011	60266	KELLY RIDGE POWERHOUSE	Small Hydro	2011	73,705		
2011	60267	Sly Creek Powerhouse	Small Hydro	2011	53,265		
2011	60268	PCWA (French Meadows)	Small Hydro	2011	92,557		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60269	PCWA (Oxbow)	Small Hydro	2011	36,329		
2011	60270	SID (Monticello)	Small Hydro	2011	27,098		
2011	60271	Etiwanda Small Conduit Hydroelectric Power Plant	Conduit Hydro	2011	56,491		
2011	60272	Community Renewable Energy Services Inc.	Biomass	2011	67,524	68,103	
2011	60273	Madera Power LLC	Biomass	2011	146,611	146,120	
2011	60274	Sierra Power Corporation	Biomass	2011	46,878		
2011	60276	Oak Flat PH	Small Hydro	2011	6,684		
2011	60471	Chowchilla II	Biomass	2011	32,351	32,353	
2011	60473	El Nido	Biomass	2011	20,861	20,848	
2011	60475	CalRENEW-1	Photovoltaic	2011	9,887		
2011	60488	Shiloh I Wind Project	Wind	2011	206,218		
2011	60502	Three Forks Water Power Project	Small Hydro	2011	7,844		
2011	60543	Montezuma Wind Energy Center	Wind	2011	93,354		
2011	60553	Rattlesnake Road Wind Farm	Wind	2011	237,895		
2011	60564	Wolverine Creek	Wind	2011	7,720		
2011	60567	Buckeye Power Plant	Conduit Hydro	2011	1,661		
2011	60568	Tunnel Hill Power Plant	Conduit Hydro	2011	2,483		
2011	60576	SPI - Sonora	Biomass	2011	5,279	5,278	
2011	60601	El Dorado Powerhouse (Akin Powerhouse)	Small Hydro	2011	105,352		
2011	60602	Klondike Wind Power III	Wind	2011	274,891		
2011	60604	Bottle Rock Power Plant	Geothermal	2011	88,085		
2011	60628	Castelanelli Bros Dairy	Biomethane	2011	1,179		
2011	60634	AT&T Park Solar Arrays	Photovoltaic	2011	157		
2011	60635	San Francisco Service Center Solar Array 1	Photovoltaic	2011	99		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60636	San Francisco Service Center Solar Array 2	Photovoltaic	2011	165		
2011	60639	Shiloh Wind Project 2, LLC	Wind	2011	419,955		
2011	60694	Klondike Wind Power IIIA	Wind	2011	194,529		
2011	60695	Mt. Poso Cogeneration Company, LLC	Biomass	2011	9,047	11,426	
2011	60712	Vantage Wind Energy Center	Wind	2011	290,970		
2011	60713	CM 10	Photovoltaic	2011	21,545		
2011	60721	White Creek Wind I	Wind	2011	58,290		
2011	60732	Ortigalita Power Co.	Biomass	2011	16		
2011	60741	Hatchet Ridge Wind	Wind	2011	277,194		
2011	60745	Hopkins Ridge Wind Project	Wind	2011	343,380		
2011	60746	Wild Horse Wind Project	Wind	2011	607,017		
2011	60758	Gateway Generating Station	Biomethane	2011	17,264		
2011	60786	CM 48	Photovoltaic	2011	108,242		
2011	60804	Glenrock III	Wind	2011	58,834		
2011	60805	Glenrock I	Wind	2011	105,415		
2011	60806	Rolling Hills	Wind	2011	138,030		
2011	60807	Seven Mile Hill I	Wind	2011	193,836		
2011	60808	Seven Mile Hill II	Wind	2011	38,483		
2011	60814	Combie North Powerhouse	Conduit Hydro	2011	2,129		
2011	60819	Goodnoe Hills	Wind	2011	112,882		
2011	60875	Mesquite Solar 1	Photovoltaic	2011	2,956		
2011	60894	Agua Caliente Solar	Photovoltaic	2011	200		
2011	60900	Big Creek Water Works	Small Hydro	2011	1,654		
2011	60912	Avenal Park	Photovoltaic	2011	5,625		
2011	60913	Sun City Project	Photovoltaic	2011	19,667		
2011	60914	Sand Drag	Photovoltaic	2011	17,917		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60966	Vaca Dixon Solar Station	Photovoltaic	2011	4,345		
2011	60970	SGE Site #1	Conduit Hydro	2011	2		
2011	61052	Santa Maria II LFG Power Plant	Biomethane	2011	2,967		
2011	61060	Stockton Cogen Facility	Biomass	2011	53,692	62,139	
2011	61069	Shiloh III Wind Project	Wind	2011	9,767		
2011	61148	Blake's Landing Farms, Inc.	Biomethane	2011	101		
2011	61289	MRWPCA Regional Treatment Plant	Biomethane	2011	253		
2011	61303	Cox Station Micro-Hydroelectric Project	Conduit Hydro	2011	30		
2011	61344	Vasco Winds Energy Center	Wind	2011	11,988		
2011	61432	Five Points Solar Station	Photovoltaic	2011	6,399		
2011	61433	Westside Solar Station	Photovoltaic	2011	9,209		
2011	61434	Stroud Solar Station	Photovoltaic	2011	7,652		
2012	60179	Lost Creek 1	Small Hydro	2011	307		
2012	60193	Wendel Energy Operations I, LLC	Geothermal	2011	354		
2012	60712	Vantage Wind Energy Center	Wind	2011	90		
2012	60741	Hatchet Ridge Wind	Wind	2011	59		
2012	61433	Westside Solar Station	Photovoltaic	2011	103		
2012	61434	Stroud Solar Station	Photovoltaic	2011	8		
2012	60002	Calpine Geothermal Unit 5/6	Geothermal	2012	669,831		
2012	60003	Calpine Geothermal Unit 7-8	Geothermal	2012	443,515		
2012	60004	Calpine Geothermal Unit 12	Geothermal	2012	38,982		
2012	60005	Calpine Geothermal Unit 13	Geothermal	2012	483,630		
2012	60006	Calpine Geothermal Unit 16	Geothermal	2012	33,652		
2012	60007	Calpine Geothermal Unit 17	Geothermal	2012	69		
2012	60008	Calpine Geothermal Unit 18	Geothermal	2012	330		
2012	60009	Calpine Geothermal Unit 20	Geothermal	2012	255,914		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60010	Sonoma/Calpine Geyser	Geothermal	2012	223,538		
2012	60025	Calpine Geothermal Unit 11	Geothermal	2012	583,248		
2012	60026	Calpine Geothermal Unit 14	Geothermal	2012	17,474		
2012	60030	Diablo Winds, LLC	Wind	2012	65,926		
2012	60032	A.G. Wishon PH	Small Hydro	2012	35,575		
2012	60033	Alta PH	Small Hydro	2012	3,790		
2012	60035	Chili Bar PH	Small Hydro	2012	24,022		
2012	60037	Coleman PH	Small Hydro	2012	48,960		
2012	60038	Cow Creek PH	Small Hydro	2012	4,223		
2012	60039	Crane Valley PH	Small Hydro	2012	976		
2012	60040	Deer Creek PH	Small Hydro	2012	20,754		
2012	60041	De Sabla PH	Small Hydro	2012	75,354		
2012	60042	Dutch No. 1 PH	Small Hydro	2012	106,438		
2012	60043	Halsey PH	Small Hydro	2012	38,623		
2012	60044	Hamilton Branch PH	Small Hydro	2012	11,027		
2012	60045	Hat Creek No. 1 PH	Small Hydro	2012	6,613		
2012	60046	Hat Creek No. 2 PH	Small Hydro	2012	38,655		
2012	60047	Inskip PH	Small Hydro	2012	36,578		
2012	60048	Kern Canyon PH	Small Hydro	2012	30,521		
2012	60049	Kilarc PH	Small Hydro	2012	14,916		
2012	60050	Lime Saddle PH	Small Hydro	2012	4,465		
2012	60051	Merced Falls PH	Small Hydro	2012	10,288		
2012	60052	Narrows No. 1 PH	Small Hydro	2012	86,094		
2012	60053	Newcastle PH	Small Hydro	2012	9,008		
2012	60054	Phoenix PH	Small Hydro	2012	8,518		
2012	60055	Potter Valley PH	Small Hydro	2012	21,213		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60056	San Joaquin No. 1-A PH	Small Hydro	2012	756		
2012	60057	San Joaquin No. 2 PH	Small Hydro	2012	3,952		
2012	60058	San Joaquin No. 3 PH	Small Hydro	2012	5,238		
2012	60059	South PH	Small Hydro	2012	40,198		
2012	60060	Spaulding No. 1 PH	Small Hydro	2012	28,308		
2012	60061	Spaulding No. 2 PH	Small Hydro	2012	14,962		
2012	60062	Spaulding No. 3 PH	Small Hydro	2012	27,002		
2012	60063	Spring Gap PH	Small Hydro	2012	20,626		
2012	60064	Toadtown PH	Small Hydro	2012	3,431		
2012	60065	Tule PH	Small Hydro	2012	12,565		
2012	60066	Volta No. 1 PH	Small Hydro	2012	32,637		
2012	60067	Volta No. 2 PH	Small Hydro	2012	2,988		
2012	60068	West Point PH	Small Hydro	2012	69,218		
2012	60069	Wise No. 1 PH	Small Hydro	2012	46,415		
2012	60070	Wise No. 2 PH	Small Hydro	2012	352		
2012	60073	Burney Forest Products	Biomass	2012	224,918	224,919	
2012	60074	Collins Pine Project	Biomass	2012	22,549		
2012	60076	DG Fairhaven Power Plant	Biomass	2012	126,921	126,921	
2012	60077	HL Power Company, California Limited Partnership	Biomass	2012	198,497	198,507	
2012	60078	Covanta Mendota	Biomass	2012	168,191		
2012	60080	Pacific-Ultrapower Chinese Station	Biomass	2012	143,892		
2012	60082	Pacific Oroville Power	Biomass	2012	95,417		
2012	60083	Eel River Power, LLC	Biomass	2012	121,578	134,925	
2012	60084	Rio Bravo Fresno	Biomass	2012	180,199	180,530	
2012	60085	Rio Bravo Rocklin	Biomass	2012	177,703	177,424	
2012	60086	SPI Anderson I	Biomass	2012	27,447	27,447	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60087	SPI Burney	Biomass	2012	114,553	115,475	
2012	60088	SPI Lincoln	Biomass	2012	106,515	107,706	
2012	60089	SPI Quincy	Biomass	2012	171,351	171,351	
2012	60091	Thermal Energy	Biomass	2012	127,036	127,036	
2012	60092	Wadham Energy Limited Partnership	Biomass	2012	183,462		
2012	60093	Anderson Plant, LLC	Biomass	2012	3,532	3,534	
2012	60094	Wheelabrator Shasta	Biomass	2012	401,851	401,851	
2012	60095	Woodland Biomass Power, Ltd.	Biomass	2012	183,382		
2012	60096	Waste Management Renewable Energy	Landfill Gas	2012	38,910		
2012	60100	Covanta Pacific Power (Stockton)	Landfill Gas	2012	2,762	18,649	
2012	60101	MWWTP Power Generation Station 1	Biomethane	2012	5,581	21,788	
2012	60102	Gas Recovery Systems - American Canyon	Biomethane	2012	4,502		
2012	60103	Gas Recovery System- Guadalupe	Biomethane	2012	15,023		
2012	60104	Gas Recovery Systems - Menlo Park	Biomethane	2012	5,682		
2012	60105	Gas Recovery System- Newby Island II	Biomethane	2012	10,526		
2012	60107	Monterey Regional Waste Management District	Biomethane	2012	10,485		
2012	60110	Stanislaus Resource Recovery Facility	MSW, Combustion	2012	4,782		
2012	60111	Amedee Geothermal Venture I, a California Limited Partnership	Geothermal	2012	2,068		
2012	60112	Bear Canyon Power Plant	Geothermal	2012	98,338		
2012	60114	West Ford Flat Power Plant	Geothermal	2012	221,400		
2012	60115	Aidlin Power Plant	Geothermal	2012	119,471		
2012	60117	Calistoga Power Plant	Geothermal	2012	536,435		
2012	60118	Altamont Midway	Wind	2012	7,706		
2012	60119	Altamont Pass Windplant (3-4)	Wind	2012	6,888		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60120	Altamont Pass Windplant (4-4)	Wind	2012	30,713		
2012	60122	Altamont Pass Windplant (6-4)	Wind	2012	25,232		
2012	60124	Buena Vista Wind Farm	Wind	2012	94,128		
2012	60125	EDF Renewable Windfarm V, Inc (10 MW)	Wind	2012	27,751		
2012	60126	Green Ridge Power LLC (100 MW-A)	Wind	2012	76,665		
2012	60128	Green Ridge Power LLC (100MW-C)	Wind	2012	4,856		
2012	60129	Green Ridge Power (100 MW-D)	Wind	2012	16,189		
2012	60130	Green Ridge Power (110 MW)	Wind	2012	170,754		
2012	60131	Green Ridge Power (23.8 MW)	Wind	2012	16,686		
2012	60133	Green Ridge Power (5.9 MW)	Wind	2012	11,093		
2012	60135	EDF Renewable Windfarm V, Inc (70 MW - B)	Wind	2012	21		
2012	60136	EDF Renewable Windfarm V, Inc (70 MW - C)	Wind	2012	10,771		
2012	60137	EDF Renewable Windfarm V, Inc (70 MW - D)	Wind	2012	1		
2012	60138	Green Ridge Power (70 MW)	Wind	2012	76,729		
2012	60139	International Turbine Research	Wind	2012	23,845		
2012	60140	Northpoint Energy	Wind	2012	8,056		
2012	60141	Patterson Pass Windfarm	Wind	2012	32,655		
2012	60142	Forebay Wind LLC - Altech	Wind	2012	3,241		
2012	60144	Forebay Wind LLC - Seawest	Wind	2012	37		
2012	60145	Forebay Wind LLC - Taxvest	Wind	2012	402		
2012	60146	Forebay Wind LLC - Viking	Wind	2012	950		
2012	60147	Forebay Wind LLC - Western	Wind	2012	1,519		
2012	60151	Wolfsen Bypass	Small Hydro	2012	1,435		
2012	60152	Baker Station Hydroelectric	Small Hydro	2012	4,064		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60154	Montgomery Creek Hydro	Small Hydro	2012	6,560		
2012	60155	Far West Power	Small Hydro	2012	239		
2012	60156	Friant Kern	Small Hydro	2012	56,006		
2012	60157	Haypress Hydroelectric LWR	Small Hydro	2012	7,062		
2012	60158	Haypress Hydroelectric MDDL	Small Hydro	2012	7,979		
2012	60159	Humboldt Bay Muni Water Dist	Small Hydro	2012	4,715		
2012	60160	Hypower, Inc.	Small Hydro	2012	32,246		
2012	60161	Indian Vly Hydro Elec Ptrn.	Small Hydro	2012	7,223		
2012	60162	Kern Hydro Partners (Olcese)	Small Hydro	2012	22,224		
2012	60163	Madera Chowchilla	Small Hydro	2012	2,774		
2012	60164	Muck Valley Hydroelectric Project	Small Hydro	2012	29,905		
2012	60165	Bidwell Ditch Project	Small Hydro	2012	9,672		
2012	60166	Hatchet Creek Project	Small Hydro	2012	12,967		
2012	60167	Roaring Creek Project	Small Hydro	2012	4,166		
2012	60168	Merced ID (Parker)	Small Hydro	2012	6,680		
2012	60169	Nacimiento Dam	Small Hydro	2012	9,012		
2012	60170	Nelson Creek Power	Small Hydro	2012	2,074		
2012	60171	Bowman Powerhouse	Small Hydro	2012	14,296		
2012	60172	Combie South Powerhouse	Small Hydro	2012	3,287		
2012	60173	Scotts Flat Powerhouse	Small Hydro	2012	4,192		
2012	60175	Olsen Power Partners	Small Hydro	2012	935		
2012	60176	Rock Creek	Small Hydro	2012	2,631		
2012	60177	Burney Creek	Small Hydro	2012	3,908		
2012	60178	Cove Hydroelectric	Small Hydro	2012	10,394		
2012	60179	Lost Creek 1	Small Hydro	2012	4,252		
2012	60180	Lost Creek 2	Small Hydro	2012	2,228		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60181	Ponderosa Bailey Creek	Small Hydro	2012	1,614		
2012	60183	South San Joaquin ID (Frankenheimer)	Small Hydro	2012	13,390		
2012	60184	South San Joaquin ID (Woodward)	Small Hydro	2012	4,233		
2012	60185	STS Hydropower (Kanaka)	Small Hydro	2012	1,633		
2012	60186	STS Hydropower Ltd. (Kekawaka)	Small Hydro	2012	8,450		
2012	60187	TKO Power (South Bear Creek)	Small Hydro	2012	3,278		
2012	60188	Sand Bar Power Plant	Small Hydro	2012	55,292		
2012	60189	Deadwood Creek	Small Hydro	2012	2,398		
2012	60190	City Of Watsonville	Biomethane	2012	65	2,304	
2012	60191	Langerwerf Dairy	Biomethane	2012	4		
2012	60193	Wendel Energy Operations I, LLC	Geothermal	2012	2,936		
2012	60194	Arbuckle Mountain Hydro	Small Hydro	2012	187		
2012	60195	Bailey Creek Ranch	Small Hydro	2012	1,422		
2012	60196	Wright Ranch Hydroelectric	Small Hydro	2012	29		
2012	60197	Browns Valley ID	Small Hydro	2012	2,858		
2012	60198	Calaveras Yuba Hydro #1	Conduit Hydro	2012	341		
2012	60199	Calaveras Yuba Hydro #2	Conduit Hydro	2012	335		
2012	60200	Calaveras Yuba Hydro #3	Conduit Hydro	2012	170		
2012	60201	Canal Creek Power Plant	Small Hydro	2012	1,313		
2012	60202	Charcoal Ravine	Small Hydro	2012	8		
2012	60206	Digger Creek Ranch	Small Hydro	2012	2,946		
2012	60207	EJM McFadden	Small Hydro	2012	141		
2012	60208	Eagle Hydro	Small Hydro	2012	747		
2012	60209	Eric and Debbie Watternburg	Small Hydro	2012	142		
2012	60210	Fairfield Power Plant (Papazian)	Small Hydro	2012	1,805		
2012	60211	Five Bears Hydroelectric	Small Hydro	2012	246		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60214	Vecino Vineyards LLC	Small Hydro	2012	152		
2012	60215	Hat Creek Hereford Ranch	Small Hydro	2012	251		
2012	60216	Salmon Creek Hydroelectric Project	Small Hydro	2012	1,883		
2012	60217	Jackson Valley Irrigation District	Small Hydro	2012	480		
2012	60218	James B. Peter	Small Hydro	2012	96		
2012	60219	James Crane Hydro	Small Hydro	2012	8		
2012	60220	John Neerhout Jr.	Small Hydro	2012	5		
2012	60221	Kings River Hydro	Small Hydro	2012	755		
2012	60222	Lassen Station Hydroelectric	Small Hydro	2012	2,135		
2012	60223	Lofton Ranch	Small Hydro	2012	966		
2012	60224	Site 1174	Small Hydro	2012	1,037		
2012	60225	Site 1923	Small Hydro	2012	829		
2012	60226	Site 1302	Small Hydro	2012	547		
2012	60227	Mega Hydro #1 (Clover Creek)	Small Hydro	2012	3,419		
2012	60228	Goose Valley Hydro	Small Hydro	2012	378		
2012	60229	Mega Renewables (Silver Springs)	Small Hydro	2012	1,622		
2012	60230	Mill and Sulphur Creek Project	Small Hydro	2012	1,615		
2012	60232	Orange Cove Irrigation District - Friant Fishwater Release Hydroelectric Fa	Small Hydro	2012	3,394		
2012	60234	Placer County Water Agency	Small Hydro	2012	3,001		
2012	60236	Rock Creek Water District	Small Hydro	2012	797		
2012	60237	Santa Clara Valley Water Dist.	Small Hydro	2012	1,270		
2012	60238	Schaads Hydro	Small Hydro	2012	506		
2012	60239	Shamrock Utilities (Cedar Flat)	Small Hydro	2012	960		
2012	60240	Shamrock Utilities (Clover Leaf)	Small Hydro	2012	691		
2012	60246	Sutter's Mill	Small Hydro	2012	646		
2012	60247	Swiss America	Small Hydro	2012	255		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60248	Twin Valley Hydro	Conduit Hydro	2012	1,022		
2012	60249	Tom Benninghoven	Small Hydro	2012	75		
2012	60250	Water Wheel Ranch	Small Hydro	2012	2,751		
2012	60251	Youth with a Mission/Spgs Of Lv Wat	Small Hydro	2012	43		
2012	60252	Yuba County Water Agency	Small Hydro	2012	1,041		
2012	60255	Villa Sorriso Solar	Photovoltaic	2012	1		
2012	60257	Donald R. Chenoweth	Wind	2012	13		
2012	60263	MID (McSwain)	Small Hydro	2012	24,962		
2012	60264	Dutch Flat #2 Powerhouse	Small Hydro	2012	44,785		
2012	60265	Rollins Powerhouse	Small Hydro	2012	56,338		
2012	60266	KELLY RIDGE POWERHOUSE	Small Hydro	2012	63,182		
2012	60267	Sly Creek Powerhouse	Small Hydro	2012	28,418		
2012	60268	PCWA (French Meadows)	Small Hydro	2012	46,920		
2012	60269	PCWA (Oxbow)	Small Hydro	2012	25,982		
2012	60270	SID (Monticello)	Small Hydro	2012	41,182		
2012	60271	Etiwanda Small Conduit Hydroelectric Power Plant	Conduit Hydro	2012	42,152		
2012	60272	Community Renewable Energy Services Inc.	Biomass	2012	77,459	78,361	
2012	60273	Madera Power LLC	Biomass	2012	36,558	36,557	
2012	60274	Sierra Power Corporation	Biomass	2012	49,596		
2012	60276	Oak Flat PH	Small Hydro	2012	2,943		
2012	60471	Chowchilla II	Biomass	2012	59,098	59,114	
2012	60473	El Nido	Biomass	2012	56,760	56,770	
2012	60475	CalRENEW-1	Photovoltaic	2012	10,477		
2012	60488	Shiloh I Wind Project	Wind	2012	215,134		
2012	60502	Three Forks Water Power Project	Small Hydro	2012	6,621		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60543	Montezuma Wind Energy Center	Wind	2012	101,157		
2012	60553	Rattlesnake Road Wind Farm	Wind	2012	215,404		
2012	60564	Wolverine Creek	Wind	2012	41,495		
2012	60567	Buckeye Power Plant	Conduit Hydro	2012	1,650		
2012	60568	Tunnel Hill Power Plant	Conduit Hydro	2012	2,397		
2012	60576	SPI - Sonora	Biomass	2012	12,699	26,448	
2012	60601	El Dorado Powerhouse (Akin Powerhouse)	Small Hydro	2012	67,330		
2012	60602	Klondike Wind Power III	Wind	2012	252,279		
2012	60603	California Valley Solar Ranch	Photovoltaic	2012	18,472		
2012	60604	Bottle Rock Power Plant	Geothermal	2012	71,938		
2012	60628	Castelanelli Bros Dairy	Biomethane	2012	1,351		
2012	60634	AT&T Park Solar Arrays	Photovoltaic	2012	160		
2012	60635	San Francisco Service Center Solar Array 1	Photovoltaic	2012	91		
2012	60636	San Francisco Service Center Solar Array 2	Photovoltaic	2012	98		
2012	60639	Shiloh Wind Project 2, LLC	Wind	2012	429,614		
2012	60694	Klondike Wind Power IIIA	Wind	2012	187,646		
2012	60695	Mt. Poso Cogeneration Company, LLC	Biomass	2012	199,274	199,611	
2012	60712	Vantage Wind Energy Center	Wind	2012	262,782		
2012	60713	CM 10	Photovoltaic	2012	21,249		
2012	60730	Marengo II	Wind	2012	22,760		
2012	60732	Ortigalita Power Co.	Biomass	2012	24		
2012	60741	Hatchet Ridge Wind	Wind	2012	261,038		
2012	60746	Wild Horse Wind Project	Wind	2012	49,603		
2012	60755	Alpine Solar	Photovoltaic	2012	1,162		
2012	60758	Gateway Generating Station	Biomethane	2012	227		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60786	CM 48	Photovoltaic	2012	106,142		
2012	60804	Glenrock III	Wind	2012	53,781		
2012	60805	Glenrock I	Wind	2012	105,747		
2012	60806	Rolling Hills	Wind	2012	145,725		
2012	60807	Seven Mile Hill I	Wind	2012	161,476		
2012	60808	Seven Mile Hill II	Wind	2012	32,052		
2012	60814	Combie North Powerhouse	Conduit Hydro	2012	1,615		
2012	60819	Goodnoe Hills	Wind	2012	94,564		
2012	60875	Mesquite Solar 1	Photovoltaic	2012	233,504		
2012	60894	Agua Caliente Solar	Photovoltaic	2012	445,490		
2012	60900	Big Creek Water Works	Small Hydro	2012	500		
2012	60912	Avenal Park	Photovoltaic	2012	12,830		
2012	60913	Sun City Project	Photovoltaic	2012	43,003		
2012	60914	Sand Drag	Photovoltaic	2012	40,356		
2012	60966	Vaca Dixon Solar Station	Photovoltaic	2012	4,220		
2012	60973	Coram Brodie 102 MW Tehachapi Expansion Project	Wind	2012	184,443		
2012	60989	Halkirk I Wind Project LP	Wind	2012	43,867		
2012	60990	Copper Mountain Solar 2	Photovoltaic	2012	72,065		
2012	61052	Santa Maria II LFG Power Plant	Biomethane	2012	8,127		
2012	61060	Stockton Cogen Facility	Biomass	2012	2,421	2,747	
2012	61069	Shiloh III Wind Project	Wind	2012	277,352		
2012	61148	Blake's Landing Farms, Inc.	Biomethane	2012	64		
2012	61151	Colusa Generating Station	Biomethane	2012	28		
2012	61152	Humboldt Bay Generating Station	Biomethane	2012	22		
2012	61289	MRWPCA Regional Treatment Plant	Biomethane	2012	142		
2012	61303	Cox Station Micro-Hydroelectric Project	Conduit Hydro	2012	388		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	61344	Vasco Winds Energy Center	Wind	2012	237,592		
2012	61345	Montezuma II Wind Energy Center	Wind	2012	231,812		
2012	61385	North Sky River	Wind	2012	14,163		
2012	61432	Five Points Solar Station	Photovoltaic	2012	29,947		
2012	61433	Westside Solar Station	Photovoltaic	2012	32,299		
2012	61434	Stroud Solar Station	Photovoltaic	2012	43,064		
2012	61591	NLH1 Solar	Photovoltaic	2012	122		
2012	61617	Shiloh IV Wind Project, LLC	Wind	2012	10,696		
2012	61821	Huron Solar Station	Photovoltaic	2012	20,894		
2012	61822	Giffen Solar Station	Photovoltaic	2012	10,643		
2012	61823	Cantua Solar Station	Photovoltaic	2012	24,234		
2012	61941	La Joya del Sol	Photovoltaic	2012	34		
2013	60724	Hay Canyon Wind	Wind	2011	219,327		
2013	60803	Nine Canyon Wind Project-Nine Canyon Phase 3	Wind	2011	33,578		
2013	60032	A.G. Wishon PH	Small Hydro	2012	6		
2013	60035	Chili Bar PH	Small Hydro	2012	6		
2013	60038	Cow Creek PH	Small Hydro	2012	2,797		
2013	60041	De Sabla PH	Small Hydro	2012	5		
2013	60043	Halsey PH	Small Hydro	2012	5		
2013	60044	Hamilton Branch PH	Small Hydro	2012	4		
2013	60046	Hat Creek No. 2 PH	Small Hydro	2012	6		
2013	60047	Inskip PH	Small Hydro	2012	4		
2013	60049	Kilarc PH	Small Hydro	2012	2		
2013	60052	Narrows No. 1 PH	Small Hydro	2012	21		
2013	60054	Phoenix PH	Small Hydro	2012	27		
2013	60055	Potter Valley PH	Small Hydro	2012	2		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60059	South PH	Small Hydro	2012	6		
2013	60060	Spaulding No. 1 PH	Small Hydro	2012	365		
2013	60061	Spaulding No. 2 PH	Small Hydro	2012	192		
2013	60062	Spaulding No. 3 PH	Small Hydro	2012	5		
2013	60063	Spring Gap PH	Small Hydro	2012	6		
2013	60066	Volta No. 1 PH	Small Hydro	2012	4		
2013	60068	West Point PH	Small Hydro	2012	7		
2013	60069	Wise No. 1 PH	Small Hydro	2012	7		
2013	60107	Monterey Regional Waste Management District	Biomethane	2012	69		
2013	60243	Vanjop	Small Hydro	2012	255		
2013	60263	MID (McSwain)	Small Hydro	2012	3		
2013	60265	Rollins Powerhouse	Small Hydro	2012	4		
2013	60269	PCWA (Oxbow)	Small Hydro	2012	1		
2013	60270	SID (Monticello)	Small Hydro	2012	6		
2013	60271	Etiwanda Small Conduit Hydroelectric Power Plant	Conduit Hydro	2012	391		
2013	60814	Combie North Powerhouse	Conduit Hydro	2012	176		
2013	60945	Alpaugh 50, LLC	Photovoltaic	2012	54		
2013	60946	Alpaugh North, LLC	Photovoltaic	2012	29		
2013	60947	Atwell Island PV Solar Generation Facility	Photovoltaic	2012	232		
2013	61385	North Sky River	Wind	2012	1,050		
2013	61941	La Joya del Sol	Photovoltaic	2012	65		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2013	581,635		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2013	453,936		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	196,517		
2013	60005	Calpine Geothermal Unit 13	Geothermal	2013	436,129		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	1,888		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2013	4,727		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	5,369		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2013	266,049		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2013	179,239		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2013	537,520		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	25,824		
2013	60030	Diablo Winds, LLC	Wind	2013	65,480		
2013	60032	A.G. Wishon PH	Small Hydro	2013	21,136		
2013	60033	Alta PH	Small Hydro	2013	3,389		
2013	60035	Chili Bar PH	Small Hydro	2013	15,963		
2013	60037	Coleman PH	Small Hydro	2013	39,835		
2013	60038	Cow Creek PH	Small Hydro	2013	1,874		
2013	60039	Crane Valley PH	Small Hydro	2013	715		
2013	60040	Deer Creek PH	Small Hydro	2013	19,830		
2013	60041	De Sabla PH	Small Hydro	2013	73,666		
2013	60042	Dutch No. 1 PH	Small Hydro	2013	109,530		
2013	60043	Halsey PH	Small Hydro	2013	44,302		
2013	60044	Hamilton Branch PH	Small Hydro	2013	9,627		
2013	60045	Hat Creek No. 1 PH	Small Hydro	2013	19,586		
2013	60046	Hat Creek No. 2 PH	Small Hydro	2013	36,413		
2013	60047	Inskip PH	Small Hydro	2013	35,425		
2013	60048	Kern Canyon PH	Small Hydro	2013	22,129		
2013	60049	Kilarc PH	Small Hydro	2013	14,137		
2013	60050	Lime Saddle PH	Small Hydro	2013	5,501		
2013	60051	Merced Falls PH	Small Hydro	2013	7,187		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60052	Narrows No. 1 PH	Small Hydro	2013	58,778		
2013	60053	Newcastle PH	Small Hydro	2013	13,801		
2013	60054	Phoenix PH	Small Hydro	2013	9,536		
2013	60055	Potter Valley PH	Small Hydro	2013	19,575		
2013	60056	San Joaquin No. 1-A PH	Small Hydro	2013	449		
2013	60057	San Joaquin No. 2 PH	Small Hydro	2013	2,554		
2013	60058	San Joaquin No. 3 PH	Small Hydro	2013	3,395		
2013	60059	South PH	Small Hydro	2013	38,299		
2013	60060	Spaulding No. 1 PH	Small Hydro	2013	18,718		
2013	60061	Spaulding No. 2 PH	Small Hydro	2013	9,895		
2013	60062	Spaulding No. 3 PH	Small Hydro	2013	24,366		
2013	60063	Spring Gap PH	Small Hydro	2013	30,614		
2013	60064	Toadtown PH	Small Hydro	2013	3,932		
2013	60065	Tule PH	Small Hydro	2013	7,065		
2013	60066	Volta No. 1 PH	Small Hydro	2013	38,820		
2013	60067	Volta No. 2 PH	Small Hydro	2013	4,749		
2013	60068	West Point PH	Small Hydro	2013	72,175		
2013	60069	Wise No. 1 PH	Small Hydro	2013	68,260		
2013	60070	Wise No. 2 PH	Small Hydro	2013	3		
2013	60073	Burney Forest Products	Biomass	2013	228,439	228,439	
2013	60074	Collins Pine Project	Biomass	2013	30,006		
2013	60076	DG Fairhaven Power Plant	Biomass	2013	116,597	116,597	
2013	60077	HL Power Company, California Limited Partnership	Biomass	2013	202,037	205,739	
2013	60078	Covanta Mendota	Biomass	2013	175,412		
2013	60080	Pacific-Ultrapower Chinese Station	Biomass	2013	128,141		
2013	60083	Eel River Power, LLC	Biomass	2013	118,682	134,925	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60084	Rio Bravo Fresno	Biomass	2013	181,929	182,354	
2013	60085	Rio Bravo Rocklin	Biomass	2013	186,503	186,081	
2013	60086	SPI Anderson I	Biomass	2013	26,365	26,500	
2013	60087	SPI Burney	Biomass	2013	110,582		
2013	60088	SPI Lincoln	Biomass	2013	104,078	104,548	
2013	60089	SPI Quincy	Biomass	2013	152,937	152,937	
2013	60091	Thermal Energy	Biomass	2013	125,502	125,497	
2013	60092	Wadham Energy Limited Partnership	Biomass	2013	196,316	196,487	
2013	60093	Anderson Plant, LLC	Biomass	2013	23,695	26,902	
2013	60094	Wheelabrator Shasta	Biomass	2013	406,444	406,444	
2013	60095	Woodland Biomass Power, Ltd.	Biomass	2013	190,036	188,712	
2013	60096	Waste Management Renewable Energy	Landfill Gas	2013	39,290		
2013	60102	Gas Recovery Systems - American Canyon	Biomethane	2013	1,274		
2013	60103	Gas Recovery System- Guadalupe	Biomethane	2013	8,768		
2013	60104	Gas Recovery Systems - Menlo Park	Biomethane	2013	3,341		
2013	60105	Gas Recovery System- Newby Island II	Biomethane	2013	6,961		
2013	60107	Monterey Regional Waste Management District	Biomethane	2013	7,108		
2013	60111	Amedee Geothermal Venture I, a California Limited Partnership	Geothermal	2013	1,123		
2013	60112	Bear Canyon Power Plant	Geothermal	2013	94,694		
2013	60114	West Ford Flat Power Plant	Geothermal	2013	206,812		
2013	60115	Aidlin Power Plant	Geothermal	2013	112,149		
2013	60117	Calistoga Power Plant	Geothermal	2013	426,699		
2013	60118	Altamont Midway	Wind	2013	11,267		
2013	60119	Altamont Pass Windplant (3-4)	Wind	2013	6,490		
2013	60120	Altamont Pass Windplant (4-4)	Wind	2013	31,678		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60122	Altamont Pass Windplant (6-4)	Wind	2013	25,811		
2013	60124	Buena Vista Wind Farm	Wind	2013	98,373		
2013	60125	EDF Renewable Windfarm V, Inc (10 MW)	Wind	2013	21,652		
2013	60126	Green Ridge Power LLC (100 MW-A)	Wind	2013	78,385		
2013	60129	Green Ridge Power (100 MW-D)	Wind	2013	17,094		
2013	60130	Green Ridge Power (110 MW)	Wind	2013	176,282		
2013	60131	Green Ridge Power (23.8 MW)	Wind	2013	17,497		
2013	60133	Green Ridge Power (5.9 MW)	Wind	2013	11,484		
2013	60136	EDF Renewable Windfarm V, Inc (70 MW - C)	Wind	2013	10,696		
2013	60138	Green Ridge Power (70 MW)	Wind	2013	79,103		
2013	60139	International Turbine Research	Wind	2013	24,823		
2013	60141	Patterson Pass Windfarm	Wind	2013	30,607		
2013	60142	Forebay Wind LLC - Altech	Wind	2013	4,025		
2013	60144	Forebay Wind LLC - Seawest	Wind	2013	46		
2013	60145	Forebay Wind LLC - Taxvest	Wind	2013	500		
2013	60146	Forebay Wind LLC - Viking	Wind	2013	1,181		
2013	60147	Forebay Wind LLC - Western	Wind	2013	1,886		
2013	60151	Wolfsen Bypass	Small Hydro	2013	1,088		
2013	60152	Baker Station Hydroelectric	Small Hydro	2013	1,822		
2013	60154	Montgomery Creek Hydro	Small Hydro	2013	4,945		
2013	60155	Far West Power	Small Hydro	2013	110		
2013	60156	Friant Kern	Small Hydro	2013	49,818		
2013	60157	Haypress Hydroelectric LWR	Small Hydro	2013	4,222		
2013	60158	Haypress Hydroelectric MDDL	Small Hydro	2013	5,076		
2013	60159	Humboldt Bay Muni Water Dist	Small Hydro	2013	4,228		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60160	Hypower, Inc.	Small Hydro	2013	25,614		
2013	60161	Indian Vly Hydro Elec Ptrn.	Small Hydro	2013	5,463		
2013	60162	Kern Hydro Partners (Olcese)	Small Hydro	2013	6,448		
2013	60163	Madera Chowchilla	Small Hydro	2013	1,121		
2013	60164	Muck Valley Hydroelectric Project	Small Hydro	2013	39,319		
2013	60165	Bidwell Ditch Project	Small Hydro	2013	10,690		
2013	60166	Hatchet Creek Project	Small Hydro	2013	11,781		
2013	60167	Roaring Creek Project	Small Hydro	2013	4,140		
2013	60169	Nacimiento Dam	Small Hydro	2013	211		
2013	60170	Nelson Creek Power	Small Hydro	2013	1,611		
2013	60171	Bowman Powerhouse	Small Hydro	2013	6,330		
2013	60172	Combie South Powerhouse	Small Hydro	2013	2,317		
2013	60173	Scotts Flat Powerhouse	Small Hydro	2013	4,472		
2013	60175	Olsen Power Partners	Small Hydro	2013	4,961		
2013	60176	Rock Creek	Small Hydro	2013	211		
2013	60177	Burney Creek	Small Hydro	2013	2,030		
2013	60178	Cove Hydroelectric	Small Hydro	2013	9,490		
2013	60179	Lost Creek 1	Small Hydro	2013	4,907		
2013	60180	Lost Creek 2	Small Hydro	2013	2,352		
2013	60181	Ponderosa Bailey Creek	Small Hydro	2013	799		
2013	60185	STS Hydropower (Kanaka)	Small Hydro	2013	304		
2013	60186	STS Hydropower Ltd. (Kekawaka)	Small Hydro	2013	1,461		
2013	60187	TKO Power (South Bear Creek)	Small Hydro	2013	2,373		
2013	60188	Sand Bar Power Plant	Small Hydro	2013	53,985		
2013	60189	Deadwood Creek	Small Hydro	2013	1,402		
2013	60190	City Of Watsonville	Biomethane	2013	26	2,745	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60193	Wendel Energy Operations I, LLC	Geothermal	2013	2,541		
2013	60194	Arbuckle Mountain Hydro	Small Hydro	2013	159		
2013	60195	Bailey Creek Ranch	Small Hydro	2013	513		
2013	60197	Browns Valley ID	Small Hydro	2013	3,286		
2013	60198	Calaveras Yuba Hydro #1	Conduit Hydro	2013	331		
2013	60199	Calaveras Yuba Hydro #2	Conduit Hydro	2013	366		
2013	60200	Calaveras Yuba Hydro #3	Conduit Hydro	2013	182		
2013	60202	Charcoal Ravine	Small Hydro	2013	8		
2013	60206	Digger Creek Ranch	Small Hydro	2013	2,707		
2013	60207	EJM McFadden	Small Hydro	2013	95		
2013	60208	Eagle Hydro	Small Hydro	2013	915		
2013	60209	Eric and Debbie Watternburg	Small Hydro	2013	93		
2013	60211	Five Bears Hydroelectric	Small Hydro	2013	84		
2013	60214	Vecino Vineyards LLC	Small Hydro	2013	101		
2013	60215	Hat Creek Hereford Ranch	Small Hydro	2013	135		
2013	60216	Salmon Creek Hydroelectric Project	Small Hydro	2013	1,612		
2013	60217	Jackson Valley Irrigation District	Small Hydro	2013	309		
2013	60218	James B. Peter	Small Hydro	2013	97		
2013	60219	James Crane Hydro	Small Hydro	2013	7		
2013	60220	John Neerhout Jr.	Small Hydro	2013	3		
2013	60221	Kings River Hydro	Small Hydro	2013	1,098		
2013	60222	Lassen Station Hydroelectric	Small Hydro	2013	1,339		
2013	60223	Lofton Ranch	Small Hydro	2013	976		
2013	60224	Site 1174	Small Hydro	2013	831		
2013	60225	Site 1923	Small Hydro	2013	713		
2013	60226	Site 1302	Small Hydro	2013	449		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60227	Mega Hydro #1 (Clover Creek)	Small Hydro	2013	2,299		
2013	60229	Mega Renewables (Silver Springs)	Small Hydro	2013	1,548		
2013	60230	Mill and Sulphur Creek Project	Small Hydro	2013	822		
2013	60232	Orange Cove Irrigation District - Friant Fishwater Release Hydroelectric Fa	Small Hydro	2013	3,449		
2013	60234	Placer County Water Agency	Small Hydro	2013	485		
2013	60236	Rock Creek Water District	Small Hydro	2013	818		
2013	60237	Santa Clara Valley Water Dist.	Small Hydro	2013	616		
2013	60238	Schaads Hydro	Small Hydro	2013	299		
2013	60239	Shamrock Utilities (Cedar Flat)	Small Hydro	2013	781		
2013	60240	Shamrock Utilities (Clover Leaf)	Small Hydro	2013	493		
2013	60243	Vanjop	Small Hydro	2013	230		
2013	60246	Sutter's Mill	Small Hydro	2013	659		
2013	60247	Swiss America	Small Hydro	2013	304		
2013	60248	Twin Valley Hydro	Conduit Hydro	2013	1,066		
2013	60249	Tom Benninghoven	Small Hydro	2013	54		
2013	60250	Water Wheel Ranch	Small Hydro	2013	2,084		
2013	60252	Yuba County Water Agency	Small Hydro	2013	1,070		
2013	60255	Villa Sorriso Solar	Photovoltaic	2013	1		
2013	60257	Donald R. Chenoweth	Wind	2013	10		
2013	60263	MID (McSwain)	Small Hydro	2013	20,129		
2013	60264	Dutch Flat #2 Powerhouse	Small Hydro	2013	19,358		
2013	60265	Rollins Powerhouse	Small Hydro	2013	51,113		
2013	60266	KELLY RIDGE POWERHOUSE	Small Hydro	2013	39,623		
2013	60267	Sly Creek Powerhouse	Small Hydro	2013	18,195		
2013	60268	PCWA (French Meadows)	Small Hydro	2013	11,852		
2013	60269	PCWA (Oxbow)	Small Hydro	2013	9,097		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60270	SID (Monticello)	Small Hydro	2013	43,805		
2013	60271	Etiwanda Small Conduit Hydroelectric Power Plant	Conduit Hydro	2013	24,023		
2013	60272	Community Renewable Energy Services Inc.	Biomass	2013	25,908		
2013	60274	Sierra Power Corporation	Biomass	2013	44,170		
2013	60276	Oak Flat PH	Small Hydro	2013	5,471		
2013	60306	Mammoth G1	Geothermal	2013	3,142		
2013	60315	Mammoth G3	Geothermal	2013	71,365		
2013	60471	Chowchilla II	Biomass	2013	68,984	68,982	
2013	60473	El Nido	Biomass	2013	68,761	68,771	
2013	60475	CalRENEW-1	Photovoltaic	2013	10,786		
2013	60488	Shiloh I Wind Project	Wind	2013	207,127		
2013	60502	Three Forks Water Power Project	Small Hydro	2013	4,181		
2013	60543	Montezuma Wind Energy Center	Wind	2013	101,519		
2013	60553	Rattlesnake Road Wind Farm	Wind	2013	221,633		
2013	60567	Buckeye Power Plant	Conduit Hydro	2013	1,541		
2013	60568	Tunnel Hill Power Plant	Conduit Hydro	2013	2,480		
2013	60576	SPI - Sonora	Biomass	2013	12,954	26,309	
2013	60601	El Dorado Powerhouse (Akin Powerhouse)	Small Hydro	2013	71,180		
2013	60602	Klondike Wind Power III	Wind	2013	266,310		
2013	60603	California Valley Solar Ranch	Photovoltaic	2013	396,424		
2013	60604	Bottle Rock Power Plant	Geothermal	2013	72,893		
2013	60605	Genesis Solar, LLC	Solar Thermal Electric	2013	13,562		
2013	60628	Castelanelli Bros Dairy	Biomethane	2013	1,434		
2013	60634	AT&T Park Solar Arrays	Photovoltaic	2013	163		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60635	San Francisco Service Center Solar Array 1	Photovoltaic	2013	77		
2013	60636	San Francisco Service Center Solar Array 2	Photovoltaic	2013	84		
2013	60639	Shiloh Wind Project 2, LLC	Wind	2013	430,157		
2013	60694	Klondike Wind Power IIIA	Wind	2013	201,890		
2013	60695	Mt. Poso Cogeneration Company, LLC	Biomass	2013	233,400		
2013	60712	Vantage Wind Energy Center	Wind	2013	245,524		
2013	60713	CM 10	Photovoltaic	2013	20,436		
2013	60741	Hatchet Ridge Wind	Wind	2013	286,506		
2013	60755	Alpine Solar	Photovoltaic	2013	169,617		
2013	60786	CM 48	Photovoltaic	2013	105,246		
2013	60790	AV Solar Ranch 1	Photovoltaic	2013	354,744		
2013	60814	Combie North Powerhouse	Conduit Hydro	2013	1,411		
2013	60875	Mesquite Solar 1	Photovoltaic	2013	414,001		
2013	60886	ABEC Bidart-Stockdale LLC	Biomethane	2013	323		
2013	60894	Agua Caliente Solar	Photovoltaic	2013	687,163		
2013	60900	Big Creek Water Works	Small Hydro	2013	2,662		
2013	60912	Avenal Park	Photovoltaic	2013	13,240		
2013	60913	Sun City Project	Photovoltaic	2013	44,033		
2013	60914	Sand Drag	Photovoltaic	2013	42,066		
2013	60945	Alpaugh 50, LLC	Photovoltaic	2013	127,822		
2013	60946	Alpaugh North, LLC	Photovoltaic	2013	51,667		
2013	60947	Atwell Island PV Solar Generation Facility	Photovoltaic	2013	42,161		
2013	60948	CED Corcoran, LLC	Photovoltaic	2013	20,036		
2013	60949	CED White River Solar, LLC	Photovoltaic	2013	29,609		
2013	60966	Vaca Dixon Solar Station	Photovoltaic	2013	4,708		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60970	SGE Site #1	Conduit Hydro	2013	49		
2013	60973	Coram Brodie 102 MW Tehachapi Expansion Project	Wind	2013	256,983		
2013	60989	Halkirk I Wind Project LP	Wind	2013	466,418		
2013	60990	Copper Mountain Solar 2	Photovoltaic	2013	226,937		
2013	61052	Santa Maria II LFG Power Plant	Biomethane	2013	8,029		
2013	61068	Desert Sunlight 300, LLC	Photovoltaic	2013	120,672		
2013	61069	Shiloh III Wind Project	Wind	2013	289,909		
2013	61148	Blake's Landing Farms, Inc.	Biomethane	2013	87		
2013	61264	NRG Solar Kansas South	Photovoltaic	2013	33,754		
2013	61289	MRWPCA Regional Treatment Plant	Biomethane	2013	392		
2013	61303	Cox Station Micro-Hydroelectric Project	Conduit Hydro	2013	166		
2013	61344	Vasco Winds Energy Center	Wind	2013	248,276		
2013	61345	Montezuma II Wind Energy Center	Wind	2013	225,379		
2013	61385	North Sky River	Wind	2013	419,293		
2013	61432	Five Points Solar Station	Photovoltaic	2013	28,338		
2013	61433	Westside Solar Station	Photovoltaic	2013	32,645		
2013	61434	Stroud Solar Station	Photovoltaic	2013	44,934		
2013	61467	Wind Resource I	Wind	2013	13,227		
2013	61468	Wind Resource II	Wind	2013	9,189	48,656	
2013	61591	NLH1 Solar	Photovoltaic	2013	3,248		
2013	61617	Shiloh IV Wind Project, LLC	Wind	2013	297,869		
2013	61698	Topaz Solar Farms LLC	Photovoltaic	2013	428,560		
2013	61821	Huron Solar Station	Photovoltaic	2013	45,046		
2013	61822	Giffen Solar Station	Photovoltaic	2013	24,000		
2013	61823	Cantua Solar Station	Photovoltaic	2013	48,175		
2013	61941	La Joya del Sol	Photovoltaic	2013	3,671		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	62060	2065-Rogers 0369-WD	Photovoltaic	2013	228		
2013	62069	2158-Stroing 0358-WD	Photovoltaic	2013	200		
2013	62250	Oakley Solar Project	Photovoltaic	2013	1,547		
2013	62273	Ivanpah Solar - Unit 1	Solar Thermal Electric	2013	4,473	8,807	
2013	62275	Ivanpah Solar - Unit 3	Solar Thermal Electric	2013	2,433		
2013	62291	Toro Energy of California SLO	Biomethane	2013	5,525		
2013	62319	Grassland 3	Photovoltaic	2013	619		
2013	62320	Grassland 4	Photovoltaic	2013	1,012		
2013	62352	West Gates Solar Station	Photovoltaic	2013	13,403		
2013	62353	Gates Solar Station	Photovoltaic	2013	26,439		
2013	62354	Guernsey Solar Station	Photovoltaic	2013	11,488		
2013	62360	Kerckhoff No. 1 Powerhouse	Small Hydro	2013	15,988		
2013	62369	ABEC Bidart-Old River LLC	Biomethane	2013	13		
2013	62384	Sonora 1	Photovoltaic	2013	5		
					46,379,618		

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Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2013	3,235		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2012	804		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2013	586		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2011	246,739		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2012	228,813		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	143,355		
2013	60005	Calpine Geothermal Unit 13	Geothermal	2011	147		
2013	60005	Calpine Geothermal Unit 13	Geothermal	2013	3,425		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2011	289,508		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2012	200,896		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	248,323		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2011	331,000		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2012	318,458		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2013	344,231		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2011	258,623		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2012	138,666		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2013	275,512		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2011	37,927		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2012	53,496		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2013	51,955		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2011	72,210		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2012	34,747		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2013	121,400		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60020	Imperial Valley Resource Recovery	Biomass	2011	7,952		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2011	13,341		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2012	34		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2013	5,605		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2011	331,588		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2012	215,608		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	260,412		
2013	60027	Boom-Campbell Wind Farm	Wind	2011	30,154		
2013	60027	Boom-Campbell Wind Farm	Wind	2012	26,518		
2013	60027	Boom-Campbell Wind Farm	Wind	2013	26,866		
2013	60028	Sirocco	Wind	2011	11,756		
2013	60028	Sirocco	Wind	2012	7,553		
2013	60028	Sirocco	Wind	2013	9,583		
2013	60029	Cellc 7.5 MW Tehachapi Wind Project	Wind	2011	1,908		
2013	60279	Sevilla Farms, Inc.	Biomethane	2011	123		
2013	60279	Sevilla Farms, Inc.	Biomethane	2012	77		
2013	60280	L.A. Co. Sanitation Dist CSD 2610	Landfill Gas	2011	5,637	12,012	
2013	60280	L.A. Co. Sanitation Dist CSD 2610	Landfill Gas	2012	2,680	5,654	
2013	60284	Mountain View I	Wind	2011	154,086		
2013	60284	Mountain View I	Wind	2012	143,402		
2013	60284	Mountain View I	Wind	2013	142,558		
2013	60285	Mountain View II	Wind	2011	73,749		
2013	60285	Mountain View II	Wind	2012	72,370		
2013	60285	Mountain View II	Wind	2013	71,996		
2013	60288	Spadra Gas-to-Energy Facility	Biomethane	2011	40,733	40,716	
2013	60288	Spadra Gas-to-Energy Facility	Biomethane	2012	36,671	35,962	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60288	Spadra Gas-to-Energy Facility	Biomethane	2013	34,541	34,546	
2013	60290	Puente Hills Landfill Gas-to-Energy Facility	Biomethane	2011	385,615	394,730	
2013	60290	Puente Hills Landfill Gas-to-Energy Facility	Biomethane	2012	393,218	443,255	
2013	60290	Puente Hills Landfill Gas-to-Energy Facility	Biomethane	2013	380,009	385,643	
2013	60291	Calwind Resources Inc. II	Wind	2011	12,043		
2013	60292	El Sobrante Landfill Gas-to-Energy	Biomethane	2011	21,696		
2013	60292	El Sobrante Landfill Gas-to-Energy	Biomethane	2012	19,099		
2013	60292	El Sobrante Landfill Gas-to-Energy	Biomethane	2013	22,123		
2013	60293	Simi Valley Landfill Gas-to-Energy	Biomethane	2011	15,963		
2013	60293	Simi Valley Landfill Gas-to-Energy	Biomethane	2012	13,236		
2013	60293	Simi Valley Landfill Gas-to-Energy	Biomethane	2013	14,760		
2013	60294	Orange County Sanitation District	Biomethane	2011	8		
2013	60294	Orange County Sanitation District	Biomethane	2012	10		
2013	60295	Inland Empire Utilities Agency, Regional Plant No. 2	Biomethane	2011	946	2,253	
2013	60295	Inland Empire Utilities Agency, Regional Plant No. 2	Biomethane	2012	1,357	2,732	
2013	60295	Inland Empire Utilities Agency, Regional Plant No. 2	Biomethane	2013	1,243	2,249	
2013	60298	MM Tajiguas Energy LLC	Biomethane	2011	24,035		
2013	60298	MM Tajiguas Energy LLC	Biomethane	2012	23,069		
2013	60298	MM Tajiguas Energy LLC	Biomethane	2013	23,241		
2013	60305	Heber 1	Geothermal	2011	332,589		
2013	60305	Heber 1	Geothermal	2012	323,957		
2013	60305	Heber 1	Geothermal	2013	300,527		
2013	60306	Mammoth G1	Geothermal	2011	34,070		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60306	Mammoth G1	Geothermal	2012	17,886		
2013	60307	Del Ranch, Ltd., (Niland #2)	Geothermal	2011	349,645		
2013	60307	Del Ranch, Ltd., (Niland #2)	Geothermal	2012	271,144		
2013	60307	Del Ranch, Ltd., (Niland #2)	Geothermal	2013	321,268		
2013	60308	Vulcan/BN Geothermal	Geothermal	2011	274,970		
2013	60308	Vulcan/BN Geothermal	Geothermal	2012	243,102		
2013	60308	Vulcan/BN Geothermal	Geothermal	2013	293,488		
2013	60309	Coso Finance Partners (Navy I)	Geothermal	2011	554,054		
2013	60309	Coso Finance Partners (Navy I)	Geothermal	2012	521,290		
2013	60309	Coso Finance Partners (Navy I)	Geothermal	2013	494,014		
2013	60310	Elmore Ltd.	Geothermal	2011	356,323		
2013	60310	Elmore Ltd.	Geothermal	2012	354,277		
2013	60310	Elmore Ltd.	Geothermal	2013	325,529		
2013	60311	Ormesa Geothermal I	Geothermal	2011	184,430		
2013	60311	Ormesa Geothermal I	Geothermal	2012	143,835		
2013	60311	Ormesa Geothermal I	Geothermal	2013	25,176		
2013	60312	Ormesa Geothermal II	Geothermal	2011	130,246		
2013	60312	Ormesa Geothermal II	Geothermal	2012	109,062		
2013	60312	Ormesa Geothermal II	Geothermal	2013	18,398		
2013	60313	Terra-Gen Dixie Valley, LLC	Geothermal	2011	474,116		
2013	60313	Terra-Gen Dixie Valley, LLC	Geothermal	2012	477,963		
2013	60313	Terra-Gen Dixie Valley, LLC	Geothermal	2013	495,608		
2013	60315	Mammoth G3	Geothermal	2011	107,451		
2013	60315	Mammoth G3	Geothermal	2012	107,844		
2013	60315	Mammoth G3	Geothermal	2013	28,984		
2013	60316	Herber 2	Geothermal	2011	260,035		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60316	Herber 2	Geothermal	2012	251,097		
2013	60316	Herber 2	Geothermal	2013	230,005		
2013	60317	Salton Sea Power Generation Co #3	Geothermal	2011	382,720		
2013	60317	Salton Sea Power Generation Co #3	Geothermal	2012	353,823		
2013	60317	Salton Sea Power Generation Co #3	Geothermal	2013	335,647		
2013	60318	Leathers L. P.	Geothermal	2011	355,164		
2013	60318	Leathers L. P.	Geothermal	2012	349,918		
2013	60318	Leathers L. P.	Geothermal	2013	322,597		
2013	60319	Mammoth G2	Geothermal	2011	88,538		
2013	60319	Mammoth G2	Geothermal	2012	85,557		
2013	60319	Mammoth G2	Geothermal	2013	82,884		
2013	60320	Salton Sea Power Generation L.P. #2	Geothermal	2011	130,524		
2013	60320	Salton Sea Power Generation L.P. #2	Geothermal	2012	115,162		
2013	60320	Salton Sea Power Generation L.P. #2	Geothermal	2013	113,489		
2013	60321	Coso Power Developers	Geothermal	2009	750		
2013	60321	Coso Power Developers	Geothermal	2011	532,000		
2013	60321	Coso Power Developers	Geothermal	2012	527,014		
2013	60321	Coso Power Developers	Geothermal	2013	488,729		
2013	60322	Coso Energy Developers	Geothermal	2009	8,980		
2013	60322	Coso Energy Developers	Geothermal	2011	396,447		
2013	60322	Coso Energy Developers	Geothermal	2012	358,791		
2013	60322	Coso Energy Developers	Geothermal	2013	373,261		
2013	60323	Salton Sea Power Generation Co #1	Geothermal	2011	73,806		
2013	60323	Salton Sea Power Generation Co #1	Geothermal	2012	55,419		
2013	60323	Salton Sea Power Generation Co #1	Geothermal	2013	64,476		
2013	60324	Salton Sea Power Generation Co #4	Geothermal	2011	343,944		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60324	Salton Sea Power Generation Co #4	Geothermal	2012	304,390		
2013	60324	Salton Sea Power Generation Co #4	Geothermal	2013	324,963		
2013	60326	Hi Head Hydro Incorporated	Small Hydro	2011	1,774		
2013	60326	Hi Head Hydro Incorporated	Small Hydro	2012	1,610		
2013	60326	Hi Head Hydro Incorporated	Small Hydro	2013	1,561		
2013	60328	White Mountain Ranch LLC	Small Hydro	2012	537		
2013	60328	White Mountain Ranch LLC	Small Hydro	2013	1,104		
2013	60329	Desert Power Company	Small Hydro	2011	1,838		
2013	60329	Desert Power Company	Small Hydro	2012	1,214		
2013	60329	Desert Power Company	Small Hydro	2013	796		
2013	60330	Conejo Hydro	Conduit Hydro	2011	197		
2013	60330	Conejo Hydro	Conduit Hydro	2012	484		
2013	60330	Conejo Hydro	Conduit Hydro	2013	517		
2013	60332	San Bernardino MWD	Small Hydro	2011	529		
2013	60332	San Bernardino MWD	Small Hydro	2012	497		
2013	60332	San Bernardino MWD	Small Hydro	2013	403		
2013	60333	Terminal Storage - Hydro Generator	Conduit Hydro	2011	575		
2013	60333	Terminal Storage - Hydro Generator	Conduit Hydro	2012	500		
2013	60333	Terminal Storage - Hydro Generator	Conduit Hydro	2013	97		
2013	60334	Irvine Ranch Water District	Small Hydro	2011	66		
2013	60335	East Portal Hydro	Conduit Hydro	2011	5,814		
2013	60335	East Portal Hydro	Conduit Hydro	2012	6,223		
2013	60335	East Portal Hydro	Conduit Hydro	2013	6,992		
2013	60336	Whitewater Project	Small Hydro	2011	6,586		
2013	60336	Whitewater Project	Small Hydro	2012	5,627		
2013	60336	Whitewater Project	Small Hydro	2013	632		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60337	Snow Creek	Small Hydro	2011	597		
2013	60337	Snow Creek	Small Hydro	2012	665		
2013	60337	Snow Creek	Small Hydro	2013	648		
2013	60338	Success Dam Power Project	Small Hydro	2011	2,462		
2013	60338	Success Dam Power Project	Small Hydro	2012	976		
2013	60338	Success Dam Power Project	Small Hydro	2013	286		
2013	60339	San Gabriel Hydroelectric Project	Small Hydro	2011	22,336		
2013	60339	San Gabriel Hydroelectric Project	Small Hydro	2012	2,498		
2013	60339	San Gabriel Hydroelectric Project	Small Hydro	2013	457		
2013	60340	Daniel M. Bates, et al.	Conduit Hydro	2011	1,803		
2013	60340	Daniel M. Bates, et al.	Conduit Hydro	2012	651		
2013	60340	Daniel M. Bates, et al.	Conduit Hydro	2013	155		
2013	60341	Richard Moss	Conduit Hydro	2011	536		
2013	60341	Richard Moss	Conduit Hydro	2012	268		
2013	60341	Richard Moss	Conduit Hydro	2013	103		
2013	60342	Isabella Hydroelectric Project	Small Hydro	2011	70,403		
2013	60342	Isabella Hydroelectric Project	Small Hydro	2012	7,930		
2013	60342	Isabella Hydroelectric Project	Small Hydro	2013	6,540		
2013	60343	Three Valleys MWD (Fulton Road)	Conduit Hydro	2011	686		
2013	60343	Three Valleys MWD (Fulton Road)	Conduit Hydro	2012	735		
2013	60343	Three Valleys MWD (Fulton Road)	Conduit Hydro	2013	637		
2013	60344	Three Valleys MWD (Miramar)	Conduit Hydro	2011	33		
2013	60344	Three Valleys MWD (Miramar)	Conduit Hydro	2012	474		
2013	60344	Three Valleys MWD (Miramar)	Conduit Hydro	2013	957		
2013	60345	Three Valleys MWD (Williams)	Conduit Hydro	2011	1,096		
2013	60345	Three Valleys MWD (Williams)	Conduit Hydro	2012	1,370		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60345	Three Valleys MWD (Williams)	Conduit Hydro	2013	1,139		
2013	60346	Kaweah River Power Authority	Small Hydro	2011	76,544		
2013	60346	Kaweah River Power Authority	Small Hydro	2012	24,212		
2013	60346	Kaweah River Power Authority	Small Hydro	2013	11,818		
2013	60347	Picay Hydroelectric Project	Conduit Hydro	2011	673		
2013	60347	Picay Hydroelectric Project	Conduit Hydro	2012	714		
2013	60347	Picay Hydroelectric Project	Conduit Hydro	2013	406		
2013	60348	Santa Rosa Hydro	Conduit Hydro	2011	488		
2013	60348	Santa Rosa Hydro	Conduit Hydro	2012	726		
2013	60348	Santa Rosa Hydro	Conduit Hydro	2013	818		
2013	60349	City Of Santa Ana	Conduit Hydro	2011	26		
2013	60349	City Of Santa Ana	Conduit Hydro	2012	20		
2013	60349	City Of Santa Ana	Conduit Hydro	2013	19		
2013	60352	Deep Springs College	Small Hydro	2013	13		
2013	60354	San Bernardino MWD (Unit 3)	Conduit Hydro	2011	308		
2013	60354	San Bernardino MWD (Unit 3)	Conduit Hydro	2012	220		
2013	60354	San Bernardino MWD (Unit 3)	Conduit Hydro	2013	3		
2013	60355	American Energy, Inc. (Fullerton Hydro)	Conduit Hydro	2011	854		
2013	60355	American Energy, Inc. (Fullerton Hydro)	Conduit Hydro	2012	876		
2013	60355	American Energy, Inc. (Fullerton Hydro)	Conduit Hydro	2013	736		
2013	60356	Monte Vista Water District	Conduit Hydro	2011	293		
2013	60356	Monte Vista Water District	Conduit Hydro	2012	1,283		
2013	60356	Monte Vista Water District	Conduit Hydro	2013	179		
2013	60358	Springville Hydro	Conduit Hydro	2011	1,137		
2013	60358	Springville Hydro	Conduit Hydro	2012	2,220		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60358	Springville Hydro	Conduit Hydro	2013	2,932		
2013	60359	Sunray Energy, Inc.	Solar Thermal Electric	2011	52,090	52,091	
2013	60359	Sunray Energy, Inc.	Solar Thermal Electric	2012	51,917	51,914	
2013	60359	Sunray Energy, Inc.	Solar Thermal Electric	2013	48,409	48,320	
2013	60360	Luz Solar Partners Ltd. III	Solar Thermal Electric	2011	81,543	81,495	
2013	60360	Luz Solar Partners Ltd. III	Solar Thermal Electric	2012	71,032	70,934	
2013	60360	Luz Solar Partners Ltd. III	Solar Thermal Electric	2013	62,584	62,510	
2013	60361	Luz Solar Partners Ltd. IV	Solar Thermal Electric	2011	74,580	74,530	
2013	60361	Luz Solar Partners Ltd. IV	Solar Thermal Electric	2012	78,851	78,718	
2013	60361	Luz Solar Partners Ltd. IV	Solar Thermal Electric	2013	63,627	63,617	
2013	60362	Luz Solar Partners Ltd. V	Solar Thermal Electric	2011	78,825	78,777	
2013	60362	Luz Solar Partners Ltd. V	Solar Thermal Electric	2012	81,433	81,382	
2013	60362	Luz Solar Partners Ltd. V	Solar Thermal Electric	2013	62,885	62,885	
2013	60363	Luz Solar Partners Ltd. VI	Solar Thermal Electric	2011	83,820	162,396	
2013	60363	Luz Solar Partners Ltd. VI	Solar Thermal Electric	2012	78,742		
2013	60363	Luz Solar Partners Ltd. VI	Solar Thermal Electric	2013	58,980	58,980	
2013	60364	Luz Solar Partners Ltd. VII	Solar Thermal Electric	2011	81,762	81,709	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60364	Luz Solar Partners Ltd. VII	Solar Thermal Electric	2012	78,083	77,982	
2013	60364	Luz Solar Partners Ltd. VII	Solar Thermal Electric	2013	54,731	54,730	
2013	60365	Luz Solar Partners Ltd. VIII	Solar Thermal Electric	2011	213,970	214,013	
2013	60365	Luz Solar Partners Ltd. VIII	Solar Thermal Electric	2012	202,603	202,146	
2013	60365	Luz Solar Partners Ltd. VIII	Solar Thermal Electric	2013	158,884	158,883	
2013	60366	Luz Solar Partners Ltd. IX	Solar Thermal Electric	2011	222,194	222,196	
2013	60366	Luz Solar Partners Ltd. IX	Solar Thermal Electric	2012	225,521	224,457	
2013	60366	Luz Solar Partners Ltd. IX	Solar Thermal Electric	2013	170,043	169,734	
2013	60368	FPLEnergy Cabazon Wind, LLC	Wind	2011	71,379		
2013	60368	FPLEnergy Cabazon Wind, LLC	Wind	2012	72,279		
2013	60368	FPLEnergy Cabazon Wind, LLC	Wind	2013	66,564		
2013	60369	MOGUL ENERGY PARTNERS I, L.L.C.	Wind	2011	10,870		
2013	60369	MOGUL ENERGY PARTNERS I, L.L.C.	Wind	2012	5,276		
2013	60370	Mesa Wind Farm	Wind	2011	53,007		
2013	60370	Mesa Wind Farm	Wind	2012	11,687		
2013	60371	San Gorgonio Farms Wind Farm	Wind	2011	74,800		
2013	60371	San Gorgonio Farms Wind Farm	Wind	2012	11,011		
2013	60372	Windland Refresh 1	Wind	2011	14,642		
2013	60372	Windland Refresh 1	Wind	2012	16,734		
2013	60372	Windland Refresh 1	Wind	2013	15,697		
2013	60373	Windsong Wind Park	Wind	2011	12		
2013	60373	Windsong Wind Park	Wind	2012	38		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60373	Windsong Wind Park	Wind	2013	105		
2013	60374	Zephyr Park c/o Oak Creek Wind Power, LLC	Wind	2011	5,560		
2013	60374	Zephyr Park c/o Oak Creek Wind Power, LLC	Wind	2012	5,746		
2013	60374	Zephyr Park c/o Oak Creek Wind Power, LLC	Wind	2013	5,956		
2013	60375	Ridgetop Energy, LLC (I)	Wind	2011	142,749		
2013	60375	Ridgetop Energy, LLC (I)	Wind	2012	130,340		
2013	60375	Ridgetop Energy, LLC (I)	Wind	2013	124,857		
2013	60377	San Gorgonio 1 - Aldrich	Wind	2011	11,940		
2013	60378	EUI Management PH	Wind	2011	47,051		
2013	60378	EUI Management PH	Wind	2012	45,012		
2013	60378	EUI Management PH	Wind	2013	45,696		
2013	60379	San Gorgonio 2 - Buckwind	Wind	2011	7,006		
2013	60380	Tehachapi Power Purchase Contract Trust	Wind	2011	103,641		
2013	60380	Tehachapi Power Purchase Contract Trust	Wind	2012	95,430		
2013	60380	Tehachapi Power Purchase Contract Trust	Wind	2013	95,813		
2013	60381	Windstream 6039 c/o Windstream Operations, LLC	Wind	2011	12,663		
2013	60381	Windstream 6039 c/o Windstream Operations, LLC	Wind	2012	10,620		
2013	60381	Windstream 6039 c/o Windstream Operations, LLC	Wind	2013	11,283		
2013	60382	Windstream 6040 c/o Windstream Operations, LLC	Wind	2011	10,236		
2013	60382	Windstream 6040 c/o Windstream Operations, LLC	Wind	2012	10,487		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60382	Windstream 6040 c/o Windstream Operations, LLC	Wind	2013	9,525		
2013	60383	Zond Systems Inc. (VG #3)	Wind	2011	8,703		
2013	60383	Zond Systems Inc. (VG #3)	Wind	2012	8,283		
2013	60383	Zond Systems Inc. (VG #3)	Wind	2013	7,385		
2013	60384	Windstream 6042 c/o Windstream Operations, LLC	Wind	2011	8,533		
2013	60384	Windstream 6042 c/o Windstream Operations, LLC	Wind	2012	10,931		
2013	60384	Windstream 6042 c/o Windstream Operations, LLC	Wind	2013	11,862		
2013	60385	Tehachapi Pass Wind	Wind	2011	19,984		
2013	60385	Tehachapi Pass Wind	Wind	2012	14,811		
2013	60385	Tehachapi Pass Wind	Wind	2013	19,219		
2013	60386	Zond Wind Systems Partners, Series 85-B	Wind	2011	25,984		
2013	60386	Zond Wind Systems Partners, Series 85-B	Wind	2012	19,588		
2013	60386	Zond Wind Systems Partners, Series 85-B	Wind	2013	25,977		
2013	60387	Section 20 Trust	Wind	2011	41,748		
2013	60387	Section 20 Trust	Wind	2012	39,862		
2013	60387	Section 20 Trust	Wind	2013	39,010		
2013	60388	Eastwind	Wind	2011	7,669		
2013	60388	Eastwind	Wind	2012	374		
2013	60388	Eastwind	Wind	2013	4,492		
2013	60389	Difwind Farms Limited V	Wind	2011	15,024		
2013	60389	Difwind Farms Limited V	Wind	2012	752		
2013	60389	Difwind Farms Limited V	Wind	2013	12,389		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60391	Edom Hills Project 1, LLC	Wind	2011	52,168	52,168	
2013	60391	Edom Hills Project 1, LLC	Wind	2012	44,664	44,665	
2013	60391	Edom Hills Project 1, LLC	Wind	2013	46,610	48,644	
2013	60392	Cameron Ridge	Wind	2011	139,830		
2013	60392	Cameron Ridge	Wind	2012	133,328		
2013	60392	Cameron Ridge	Wind	2013	128,688		
2013	60393	Windustries	Wind	2011	28,739		
2013	60393	Windustries	Wind	2012	26,217		
2013	60393	Windustries	Wind	2013	23,481		
2013	60394	Calwind Resources Inc.	Wind	2011	3,323		
2013	60395	Windridge	Wind	2011	933		
2013	60395	Windridge	Wind	2012	1,156		
2013	60395	Windridge	Wind	2013	1,057		
2013	60396	Karen Avenue Wind Farm	Wind	2011	37,110		
2013	60396	Karen Avenue Wind Farm	Wind	2012	30,488		
2013	60396	Karen Avenue Wind Farm	Wind	2013	28,584		
2013	60397	Desert Winds I PPC Trust	Wind	2011	71,863		
2013	60397	Desert Winds I PPC Trust	Wind	2012	50,763		
2013	60397	Desert Winds I PPC Trust	Wind	2013	77,597		
2013	60399	Sky River LLC (Wilderness I)	Wind	2011	83,638		
2013	60399	Sky River LLC (Wilderness I)	Wind	2012	50,994		
2013	60399	Sky River LLC (Wilderness I)	Wind	2013	71,617		
2013	60400	Sky River LLC (Wilderness II)	Wind	2011	43,366		
2013	60400	Sky River LLC (Wilderness II)	Wind	2012	25,036		
2013	60400	Sky River LLC (Wilderness II)	Wind	2013	39,823		
2013	60401	Sky River LLC (Wilderness III)	Wind	2011	43,374		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60401	Sky River LLC (Wilderness III)	Wind	2012	25,657		
2013	60401	Sky River LLC (Wilderness III)	Wind	2013	43,375		
2013	60402	Section 16-29 Trust	Wind	2011	75,458		
2013	60402	Section 16-29 Trust	Wind	2012	67,782		
2013	60402	Section 16-29 Trust	Wind	2013	67,164		
2013	60403	Difwind Partners	Wind	2011	27,424		
2013	60403	Difwind Partners	Wind	2012	25,712		
2013	60403	Difwind Partners	Wind	2013	24,702		
2013	60405	Alta Mesa Pwr. Purch. Contract Trust	Wind	2011	60,340		
2013	60405	Alta Mesa Pwr. Purch. Contract Trust	Wind	2012	57,274		
2013	60405	Alta Mesa Pwr. Purch. Contract Trust	Wind	2013	44,588		
2013	60406	Cameron Ridge 2	Wind	2011	37,578		
2013	60406	Cameron Ridge 2	Wind	2012	35,707		
2013	60406	Cameron Ridge 2	Wind	2013	34,081		
2013	60407	Ridgetop Energy, LLC (II)	Wind	2011	83,288		
2013	60407	Ridgetop Energy, LLC (II)	Wind	2012	74,199		
2013	60407	Ridgetop Energy, LLC (II)	Wind	2013	78,367		
2013	60408	Section 22 Trust	Wind	2011	41,588		
2013	60408	Section 22 Trust	Wind	2012	38,550		
2013	60408	Section 22 Trust	Wind	2013	36,875		
2013	60409	Dutch Energy	Wind	2011	19,714		
2013	60409	Dutch Energy	Wind	2012	11,454		
2013	60409	Dutch Energy	Wind	2013	17,423		
2013	60410	Westwind Trust		2011	24,957		
2013	60410	Westwind Trust		2012	20,180		
2013	60410	Westwind Trust		2013	17,769		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60411	Windland Inc. (Boxcar II)	Wind	2011	20,087		
2013	60411	Windland Inc. (Boxcar II)	Wind	2012	19,447		
2013	60411	Windland Inc. (Boxcar II)	Wind	2013	19,217		
2013	60412	San Gorgonio 3 - Carter	Wind	2011	96		
2013	60413	Victory Garden Phase IV Partner - 6102	Wind	2011	16,801		
2013	60413	Victory Garden Phase IV Partner - 6102	Wind	2012	12,537		
2013	60413	Victory Garden Phase IV Partner - 6102	Wind	2013	15,900		
2013	60414	Victory Garden Phase IV Partner - 6103	Wind	2011	12,589		
2013	60414	Victory Garden Phase IV Partner - 6103	Wind	2012	8,907		
2013	60414	Victory Garden Phase IV Partner - 6103	Wind	2013	12,360		
2013	60415	Victory Garden Phase IV Partner - 6104	Wind	2011	15,247		
2013	60415	Victory Garden Phase IV Partner - 6104	Wind	2012	10,780		
2013	60415	Victory Garden Phase IV Partner - 6104	Wind	2013	14,449		
2013	60416	Caithness 251 Wind, LLC (Monolith X)	Wind	2011	8,956		
2013	60416	Caithness 251 Wind, LLC (Monolith X)	Wind	2012	7,091		
2013	60416	Caithness 251 Wind, LLC (Monolith X)	Wind	2013	7,277		
2013	60417	Caithness 251 Wind, LLC (Monolith XI)	Wind	2011	8,028		
2013	60417	Caithness 251 Wind, LLC (Monolith XI)	Wind	2012	6,168		
2013	60417	Caithness 251 Wind, LLC (Monolith XI)	Wind	2013	8,066		
2013	60418	Caithness 251 Wind, LLC (Monolith XII)	Wind	2011	10,176		
2013	60418	Caithness 251 Wind, LLC (Monolith XII)	Wind	2012	8,148		
2013	60418	Caithness 251 Wind, LLC (Monolith XII)	Wind	2013	10,436		
2013	60419	Caithness 251 Wind, LLC (Monolith XIII)	Wind	2011	7,801		
2013	60419	Caithness 251 Wind, LLC (Monolith XIII)	Wind	2012	6,106		
2013	60419	Caithness 251 Wind, LLC (Monolith XIII)	Wind	2013	8,074		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60420	Windstream 6111 c/o Windstream Operations, LLC	Wind	2011	8,092		
2013	60420	Windstream 6111 c/o Windstream Operations, LLC	Wind	2012	7,394		
2013	60420	Windstream 6111 c/o Windstream Operations, LLC	Wind	2013	6,612		
2013	60421	Painted Hills Windpark	Wind	2011	37,859		
2013	60421	Painted Hills Windpark	Wind	2012	32,200		
2013	60421	Painted Hills Windpark	Wind	2013	31,738		
2013	60422	Desert Winds II Pwr Purch Trst	Wind	2011	204,662		
2013	60422	Desert Winds II Pwr Purch Trst	Wind	2012	152,497		
2013	60422	Desert Winds II Pwr Purch Trst	Wind	2013	200,581		
2013	60423	Desert Wind III PPC Trust	Wind	2011	66,679		
2013	60423	Desert Wind III PPC Trust	Wind	2012	46,047		
2013	60423	Desert Wind III PPC Trust	Wind	2013	63,504		
2013	60424	San Gorgonio 4 - Renwind	Wind	2011	2,079		
2013	60428	San Gorgonio 5 - Triad	Wind	2011	22,418		
2013	60428	San Gorgonio 5 - Triad	Wind	2012	9,767		
2013	60428	San Gorgonio 5 - Triad	Wind	2013	7,627		
2013	60429	Oak Creek Energy Systems Inc.	Wind	2011	63,884		
2013	60429	Oak Creek Energy Systems Inc.	Wind	2012	60,092		
2013	60429	Oak Creek Energy Systems Inc.	Wind	2013	57,103		
2013	60444	Bishop Creek No. 2	Small Hydro	2011	40,871		
2013	60444	Bishop Creek No. 2	Small Hydro	2012	29,159		
2013	60444	Bishop Creek No. 2	Small Hydro	2013	21,013		
2013	60446	Bishop Creek No. 3	Small Hydro	2011	43,924		
2013	60446	Bishop Creek No. 3	Small Hydro	2012	26,891		
2013	60446	Bishop Creek No. 3	Small Hydro	2013	18,176		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60447	Bishop Creek No. 4	Small Hydro	2011	51,784		
2013	60447	Bishop Creek No. 4	Small Hydro	2012	37,677		
2013	60447	Bishop Creek No. 4	Small Hydro	2013	24,226		
2013	60448	Bishop Creek No. 5	Small Hydro	2011	19,001		
2013	60448	Bishop Creek No. 5	Small Hydro	2012	12,178		
2013	60448	Bishop Creek No. 5	Small Hydro	2013	8,662		
2013	60449	Bishop Creek No. 6	Small Hydro	2011	13,373		
2013	60449	Bishop Creek No. 6	Small Hydro	2012	10,572		
2013	60449	Bishop Creek No. 6	Small Hydro	2013	8,293		
2013	60450	Borel	Small Hydro	2011	61,012		
2013	60450	Borel	Small Hydro	2012	49,233		
2013	60450	Borel	Small Hydro	2013	7,336		
2013	60451	Fontana	Small Hydro	2011	7,821		
2013	60451	Fontana	Small Hydro	2012	5,227		
2013	60451	Fontana	Small Hydro	2013	2,902		
2013	60452	Kaweah No. 1	Small Hydro	2011	10,863		
2013	60452	Kaweah No. 1	Small Hydro	2012	7,594		
2013	60452	Kaweah No. 1	Small Hydro	2013	6,011		
2013	60453	Kaweah No. 2	Small Hydro	2011	13,855		
2013	60453	Kaweah No. 2	Small Hydro	2012	6,732		
2013	60453	Kaweah No. 2	Small Hydro	2013	6,718		
2013	60454	Kaweah No. 3	Small Hydro	2011	4,156		
2013	60454	Kaweah No. 3	Small Hydro	2012	7,104		
2013	60454	Kaweah No. 3	Small Hydro	2013	11,122		
2013	60455	Kern River No. 1	Small Hydro	2011	203,240		
2013	60455	Kern River No. 1	Small Hydro	2012	161,220		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60455	Kern River No. 1	Small Hydro	2013	61,308		
2013	60456	Lundy	Small Hydro	2011	13,068		
2013	60456	Lundy	Small Hydro	2012	2,314		
2013	60456	Lundy	Small Hydro	2013	4,838		
2013	60457	Lytle Creek	Small Hydro	2011	2,969		
2013	60457	Lytle Creek	Small Hydro	2012	2,667		
2013	60457	Lytle Creek	Small Hydro	2013	1,352		
2013	60458	Mill Creek No. 1	Small Hydro	2011	5,119		
2013	60458	Mill Creek No. 1	Small Hydro	2012	4,201		
2013	60458	Mill Creek No. 1	Small Hydro	2013	2,910		
2013	60459	Mill Creek No. 3	Small Hydro	2011	12,624		
2013	60459	Mill Creek No. 3	Small Hydro	2012	7,407		
2013	60459	Mill Creek No. 3	Small Hydro	2013	5,817		
2013	60460	Ontario No. 1	Small Hydro	2011	2,781		
2013	60460	Ontario No. 1	Small Hydro	2012	1,901		
2013	60460	Ontario No. 1	Small Hydro	2013	766		
2013	60461	Ontario No. 2	Small Hydro	2011	1,701		
2013	60461	Ontario No. 2	Small Hydro	2012	129		
2013	60461	Ontario No. 2	Small Hydro	2013	10		
2013	60462	Poole	Small Hydro	2011	37,325		
2013	60462	Poole	Small Hydro	2012	7,996		
2013	60462	Poole	Small Hydro	2013	8,568		
2013	60463	Portal	Small Hydro	2011	8,987		
2013	60463	Portal	Small Hydro	2012	15,160		
2013	60463	Portal	Small Hydro	2013	16,132		
2013	60464	Rush Creek	Small Hydro	2011	48,384		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60464	Rush Creek	Small Hydro	2012	17,930		
2013	60464	Rush Creek	Small Hydro	2013	40,023		
2013	60465	Santa Ana No. 1	Small Hydro	2011	3,511		
2013	60465	Santa Ana No. 1	Small Hydro	2012	1,146		
2013	60465	Santa Ana No. 1	Small Hydro	2013	2,163		
2013	60466	Santa Ana River No. 3	Small Hydro	2011	7,221		
2013	60466	Santa Ana River No. 3	Small Hydro	2012	5,244		
2013	60466	Santa Ana River No. 3	Small Hydro	2013	3,790		
2013	60467	Sierra	Small Hydro	2011	3,743		
2013	60467	Sierra	Small Hydro	2012	1,634		
2013	60467	Sierra	Small Hydro	2013	806		
2013	60468	Tule	Small Hydro	2012	11,092		
2013	60468	Tule	Small Hydro	2013	6,127		
2013	60487	Mountain View Power Partners IV, LLC	Wind	2012	156,462		
2013	60487	Mountain View Power Partners IV, LLC	Wind	2013	163,883		
2013	60542	Dillon Wind	Wind	2011	161,588		
2013	60542	Dillon Wind	Wind	2012	138,161		
2013	60542	Dillon Wind	Wind	2013	147,150		
2013	60562	Leaning Juniper	Wind	2011	117,673		
2012	60562	Leaning Juniper	Wind	2012	97,437		
2013	60564	Wolverine Creek	Wind	2011	7,043		
2012	60564	Wolverine Creek	Wind	2012	6,076		
2013	60602	Klondike Wind Power III	Wind	2011	139,365		
2013	60606	Shepherds Flat North	Wind	2011	48,814		
2012	60606	Shepherds Flat North	Wind	2012	512,181		26,509
2013	60606	Shepherds Flat North	Wind	2013	542,117		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60620	Venice Power Plant	Conduit Hydro	2011	14,334		
2013	60620	Venice Power Plant	Conduit Hydro	2012	6,972		
2013	60621	Temescal Power Plant	Conduit Hydro	2011	13,700		
2013	60621	Temescal Power Plant	Conduit Hydro	2012	17,151		
2013	60621	Temescal Power Plant	Conduit Hydro	2013	13,998		
2013	60622	Corona Power Plant	Conduit Hydro	2011	12,035		
2013	60622	Corona Power Plant	Conduit Hydro	2012	16,418		
2013	60622	Corona Power Plant	Conduit Hydro	2013	13,844		
2013	60625	Red Mountain Power Plant	Conduit Hydro	2011	32,851		
2013	60625	Red Mountain Power Plant	Conduit Hydro	2012	25,843		
2013	60625	Red Mountain Power Plant	Conduit Hydro	2013	21,524		
2013	60640	North Brawley	Geothermal	2011	188,675		
2013	60640	North Brawley	Geothermal	2012	188,245		
2013	60640	North Brawley	Geothermal	2013	189,810		
2013	60655	NRG Solar Blythe LLC	Photovoltaic	2011	49,499		
2013	60655	NRG Solar Blythe LLC	Photovoltaic	2012	47,538		
2013	60655	NRG Solar Blythe LLC	Photovoltaic	2013	46,606		
2013	60680	Badlands Landfill	Biomethane	2011	3,668		
2013	60680	Badlands Landfill	Biomethane	2012	2,330		
2013	60680	Badlands Landfill	Biomethane	2013	3,493		
2013	60691	Goshen Phase II	Wind	2010	27		
2013	60691	Goshen Phase II	Wind	2011	414,606		
2012	60691	Goshen Phase II	Wind	2012	368,924		
2013	60691	Goshen Phase II	Wind	2013	332,110		
2013	60692	Colmac Energy Mecca Plant	Biomass	2011	342,800	342,408	
2013	60692	Colmac Energy Mecca Plant	Biomass	2012	114,715	327,410	

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60707	SPVP001	Photovoltaic	2011	2,707		
2013	60729	Marengo	Wind	2011	138,514		
2012	60729	Marengo	Wind	2012	133,855		
2013	60730	Marengo II	Wind	2011	46,514		
2012	60730	Marengo II	Wind	2012	52,565		
2013	60745	Hopkins Ridge Wind Project	Wind	2011	85,429		
2013	60746	Wild Horse Wind Project	Wind	2011	125,993		
2013	60754	Sierra Suntower Solar Generating Station	Solar Thermal Electric	2011	283		
2013	60754	Sierra Suntower Solar Generating Station	Solar Thermal Electric	2012	807		
2013	60754	Sierra Suntower Solar Generating Station	Solar Thermal Electric	2013	94		
2013	60757	SPVP002	Photovoltaic	2011	1,345		
2013	60757	SPVP002	Photovoltaic	2012	919		
2013	60770	Toland Road Landfill Gas to Energy Project	Biomethane	2011	7,884		
2013	60770	Toland Road Landfill Gas to Energy Project	Biomethane	2012	7,248		
2013	60770	Toland Road Landfill Gas to Energy Project	Biomethane	2013	4,440		
2013	60794	Alta Wind I Energy Center	Wind	2011	396,900		
2013	60794	Alta Wind I Energy Center	Wind	2012	354,655		
2013	60794	Alta Wind I Energy Center	Wind	2013	400,292		
2013	60795	Alta Wind II Energy Center	Photovoltaic	2011	337,637		
2013	60795	Alta Wind II Energy Center	Photovoltaic	2012	297,753		
2013	60795	Alta Wind II Energy Center	Photovoltaic	2013	351,084		
2013	60805	Glenrock I	Wind	2011	17,856		
2012	60805	Glenrock I	Wind	2012	24,426		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2012	60806	Rolling Hills	Wind	2012	13,424		
2013	60810	Windstar	Wind	2012	211,819		
2013	60810	Windstar	Wind	2013	310,984		
2013	60823	RE Rio Grande	Photovoltaic	2013	337		
2013	60838	RE Victor Phelan Solar One	Photovoltaic	2013	3,698		
2013	60856	RE Rosamond Two	Photovoltaic	2013	1,144		
2013	60879	SPVP003	Photovoltaic	2011	1,515		
2013	60879	SPVP003	Photovoltaic	2012	1,155		
2013	60901	Diamond Valley Lake Small Conduit Hydroelectric Power Plant	Conduit Hydro	2011	31,321		
2013	60901	Diamond Valley Lake Small Conduit Hydroelectric Power Plant	Conduit Hydro	2012	64,909		
2013	60901	Diamond Valley Lake Small Conduit Hydroelectric Power Plant	Conduit Hydro	2013	21,300		
2013	60929	Newberry Solar 1 LLC a Delaware limited liability company	Photovoltaic	2013	210		
2013	60934	Heliocentric	Photovoltaic	2012	2,399		
2013	60934	Heliocentric	Photovoltaic	2013	3,432		
2013	60937	Antelope Power Plant	Photovoltaic	2013	49,207		
2013	60940	Desert Sunlight 250, LLC	Photovoltaic	2013	31,091		
2013	61019	L-8 Solar Project	Photovoltaic	2012	2,000		
2013	61019	L-8 Solar Project	Photovoltaic	2013	3,500		
2013	61020	Mammoth Pool Fish Water Generator	Small Hydro	2011	809		
2013	61020	Mammoth Pool Fish Water Generator	Small Hydro	2012	1,975		
2013	61020	Mammoth Pool Fish Water Generator	Small Hydro	2013	1,438		
2013	61021	Sevilla Farms, Inc.	Biomethane	2011	68		
2013	61021	Sevilla Farms, Inc.	Biomethane	2012	33		
2011	61035	SPVP 006	Photovoltaic	2011	1,308		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61035	SPVP 006	Photovoltaic	2011	2,561		
2013	61035	SPVP 006	Photovoltaic	2012	4,034		
2011	61036	SPVP 008	Photovoltaic	2011	1,739		
2013	61036	SPVP 008	Photovoltaic	2011	2,723		
2013	61036	SPVP 008	Photovoltaic	2012	4,518		
2011	61037	SPVP 009	Photovoltaic	2011	907		
2013	61037	SPVP 009	Photovoltaic	2011	1,330		
2013	61037	SPVP 009	Photovoltaic	2012	2,228		
2011	61038	SPVP 012	Photovoltaic	2011	460		
2013	61038	SPVP 012	Photovoltaic	2011	645		
2013	61038	SPVP 012	Photovoltaic	2012	1,038		
2011	61039	SPVP022 RDC 6	Photovoltaic	2011	299		
2013	61039	SPVP022 RDC 6	Photovoltaic	2011	4,476		27
2013	61039	SPVP022 RDC 6	Photovoltaic	2012	2,090		
2013	61065	SEPV 1	Photovoltaic	2012	3,523		
2013	61065	SEPV 1	Photovoltaic	2013	5,390		
2013	61066	SEPV 2	Photovoltaic	2012	1,686		
2013	61066	SEPV 2	Photovoltaic	2013	4,546		
2013	61092	Alta Wind III Energy Center	Wind	2011	372,385		
2013	61092	Alta Wind III Energy Center	Wind	2012	320,108		
2013	61092	Alta Wind III Energy Center	Wind	2013	363,403		
2013	61093	Alta Wind IV Energy Center	Wind	2011	167,892		
2013	61093	Alta Wind IV Energy Center	Wind	2012	150,639		
2013	61093	Alta Wind IV Energy Center	Wind	2013	179,646		
2013	61094	Alta Wind V Energy Center	Wind	2011	246,561		
2013	61094	Alta Wind V Energy Center	Wind	2012	244,646		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61094	Alta Wind V Energy Center	Wind	2013	273,033		
2013	61157	Highlander Solar 1, LLC (formerly SEPV8)	Photovoltaic	2013	18,709		
2013	61158	Highlander Solar 2, LLC (formerly SEPV9)	Photovoltaic	2013	15,053		
2013	61162	RE Columbia 3	Photovoltaic	2013	726		
2012	61196	North Palm Springs 1A	Photovoltaic	2012	23		
2013	61196	North Palm Springs 1A	Photovoltaic	2012	3,739		
2013	61196	North Palm Springs 1A	Photovoltaic	2013	5,304		
2013	61197	North Palm Springs 4A	Photovoltaic	2013	7,535		
2011	61235	SPVP005 RDC 1	Photovoltaic	2011	3,740		
2012	61235	SPVP005 RDC 1	Photovoltaic	2012	2,983		
2013	61235	SPVP005 RDC 1	Photovoltaic	2012	801		
2011	61236	SPVP007 RDC 3	Photovoltaic	2011	3,279		
2012	61236	SPVP007 RDC 3	Photovoltaic	2012	2,997		
2013	61236	SPVP007 RDC 3	Photovoltaic	2012	628		
2011	61237	SPVP 016	Photovoltaic	2011	1,168		
2012	61237	SPVP 016	Photovoltaic	2012	1,607		
2011	61238	SPVP023 TIE 1	Photovoltaic	2011	3,741		
2012	61238	SPVP023 TIE 1	Photovoltaic	2012	3,668		
2011	61239	SPVP 032	Photovoltaic	2011	28		
2012	61239	SPVP 032	Photovoltaic	2012	1,352		
2011	61240	SPVP 033	Photovoltaic	2011	46		
2012	61240	SPVP 033	Photovoltaic	2012	1,211		
2011	61241	SPVP042 Porterville	Photovoltaic	2011	10,593		
2012	61241	SPVP042 Porterville	Photovoltaic	2012	6,959		
2013	61241	SPVP042 Porterville	Photovoltaic	2012	2,031		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	61287	Mustang Hills, LLC	Wind	2011	6,812		
2012	61287	Mustang Hills, LLC	Wind	2012	27,699		
2013	61287	Mustang Hills, LLC	Wind	2012	202,562		
2013	61287	Mustang Hills, LLC	Wind	2013	303,507		
2011	61288	Alta VIII Wind Energy Center	Wind	2011	7,972		
2013	61288	Alta VIII Wind Energy Center	Wind	2012	233,276		
2013	61288	Alta VIII Wind Energy Center	Wind	2013	285,965		
2013	61419	One Miracle Property, LLC	Photovoltaic	2011	1,289		
2013	61419	One Miracle Property, LLC	Photovoltaic	2012	1,617		
2013	61419	One Miracle Property, LLC	Photovoltaic	2013	1,637		
2013	61431	Ormesa Geothermal I	Geothermal	2011	87,620		
2013	61431	Ormesa Geothermal I	Geothermal	2012	166,996		
2013	61431	Ormesa Geothermal I	Geothermal	2013	353,879		
2013	61438	Temescal Canyon RV, LLC	Photovoltaic	2011	865		
2013	61438	Temescal Canyon RV, LLC	Photovoltaic	2012	2,617		
2013	61438	Temescal Canyon RV, LLC	Photovoltaic	2013	2,644		
2013	61467	Wind Resource I	Wind	2011	12,079	15,402	
2013	61467	Wind Resource I	Wind	2012	14,342		
2013	61468	Wind Resource II	Wind	2011	40,409	52,451	
2013	61468	Wind Resource II	Wind	2012	50,812		
2013	61468	Wind Resource II	Wind	2013	39,467	48,656	
2013	61623	Building C1	Photovoltaic	2012	1,897		
2013	61623	Building C1	Photovoltaic	2013	1,966		
2012	61624	Building D	Photovoltaic	2012	31		
2013	61624	Building D	Photovoltaic	2012	1,688		
2013	61624	Building D	Photovoltaic	2013	2,121		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61625	Radiance Solar 5	Photovoltaic	2013	1,719		
2013	61626	Radiance Solar 4	Photovoltaic	2013	1,724		
2012	61668	Shepherds Flat Central	Wind	2012	396,108		
2013	61668	Shepherds Flat Central	Wind	2013	585,493		
2012	61669	Shepherds Flat South	Wind	2012	362,839		
2013	61669	Shepherds Flat South	Wind	2013	612,269		
2013	61707	Marinos Ventures, LLC	Photovoltaic	2013	468		
2013	61735	SunEdison - Corona	Photovoltaic	2013	1,279		
2011	61741	SPVP010 - Fontana	Photovoltaic	2011	1,975		
2012	61741	SPVP010 - Fontana	Photovoltaic	2012	2,193		
2011	61742	SPVP 011	Photovoltaic	2011	638		
2012	61742	SPVP 011	Photovoltaic	2012	4,745		
2011	61743	SPVP 013	Photovoltaic	2011	1,231		
2012	61743	SPVP 013	Photovoltaic	2012	4,004		
2011	61744	SPVP015	Photovoltaic	2011	76		
2012	61744	SPVP015	Photovoltaic	2012	2,571		
2011	61745	SPVP 017	Photovoltaic	2011	198		
2012	61745	SPVP 017	Photovoltaic	2012	3,524		
2011	61746	SPVP018 - Fontana	Photovoltaic	2011	1,985		
2012	61746	SPVP018 - Fontana	Photovoltaic	2012	2,006		
2011	61747	SPVP 026	Photovoltaic	2011	3,403		
2012	61747	SPVP 026	Photovoltaic	2012	6,595		
2011	61748	SPVP 028	Photovoltaic	2011	150		
2012	61748	SPVP 028	Photovoltaic	2012	4,310		
2013	61756	Arrache 4006-1	Photovoltaic	2013	597		
2013	61757	Arrache 4006-2	Photovoltaic	2013	59		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	61758	Arrache 4013	Photovoltaic	2013	157		
2013	61759	Arrache 8083-1	Photovoltaic	2013	1,060		
2013	61760	Arrache 8083-2	Photovoltaic	2013	1,012		
2013	61761	Arrache 8083-3	Photovoltaic	2013	718		
2013	61772	Horn 4097	Photovoltaic	2013	763		
2013	61775	MA 4035	Photovoltaic	2013	780		
2013	61777	Nunn 8135	Photovoltaic	2013	1,028		
2013	61795	Vinam 9011	Photovoltaic	2013	1,645		
2013	61796	Watts 3115-1	Photovoltaic	2013	1,475		
2013	61797	Watts 3115-2	Photovoltaic	2013	33		
2013	61807	Pinyon Pines Wind I, LLC	Wind	2013	347,994		
2013	61808	Pinyon Pines Wind II, LLC	Wind	2013	258,683		
2012	61819	Industry MetroLink PV 1	Photovoltaic	2012	34		
2013	61819	Industry MetroLink PV 1	Photovoltaic	2012	2,418		
2013	61819	Industry MetroLink PV 1	Photovoltaic	2013	3,076		
2013	61940	SS San Antonio West, LLC	Photovoltaic	2012	1,456		
2013	61940	SS San Antonio West, LLC	Photovoltaic	2013	3,238		
2013	61993	USDA - Forest Service, San Dimas Technology and Development Center	Photovoltaic	2012	126		
2013	61993	USDA - Forest Service, San Dimas Technology and Development Center	Photovoltaic	2013	334		
2013	62287	California PV Energy at 2825 Jurupa Avenue, Ontario	Photovoltaic	2013	99		
2013	62292	California PV Energy at 1670 Champagne Avenue, Ontario	Photovoltaic	2013	59		
					46,158,663		**26,536**

Table A-21: San Diego Gas & Electric Company 2011-2013 RPS Summary Claims Report

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2011	60736	Cabazon Wind Partners	Wind	2009	125,256		
2011	60737	Whitewater Hill Wind Partners	Wind	2009	188,708		
2011	60736	Cabazon Wind Partners	Wind	2010	125,931		
2011	60737	Whitewater Hill Wind Partners	Wind	2010	163,808		
2012	60086	SPI Anderson I	Biomass	2010	22,739		
2012	60087	SPI Burney	Biomass	2010	18,221		
2012	60088	SPI Lincoln	Biomass	2010	37,763		
2012	60089	SPI Quincy	Biomass	2010	23,480		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2011	44,040		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2011	72,205		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2011	20,000		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2011	79,000		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2011	95,000		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2011	42,276		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2011	37,175		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2011	42,000		
2013	60011	Sycamore Energy 1 LLC	Biomethane	2011	1,747		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2011	90,600		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2011	84,000		
2013	60029	Cellc 7.5 MW Tehachapi Wind Project	Wind	2011	26,112		
2013	60430	Mountain View III	Wind	2011	74,153		
2013	60431	AES Delano, Inc.	Biomass	2011	343,984		
2013	60432	Kumeyaay Wind Energy Facility	Wind	2011	176,054		
2013	60433	Otay Landfill Gas LLC (Otay I)	Biomethane	2011	12,441		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60434	Otay Landfill Gas LLC (Otay II)	Biomethane	2011	11,870		
2013	60435	San Marcos Energy LLC	Biomethane	2011	5,738		
2013	60438	Santa Fe Irrigation District - Badger Filtration Plant	Conduit Hydro	2011	346		
2013	60439	Bear Valley Hydro	Conduit Hydro	2011	16		
2013	60441	Olivenhain Municipal Water District	Conduit Hydro	2011	852		
2013	60442	San Francisco Peak Hydro Plant	Conduit Hydro	2011	572		
2013	60443	FPL Energy Green Power Wind LLC	Wind	2011	35,706		
2013	60445	Phoenix Wind	Wind	2011	6,446		
2013	60470	Rancho Penasquitos Pressure Control Hydroelectric Facility	Conduit Hydro	2011	15,080		
2013	60481	MM San Diego Energy (Miramar)	Biomethane	2011	29,923	29,922	
2013	60482	MM San Diego Energy (North City)	Biomethane	2011	8,137	8,138	
2013	60485	FMG Coyote Canyon	Biomethane	2011	50,425	50,426	
2013	60486	Sycamore Canyon 2	Biomethane	2011	13,290		
2013	60489	Oasis Power Partners, LLC	Wind	2011	114,850		
2013	60551	Gas Utilization Facility	Biomethane	2011	17,856	35,037	
2013	60552	MM Prima Deshecha Energy, LLC	Biomethane	2011	38,249		
2013	60571	Otay Landfill Gas LLC (Otay III)	Biomethane	2011	23,445		
2013	60690	Blue Lake Power LLC	Biomass	2011	9,621	9,621	
2013	60708	Glacier Wind Energy 1 Facility	Wind	2011	315,043		
2013	60709	Glacier Wind Energy 2 Facility	Wind	2011	324,659		
2013	60736	Cabazon Wind Partners	Wind	2011	128,213		
2013	60737	Whitewater Hill Wind Partners	Wind	2011	203,633		
2013	60761	SDG&E-owned PV system at Innovative Cold Storage Enterprises	Photovoltaic	2011	885		
2013	60762	SDG&E-owned PV system at Del Sur Elementary School	Photovoltaic	2011	87		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60881	SDG&E-Owned PV System at X-nth	Photovoltaic	2011	74		
2013	60882	SDG&E-Owned PV System at Ladera Ranch I	Photovoltaic	2011	87		
2013	60883	SDG&E-Owned PV System at Hunter Industries, Inc	Photovoltaic	2011	195		
2013	60884	SDG&E-Owned PV System at the Towers at Bressi Ranch	Photovoltaic	2011	151		
2013	60908	Geothermal 1, Unit 1	Geothermal	2011	39,284		
2013	60909	Geothermal 1, Unit 2	Geothermal	2011	44,166		
2013	60910	Geothermal 2, Unit 3	Geothermal	2011	8		
2013	60911	Geothermal 2, Unit 4	Geothermal	2011	93,222		
2013	60969	Point Loma Hydro	Conduit Hydro	2011	2,700		
2013	61249	SDG&E-owned PV system at Amylin Pharmaceuticals	Photovoltaic	2011	381		
2013	61250	SDG&E-owned PV system at SD Community College District- Skills Center	Photovoltaic	2011	103		
2013	61251	SDG&E- owned PV system at Sanford-burnham Medical Research Institute I	Photovoltaic	2011	401		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2012	18,600		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2012	182,400		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2012	111,000		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2012	126,008		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2012	129,093		
2013	60008	Calpine Geothermal Unit 18	Geothermal	2012	118,546		
2013	60009	Calpine Geothermal Unit 20	Geothermal	2012	6,456		
2013	60010	Sonoma/Calpine Geyser	Geothermal	2012	3,000		
2013	60011	Sycamore Energy 1 LLC	Biomethane	2012	2,597		
2013	60025	Calpine Geothermal Unit 11	Geothermal	2012	18,600		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60026	Calpine Geothermal Unit 14	Geothermal	2012	108,320		
2013	60029	Cellc 7.5 MW Tehachapi Wind Project	Wind	2012	28,739		
2013	60370	Mesa Wind Farm	Wind	2012	34,197		
2013	60430	Mountain View III	Wind	2012	70,313		
2013	60431	AES Delano, Inc.	Biomass	2012	322,021		
2013	60432	Kumeyaay Wind Energy Facility	Wind	2012	136,306		
2013	60433	Otay Landfill Gas LLC (Otay I)	Biomethane	2012	12,432		
2013	60434	Otay Landfill Gas LLC (Otay II)	Biomethane	2012	12,602		
2013	60435	San Marcos Energy LLC	Biomethane	2012	12,343		
2013	60438	Santa Fe Irrigation District - Badger Filtration Plant	Conduit Hydro	2012	364		
2013	60439	Bear Valley Hydro	Conduit Hydro	2012	87		
2013	60441	Olivenhain Municipal Water District	Conduit Hydro	2012	1,026		
2013	60442	San Francisco Peak Hydro Plant	Conduit Hydro	2012	580		
2013	60443	FPL Energy Green Power Wind LLC	Wind	2012	29,305		
2013	60445	Phoenix Wind	Wind	2012	6,305		
2013	60470	Rancho Penasquitos Pressure Control Hydroelectric Facility	Conduit Hydro	2012	18,503		
2013	60481	MM San Diego Energy (Miramar)	Biomethane	2012	28,963	28,964	
2013	60482	MM San Diego Energy (North City)	Biomethane	2012	8,320	8,320	
2013	60485	FMG Coyote Canyon	Biomethane	2012	51,606	49,599	2,008
2013	60486	Sycamore Canyon 2	Biomethane	2012	11,969		
2013	60489	Oasis Power Partners, LLC	Wind	2012	124,433		
2013	60551	Gas Utilization Facility	Biomethane	2012	17,689	37,699	
2013	60552	MM Prima Deshecha Energy, LLC	Biomethane	2012	43,123		
2013	60571	Otay Landfill Gas LLC (Otay III)	Biomethane	2012	22,414		
2013	60632	Puente Hills Gas-To-Energy Facility - Phase II	Biomethane	2012	16,602		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60633	Joint Water Pollution Control Plant - Total Energy Facility	Biomethane	2012	76,831	110,685	
2013	60690	Blue Lake Power LLC	Biomass	2012	52,885	53,100	
2013	60708	Glacier Wind Energy 1 Facility	Wind	2012	288,293		
2013	60709	Glacier Wind Energy 2 Facility	Wind	2012	289,846		
2013	60736	Cabazon Wind Partners	Wind	2012	118,436		
2013	60737	Whitewater Hill Wind Partners	Wind	2012	202,532		
2013	60761	SDG&E-owned PV system at Innovative Cold Storage Enterprises	Photovoltaic	2012	865		
2013	60762	SDG&E-owned PV system at Del Sur Elementary School	Photovoltaic	2012	87		
2013	60874	Rim Rock Wind Energy Facility	Wind	2012	83,661		
2013	60881	SDG&E-Owned PV System at X-nth	Photovoltaic	2012	72		
2013	60882	SDG&E-Owned PV System at Ladera Ranch I	Photovoltaic	2012	93		
2013	60883	SDG&E-Owned PV System at Hunter Industries, Inc	Photovoltaic	2012	182		
2013	60884	SDG&E-Owned PV System at the Towers at Bressi Ranch	Photovoltaic	2012	154		
2013	60908	Geothermal 1, Unit 1	Geothermal	2012	41,328		
2013	60909	Geothermal 1, Unit 2	Geothermal	2012	47,096		
2013	60910	Geothermal 2, Unit 3	Geothermal	2012	9		
2013	60911	Geothermal 2, Unit 4	Geothermal	2012	86,247		
2013	60969	Point Loma Hydro	Conduit Hydro	2012	2,712		
2013	61249	SDG&E-owned PV system at Amylin Pharmaceuticals	Photovoltaic	2012	382		
2013	61250	SDG&E-owned PV system at SD Community College District- Skills Center	Photovoltaic	2012	100		
2013	61251	SDG&E- owned PV system at Sanford-	Photovoltaic	2012	406		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
		burnham Medical Research Institute I					
2013	61400	Ocotillo Express LLC	Wind	2012	15,167		
2013	61555	Pacific Wind, LLC	Wind	2012	109,643		
2013	61590	Catalina Solar	Photovoltaic	2012	200		
2013	61671	Manzana Wind	Wind	2012	22,508		
2013	61922	SDG&E owned PV Facility at Fairfield Grossmont Trolley	Photovoltaic	2012	110		
2013	61992	SDG&E owned PV Facility at Wilco Investments	Photovoltaic	2012	613		
2013	60002	Calpine Geothermal Unit 5/6	Geothermal	2013	8,400		
2013	60003	Calpine Geothermal Unit 7-8	Geothermal	2013	87,395		
2013	60004	Calpine Geothermal Unit 12	Geothermal	2013	31,000		
2013	60006	Calpine Geothermal Unit 16	Geothermal	2013	61,000		
2013	60007	Calpine Geothermal Unit 17	Geothermal	2013	84,040		
2013	60011	Sycamore Energy 1 LLC	Biomethane	2013	3,641		
2013	60026	Calpine Geothermal Unit 14	Geothermal	2013	78,000		
2013	60029	Cellc 7.5 MW Tehachapi Wind Project	Wind	2013	18,646		
2013	60370	Mesa Wind Farm	Wind	2013	29,652		
2013	60430	Mountain View III	Wind	2013	50,342		
2013	60431	AES Delano, Inc.	Biomass	2013	156,723		
2013	60432	Kumeyaay Wind Energy Facility	Wind	2013	96,690		
2013	60433	Otay Landfill Gas LLC (Otay I)	Biomethane	2013	7,197		
2013	60434	Otay Landfill Gas LLC (Otay II)	Biomethane	2013	6,284		
2013	60435	San Marcos Energy LLC	Biomethane	2013	5,842		
2013	60438	Santa Fe Irrigation District - Badger Filtration Plant	Conduit Hydro	2013	1,064		
2013	60439	Bear Valley Hydro	Conduit Hydro	2013	81		
2013	60441	Olivenhain Municipal Water District	Conduit Hydro	2013	855		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
2013	60442	San Francisco Peak Hydro Plant	Conduit Hydro	2013	446		
2013	60443	FPL Energy Green Power Wind LLC	Wind	2013	20,033		
2013	60445	Phoenix Wind	Wind	2013	3,574		
2013	60470	Rancho Penasquitos Pressure Control Hydroelectric Facility	Conduit Hydro	2013	9,324		
2013	60481	MM San Diego Energy (Miramar)	Biomethane	2013	16,689	27,703	
2013	60482	MM San Diego Energy (North City)	Biomethane	2013	4,667	7,438	
2013	60486	Sycamore Canyon 2	Biomethane	2013	4,757		
2013	60489	Oasis Power Partners, LLC	Wind	2013	91,233		
2013	60551	Gas Utilization Facility	Biomethane	2013	15,608	34,102	
2013	60552	MM Prima Deshecha Energy, LLC	Biomethane	2013	23,812		
2013	60571	Otay Landfill Gas LLC (Otay III)	Biomethane	2013	14,106		
2013	60690	Blue Lake Power LLC	Biomass	2013	43,165		
2013	60708	Glacier Wind Energy 1 Facility	Wind	2013	287,640		
2013	60709	Glacier Wind Energy 2 Facility	Wind	2013	278,977		
2013	60736	Cabazon Wind Partners	Wind	2013	114,777		
2013	60737	Whitewater Hill Wind Partners	Wind	2013	194,922		
2013	60761	SDG&E-owned PV system at Innovative Cold Storage Enterprises	Photovoltaic	2013	525		
2013	60762	SDG&E-owned PV system at Del Sur Elementary School	Photovoltaic	2013	49		
2013	60837	Centinela Solar Energy	Photovoltaic	2013	278		
2013	60865	Arlington Valley Solar Energy II	Photovoltaic	2013	195,502		
2013	60874	Rim Rock Wind Energy Facility	Wind	2013	349,233		
2013	60881	SDG&E-Owned PV System at X-nth	Photovoltaic	2013	44		
2013	60882	SDG&E-Owned PV System at Ladera Ranch I	Photovoltaic	2013	44		
2013	60883	SDG&E-Owned PV System at Hunter	Photovoltaic	2013	109		

Reporting Year	CEC RPS ID	Facility Name	Fuel Type	Vintage Year	Annual Generation Claimed (MWh)	Eligible Generation Amount (MWh)	Amount Ineligible
		Industries, Inc					
2013	60884	SDG&E-Owned PV System at the Towers at Bressi Ranch	Photovoltaic	2013	93		
2013	60969	Point Loma Hydro	Conduit Hydro	2013	2,659		
2013	61211	NRG Solar Borrego I	Photovoltaic	2013	40,405		
2013	61249	SDG&E-owned PV system at Amylin Pharmaceuticals	Photovoltaic	2013	234		
2013	61250	SDG&E-owned PV system at SD Community College District- Skills Center	Photovoltaic	2013	60		
2013	61251	SDG&E- owned PV system at Sanford-burnham Medical Research Institute I	Photovoltaic	2013	248		
2013	61400	Ocotillo Express LLC	Wind	2013	187,674		
2013	61555	Pacific Wind, LLC	Wind	2013	275,463		
2013	61590	Catalina Solar	Photovoltaic	2013	89,072		
2013	61657	Tenaska Imperial Solar Energy Center South	Photovoltaic	2013	31,957		
2013	61671	Manzana Wind	Wind	2013	238,239		
2013	61922	SDG&E owned PV Facility at Fairfield Grossmont Trolley	Photovoltaic	2013	72		
2013	61992	SDG&E owned PV Facility at Wilco Investments	Photovoltaic	2013	445		
2013	62294	SDG&E owned PV Facility at Pacific Station	Photovoltaic	2013	37		
2013	62328	Otay Landfill Gas LLC (Otay V)	Biomethane	2013	896		
2013	62329	Otay Landfill Gas LLC (Otay VI)	Biomethane	2013	865		
					10,022,512		**2,008**