#### BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Continue

Implementation and Administration of California

RenewablesPortfolioStandardProgram.

Rulemaking 11-05-005 (Filed May 10, 2011)

#### SDG&E

#### 2004-2007 VERIFIED and August 2011 SEMI-ANNUAL COMPLIANCE REPORT PURSUANT TO THE CALIFORNIA RENEWABLES PORTFOLIO STANDARD

1-Aug-11

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#### CALIFORNIA'S RENEWABLES PORTFOLIO STANDARD Reporting and Compliance Worksheet Instructions

California's RPS Program requires investor Owned Utilities (IOU), Multi-Juriddictional Utilities (MUU), Electric Service Providers (ESP) and Community, Choice Apographore (ICAs) to file a minimum of are reports each year illustrating performance within the program. Particle may refer to the Annewnether 20, 2008 Assigned Commissioner Ruling Address Process Issues Relative to RPS Compliance Reports for more information.

such research of the Comparison despices for more innovation. The March Traper (with judges and the California Enroy) Commission (CEC) verifies procurement, as needed) avend by the Commission to determine complexes for the prop require). This reports take Nation procument data for a label three years of before (Decourd D) verifies (Decourd D) and the California reports will forecast procurement data bot to 2020. The August Traper take history Experiment Needs for groups, current year targets and procurement data, for General bas history experiment for the Art to 2020. The August Traper take history Experiment Invest for each year forward hereby 2020 (D.6):10560, page 45. 1) The August Traper foremany to each year (Source) and a single and a compliance for the data, and forecasts targets and procurement twests for each year forward through 2020 (D.6):10560, page 45. 1) The August Traper foremany to each year (Source) and a label deterniated of compliance for the Market Interpreted and a label thereiting and the compliance of the Commission transfer and and thereintable of compliance for the Source of the Source Interpreted and the Art and the Compliance of the Commission transfer and and thermission of compliance for the Source Interpreted and the Source Interpreted and the Source Interpreted and there and the Compliance of the Compliance of the Compliance Interpreted and there and there and the Compliance Interpreted and there and there and there and there and there and there an

Any bad serving-ently (LSE) seeking confidentially protection should file a declaration. Confidentially requests shall comply with the substantia and proceeding human set first in D.D.B.G.G.G., as modified by D.D.B.G.4.22.1th.Commission.<sup>1</sup> declaration is Confidentially proceeding. Numerically (19.D.B.G.G.G. and y subsequent declaration is substantial are successor proceeding. A declaration for confidentially should include the identification of all related information by tab name and cell relevance. This to confidentially should include the identification of all related information by tab name and cell relevance. This to confidentially should into the Accounting abs.

# Jou van retts Avenue San Francisco, CA 84102 > Do not send paper copies of the confidential version to anyone except the persons listed above, unless specifically requested.

Any questions regarding the completion and/or filing of this report can be directed to: Sean Simon, Energy Division. Catifornia Public Utilities Commission sean simon@cpuc.ca.gov. (415) 703-3791

Include the Title Page and fill out the following information:

 Name of the LSE filling the Report
 Date the Report is being fited
 Contact information

#### 6. Complete the Officer Verification Form in the format provided (Rule 1.11)

- 7. Yellow cells throughout the spreadsheet indicate user supplied data by the LSE where and when applicable.
- All data must be entered in MWh out to three decimal points to accurately account for retail sales, procurement and largets The spreadsheet will display MWh throughout. Do not round any reporting data, as this may trigger some cells to turn red.
- The spreadsheet included in this report has locked cells to ensure that largets, procurement and penatties are accurately calculated and reported from the data provided by the user. An unprotected version of the spreadsheet is also available by resured.
- Line #'s in the "Accounting" tab hyperlink to the "Calculations" tab, which provides additional information on the particular line item or section of the "Accounting" tab. SUMMARY TAB

Γ

- 11. The "Summary" tab is linked to the "Accounting" tab and "Procurement Detail" tab, no data entry is required
- 12. If the LSE determines that additional information is required in order to present a full and complete report, mark the box provided on the "summary" has. Any additional information should support the LSE's claim within the guidelines of the eight adversal research to monomplane. The commission in order to allow an informed decision on complance. This may include, for example, forthermal and other support and other support and other support and the support of the the support of the the support of the the support of the the commission in order to allow an informed decision on complance. This may include, for example, forthermal and other support optimations and ensempts and the support optimation and ensempts and ensempts.

ACCOUNTING TAB

- Begin by entering the relevant data for Lines 1-3, this will calculate the LSE's Baseline Procurement Amount. Enter actual and forecasted sales figures to generate Incremental Procurement Targets (IPTs) and Annual Procurement Targets (APTs).
- 14. In deficit years, the spreadsheet calculates what portion of the deficit is eligible for IPT deferral and earmarking. The user records how they elect to treat the deficit(s) is the relevant accions, including using surplus procurement. The spreadsheet calculates the allowable IPT deferral and Earmarking amount through 2020.

#### EARMARKING DETAIL

15. Enter information for contracts that are eligible for earmarking and are being used for flexible compliance purposes. Data populates the estimation grant estimation in the "Accounting" tab. LSEs about including power purchase agreements used for earmarking with their compliance filings, so Energy Division may werkly eligibility. If the LSE has provided the power purchase agreements in a prior report of filing, it does not need to be provided again.

#### PRO UREMENT DETAIL

10. <u>Procurement Summary</u>. Teal APS Elgible Procovenent is differentiated by three calegories. existing and or signed contracts, *Advi-NateQuare regestatorybending agroups*, and generic Kure cohects. This section is populated by completing the Contract Detail action body. If the LEB as each efficient of the acting facilities but cannot meet ta Annual Minimum Contracting Requirement. then delayrise tion those contracts my not bus does a contract simple to action of the acting facilities and actions and action and action actions and action

>Annual Contracting Volume Requirement: LBEs insute enter his long-term contracts or contracts with new facilities for energy delevatives equivalent to all earto 12% of that LBEs prior years "relial tasks, if intends to use delevative from andro-tim contracts endors' estimal facilities, care Song-anter auropace. LBEs must adult apporting documentation priori half the requirement has been mell (6. a grower pructase agreement for a long-am and/or new contracts). That LBE has provided the power purchase agreement as a protection (for all software manual contracts). That LBE has provided the power purchase agreement as a protection (for all software manual contracts). That LBE has provided the power purchase agreement as a protection (for all software manual contracts).

# Contracts are differentiated by Contract term-length and type (row 15:16). All deliveries from "tong term and/or new" are automatically entered into "Cumu bitve Surplus Contracting Quota Bank" (row 19) and the user must input the MWh in row 18 that the LSE needs to comply with the Annual

<u>RPS Eligible Procurement by Resource Type</u>: This report must state the amount procured or projected to be procured from each resource type (D 56/07-39). Appendix A, D 06-10-950; page 47-48). This information is reported in rows 25-38 in the Procurement Detail Tata and populated by completing the "Contract Detail" section.

<u>Contract Detail</u>: For each contract, enter actual and forecasted delivery data throughout the contract term. Do not assume that an explifing contract will be renegotiated.

> Pre-2002 Contracts: Input total annual deliveries by resource type > 2002-Presentyears' Contracts: List contracts by name, annual deliveries (MWH), project status, facility status and resource type.

2002-Present ryazer Contract. Lit contracts by name, annual deliveries (MVM), project staus, foolly status and mexoure types.
 2005-Present years Contracts. Lit contracts by name, annual deliveries (MVM), project staus, foolly status deliveries (MVM), project status, foolly status, foolly

In the "Contract Status" column, "short-listed and/or under negotiation" is an option; use the short-listed option only for projects for which the LSE has a high level of confidence that a contract will be executed.

20. If any procurement data for a specific contract differs from what is entered into the CEC-RPS-Track form for that year, the specific cell should be highlighted and the discrepancy should be explained.

#### Spreadsheet user notes

Protecting confidential data: Individual cells may be formabled black, which will serve to redact into when excel file is converted to pdf. Select cell - click on "Ni color" icon - choose black. Note: Once converted to pdf, additional steps are necessary to ensure redacted data is not accessible.

>Adding and/or deleting rows. The "Earmarking Detail" tab and "Procurement Detail" tab allows users to add to or delete rows. Within the desired section, highlight entire row(s) by selecting the excel row number(s) - right click and select "rocpy" right click split and select "insert copied cells".

SDG&E	2004
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	15,043,865	
Annual Procurement Target (APT)	446,511	3.0%
Total RPS Eligible Procurement	677,852	4.5%
Annual Procurement Surplus/(Deficit)	231,341	
Adjusted Procurement Percentage*		4.5%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	337,466	49.8%
Digester Gas	23,451	3.5%
Biodiesel	0	0.0%
Landfill Gas	189,024	27.9%
Muni Solid Waste	0	0.0%
Biopower Subtotal	549,941	81.1%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	13,134	1.9%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	114,778	16.9%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	677,852	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	N/A
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2004
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

Check box (x) if LSE is including supplemental materials necessary for a full and complete report (include attachments as needed).

- Any supplemental materials should state each reason asserted in support of deferral or waiver of penalty, consistent with allowable reasons for non-compliance listed below. (D.03-12-065, D.03-06-071, D.06-05-010 and Public Utilities Code Section 399.14(a)(2)(C)(ii).)

[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

SDG&E	2005
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	15,811,591	
Annual Procurement Target (APT)	604,627	3.8%
Total RPS Eligible Procurement	825,302	5.2%
Annual Procurement Surplus/(Deficit)	220,675	
Adjusted Procurement Percentage*		5.2%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	298,945	36.2%
Digester Gas	23,768	2.9%
Biodiesel	0	0.0%
Landfill Gas	194,455	23.6%
Muni Solid Waste	0	0.0%
Bíopower Subtotal	517,168	62.7%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	11,700	1.4%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	296,434	35.9%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	825,302	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2005
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

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SDG&E	2006
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	16,001,516	
Annual Procurement Target (APT)	764,642	4.8%
Total RPS Eligible Procurement	899,520	5.6%
Annual Procurement Surplus/(Deficit)	134,878	
Adjusted Procurement Percentage*		5.6%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	284,031	31.6%
Digester Gas	21,243	2.4%
Biodiesel	0	0.0%
Landfill Gas	179,895	20.0%
Muni Solid Waste	0	0.0%
Biopower Subtotal	485,169	53.9%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	11,584	1.3%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	402,768	44.8%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	899,520	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2006
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

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SDG&E	2007
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	16,846,888	
Annual Procurement Target (APT)	933,111	5.5%
Total RPS Eligible Procurement	880,777	5.2%
Annual Procurement Surplus/(Deficit)	(52,334)	
Adjusted Procurement Percentage*		5.5%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	217,967	24.7%
Digester Gas	18,466	2.1%
Biodiesel	0	0.0%
Landfill Gas	153,184	17.4%
Muni Solid Waste	0	0.0%
Bíopower Subtotal	389,617	44.2%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	21,302	2.4%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	469,859	53.3%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	880,777	100.0%

Flexible Compliance	MWh	
IPT Deferral	0	
Earmarking	0	
Banked Procurement Applied	52,334	
Total Flexible Compliance	52,334	

Deficits and Penalties	2007
Preliminary Procurement (Deficit)	(52,334)
Adjusted Annual Procurement Deficit	(0)
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

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[Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferral promotes ratepayer interests and RPS objectives, Showing of good cause, Insufficient transmission]

SDG&E	2008
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	17,056,023	
Annual Procurement Target (APT)	1,103,671	6.5%
Total RPS Eligible Procurement	1,047,441	6.1%
Annual Procurement Surplus/(Deficit)	(56,231)	
Adjusted Procurement Percentage*		6.5%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	318,942	30.4%
Digester Gas	12,918	1.2%
Biodiesel	0	0.0%
Landfill Gas	195,324	18.6%
Muni Solid Waste	0	0.0%
Bíopower Subtotal	527,184	50.3%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	30,886	2.9%
Solar PV	0	0.0%
Solar Thermal	0	0.0%
Wind	489,371	46.7%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	1,047,441	100.0%

Flexible Compliance	MWh	
IPT Deferral	0	
Earmarking	0	
Banked Procurement Applied	56,231	
Total Flexible Compliance	56,231	

Deficits and Penalties	2008
Preliminary Procurement (Deficit)	(56,231)
Adjusted Annual Procurement Deficit	(0)
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

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  - [Insufficient response to RFO, Contracts already executed will provide future deliveries sufficient to satisfy
  - current year deficits, Inadequate public goods funds to cover above-market costs, Seller non-performance, Lack of effective competition, Deferr
- If stating earmarked contracts as a reason for a temporary deferral, make sure contract names and planned energy deliveries match what is listed in "Earmarking Detail" and "Procurement Detail" tabs.

SDG&E	2009
1-Aug-11	

RPS Summary Report	MWh	%
Prior Year Total Retail Sales	17,409,884	
Annual Procurement Target (APT)	1,277,770	7.3%
Total RPS Eligible Procurement	1,784,441	10.2%
Annual Procurement Surplus/(Deficit)	506,670	-
Adjusted Procurement Percentage*		10.2%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	341,361	19.1%
Digester Gas	13,515	0.8%
Biodiesel	0	0.0%
Landfill Gas	191,509	10.7%
Muni Solid Waste	0	0.0%
Biopower Subtotal	546,384	30.6%
Geothermal	0	0.0%
Small Hydro	0	0.0%
Conduit Hydro	24,440	1.4%
Solar PV	913	0.1%
Solar Thermal	0	0.0%
Wind	1,212,704	68.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	1,784,441	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	0
Banked Procurement Applied	0
Total Flexible Compliance	0

Deficits and Penalties	2009
Preliminary Procurement (Deficit)	0
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

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SDG&E	2010
1-Aug-11	

RPS Summary Report	MWh	%
Current Year Total Retail Sales	16,282,682	
Annual Procurement Target (APT)	3,256,536	20.0%
Total RPS Eligible Procurement	1,940,129	11.9%
Annual Procurement Surplus/(Deficit)	(1,316,408)	
Adjusted Procurement Percentage*		20.0%

\* 'Adjusted Procurement Percentage' includes flexible compliance as proposed by the LSE, it is not necessarily used to determine compliance.

RPS Eligible Procurement	MWh	%
Biomass	339,899	17.5%
Digester Gas	22,660	1.2%
Biodiesel	0	0.0%
Landfill Gas	188,082	9.7%
Muni Solid Waste	0	0.0%
Bíopower Subtotal	550,642	28.4%
Geothermal	183,000	9.4%
Small Hydro	0	0.0%
Conduit Hydro	22,370	1.2%
Solar PV	1,579	0.1%
Solar Thermal	0	0.0%
Wind	1,182,538	61.0%
Ocean/Tidal	0	0.0%
Fuel Cells	0	0.0%
Total RPS Eligible Procurement	1,940,129	100.0%

Flexible Compliance	MWh
IPT Deferral	0
Earmarking	971,270
Banked Procurement Applied	345,138
Total Flexible Compliance	1,316,408

Deficits and Penalties	2010
Preliminary Procurement (Deficit)	(1,316,408)
Adjusted Annual Procurement Deficit	0
Adjusted Deficit Deferred	0
Potential Penalty	\$0
Current Penalty (with flexible compliance)	\$0

\*\* Potential Penalty is calculated based on 'Adjusted Annual Procurement Deficit' and may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance.

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- If stating earmarked contracts as a reason for a temporary deferral, make sure contract names and planned energy deliveries match what is listed in "Earmarking Detail" and "Procurement Detail" tabs.

## **RPS Compliance Report: Accounting**

#### SDG&E

#### 1-Aug-11

Line#	RPS Baseline Calculation	(MWh)
1	2001 Total Retail Sales	14,998,806
2	2001 RPS Eligible Procurement	145,647
3	2003 Total Retail Sales	15,043,865
4	2003 Baseline Procurement Amount	296,073

					Ac	tual								Fo	recast	
	RPS Procurement and Targets (MWh)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	;
5	Bundled Retail Sales	15,043,865	15,811,591	16,001,516	16,846,888	17,056,023	17,409,884	16,993,872	16,282,682						18,595,626	18,8
6	Total RPS Eligible Procurement	549,856	677,852	825,302	899,520	880,777	1,047,441	1,784,441	1,940,129	2,992,936	2,786,781	4,052,034	6,407,173	6,674,454	6,963,121	6,90
7	Annual Procurement Target (APT)	296,073	446,511	604,627	764,642	933,111	1,103,671	1,277,770	3,256,536						3,719,125	3,7
8	Incremental Procurement Target (IPT)	N/A	150,439	158,116	160,015	168,469	170,560	174,099	1,978,766						52,429	55
9	Preliminary Procurement Surplus/(Deficit)	253,783	231,341	220,675	134,878	(52,334)	(56,231)	506,670	(1,316,408)	-					3,243,995	3,13
10	APT Percentage	N/A	3.0%	3.8%	4.8%	5.5%	6.5%	7.3%	20.0%						20.0%	2
11	Actual Procurement Percentage	3.7%	4.5%	5.2%	5.6%	5.2%	6.1%	10.2%	11.9%						37.4%	3
12	Adjusted Procurement Percentage*	N/A	4.5%	5.2%	5.6%	5.5%	6.5%	10.2%	20.0%						37.4%	3

					Ac	tual								Fo	recast	
	Flexible Compliance - IPT Deferral	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	
13	Maximum Deficit Eligible for Deferral	N/A	0	0	0	42,117	42,640	0	42,485						0	1
	Bundled															
14	Deficit being Carried Forward to Year + 1	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	Deficit being Carried Forward to Year + 2	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	Deficit being Carried Forward to Year + 3	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	Total Current Year Deficit Carried Forward	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	_
18	Remaining Deficit from Year - 1 to Be Filled in Current Year Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	T
19	Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	1
20	Remaining Deficit from Year - 3 to Be Filled in Current Year	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	1
21	Total Prior Year Deficits That Must Be Filled This Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	_
22	Current Year Surplus Procurement Applied to Year - 1 Deficit	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	1
23	Current Year Surplus Procurement Applied to Year - 2 Deficit	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	1
24	Current Year Surplus Procurement Applied to Year - 3 Deficit	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	1
25	Total Deliveries Applied to Prior Year IPT Deficits	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	
ANNON	TREC															
14	Deficit being Carried Forward to Year + 1	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	Deficit being Carried Forward to Year + 2	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16	Deficit being Carried Forward to Year + 3	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	Total Current Year Deficit Carried Forward	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	Remaining Deficit from Year - 1 to Be Filled in Current Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	T
19	Remaining Deficit from Year - 2 to Be Filled in Current Year	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	1
20	Remaining Deficit from Year - 3 to Be Filled in Current Year	N/A	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	1
21	Total Prior Year Deficits That Must Be Filled This Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	_
22	Current Year Surplus Procurement Applied to Year - 1 Deficit	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	1
23	Current Year Surplus Procurement Applied to Year - 2 Deficit	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	1
24	Current Year Surplus Procurement Applied to Year - 3 Deficit	N/A	N/A	N/A	N/A	0	0	0	Ó	0	0	0	0	0	0	1
25	Total Deliveries Applied to Prior Year IPT Deficits	N/A	N/A	. 0	. 0	0	0	0	0	0	0	0	0	0	0	

				Ac	tual								Fo	recast				
Flexible Compliance - Earmarking	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
26 Portion of Current Year Deficit Eligible for Earmarking	N/A	N/A	0	0	10,217	13,590	0	1,273,923						0	0	0	0	0
Bundled																		
27 Future Year Deliveries Earmarked from Year + 1	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
28 Future Year Deliveries Earmarked from Year + 2	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
29 Future Year Deliveries Earmarked from Year + 3	N/A	N/A	0	0	0	0	0	971,270						0	0	0	0	0
30 Total Projected Procurement Earmarked to Current Year	N/A	N/A	0	0	0	0	0	971,270						0	0	0	0	0
31 Current Year Deliveries Earmarked to Year - 1	N/A	N/A	N/A	0	0	0	0	0						0	0	0	0	0
32 Current Year Deliveries Earmarked to Year - 2	N/A	N/A	N/A	N/A	0	0	0	0						0	0	0	0	0
33 Current Year Deliveries Earmarked to Year - 3	N/A	N/A	N/A	N/A	N/A	0	0	0						0	0	0	0	0
34 Total Deliveries Earmarked to Prior Year Earmarked Deficits	N/A	N/A	N/A	0	0	0	0	0						0	0	0	0	0
TREC																		
27 Future Year Deliveries Earmarked from Year + 1	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
28 Future Year Deliveries Earmarked from Year + 2	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
29 Future Year Deliveries Earmarked from Year + 3	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
30 Total Projected Procurement Earmarked to Current Year	N/A	N/A	0	0	0	0	0	0						0	0	0	0	0
31 Current Year Deliveries Earmarked to Year - 1	N/A	N/A	N/A	0	0	0	0	0						0	0	0	0	0
32 Current Year Deliveries Earmarked to Year - 2	N/A	N/A	N/A	N/A	0	0	0	0						0	0	0	0	0
33 Current Year Deliveries Earmarked to Year - 3	N/A	N/A	N/A	N/A	N/A	0	0	0						0	0	0	0	0
34 Total Deliveries Earmarked to Prior Year Earmarked Deficits	N/A	N/A	N/A	0	0	0	0	0						0	0	0	0	0

_					Ac	ztual								Fo	recast				
	Bundled Surplus Procurement Bank	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35	Surplus Procurement Bank Balance as of Prior Year	0	253,783	485,124	705,798	840,677	788,342	732,112	1,238,782	893,644					5,085,669	8,329,664	11,461,888	14,155,511	16,625,798
36	Application of Banked Surplus Procurement to Current Year Deficit					52,334	56,231		345,138										
37	Adjusted Current Year Annual Surplus Procurement	253,783	231,341	220,675	134,878	0	0	506,670	0						3,243,995	3,132,223	2,693,623	2,470,288	2,187,886
38	Cumulative Surplus Procurement Bank Balance	253,783	485,124	705,798	840,677	788,342	732,112	1,238,782	893,644						8,329,664	11,461,888	14,155,511	16,625,798	18,813,684
_					Ac	stual								Fo	recast				
	TREC Surplus Procurement Bank	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
35	Surplus Procurement Bank Balance as of Prior Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0						
43	Surplus TRECs in Current Year	N/A	N/A	0	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
47	Total Banked TRECs	N/A	N/A	0	0	0	0	0	0	0	0	0	0						
44	Banked TRECs Eligible to Apply to Current Year	N/A	N/A	0	0	0	0	0	0	0	0	0	0						
36	Application of Banked Surplus Procurement to Current Year Deficit	N/A	N/A	0	0	0	0	0	0	0	0	0	0						
46	Cumulative Surplus Procurement Bank Balance	N/A	0	0	0	0	0	0	0	0	0	0	0						

					Act									Fo	recast				
	Adjusted Deficit	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
39	Adjusted Annual Procurement Deficit	N/A	0	0	0	(0)	(0)	0	0						0	0	0	0	0
40	Adjusted Deficit Deferred	N/A	0	0	0	0	0	0	0						0	0	0	0	0
41	Potential Penalty	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0										
42	Current Penalty (with flexible compliance)	N/A	\$0	\$0	\$0	\$0	\$0	\$0	\$0										

Potential Penalty may be deferred or waived if LSE provides allowable reasons and/or uses flexible compliance

RPS COMPLIANCE REPORT - August 1, 2011

Input Required Forecasted Data

Actual Data

2017	2018	2019	2020
3,873,220	19,154,172	19,454,994	19,759,758
,906,867	6,524,457	6,361,286	6,139,837
,774,644	3,830,834	3,890,999	3,951,952
55,519	56,190	60,164	60,953
,132,223	2,693,623	2,470,288	2,187,886
20.0%	20.0%	20.0%	20.0%
36.6%	34.1%	32.7%	31.1%
36.6%	34.1%	32.7%	31.1%
2017	2018	2019	2020
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
		0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	Ö	0
0	0	0	0
0	0	0	0
2017	2018	2040	2020
	21128	2019	100000 20120

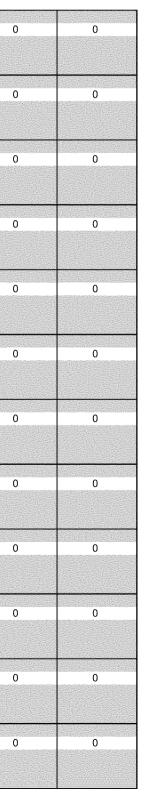
# **RPS Compliance Report: Bundled Earmarking Detail** SDG&E

1-Aug-11

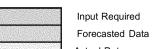
Note: All deliveries from transactions that transfer both renewable energy credits and energy from the seller to the buyer but does not meet the Commission's criteria for considering a procurement transaction a bundled transaction for purposes of compliance with the California renewables portfolio standard, made prior to March 11, 2010, will be counted as bundled deliveries of both renewable energy credits and energy for purposes of compliance with the California renewables portfolio standard. TREC

		Actual					For	ecast			
Total Annual Earr	narked Generation (MWh)	2010	2011	2012	2013	2014	2015	2016	2017	2018	20
C	ontracted Generation	0						0	0	0	(
l w	/ithdrawal from Current Year	0						0	0	0	(
A	llocated to Year - 1	0						0	0	0	0
	llocated to Year - 2	0						0	0	0	0
Α	llocated to Year - 3	0						0	0	0	(
	ontracted Generation		8								
	/ithdrawal from Current Year	0						0	0	0	
Α	llocated to Year - 1										
A	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation										
	/ithdrawal from Current Year	0						0	0	0	(
	llocated to Year - 1 llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation		-							-	
	/ithdrawal from Current Year	0						0	0	0	(
	llocated to Year - 1										
	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation							<u>,</u>	<u> </u>	<u>_</u>	
	/ithdrawal from Current Year	0						0	0	0	(
	llocated to Year - 1 llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	(
	llocated to Year - 1										
	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation			^						0	-
	/ithdrawal from Current Year llocated to Year - 1	0	0	0	0	0	0	0	0	0	
	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	(
	llocated to Year - 1						and the second second			in the second second	
	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation /ithdrawal.from Current Year	0	0	0	0	0	0	0	0	0	-
	/ithdrawal from Current Year llocated to Year - 1	0				0				0	
	llocated to Year - 2										
	llocated to Year - 3										
Contract Name C	ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	0
	llocated to Year - 1										
	llocated to Year - 2										
	Ilocated to Year - 3 ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	1
	llocated to Year - 1	Ţ	The second se	<u>,</u>	-						
	llocated to Year - 2										
	llocated to Year - 3										
	ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	(
	llocated to Year - 1										
	llocated to Year - 2 llocated to Year - 3										
	ontracted Generation										
	/ithdrawal from Current Year	0	0	0	0	0	0	0	0	0	(
	llocated to Year - 1						-	-	-	-	
A	llocated to Year - 2										
	llocated to Year - 3										

2019	2020
0	0
0	0
0	0
0	0
0	0



# **RPS Compliance Report: TREC Earmarking Detail**



RPS COMPLIANCE REPORT - August 1, 2011

1-Aug-11

SDG&E

Actual Data

Note: All deliveries from transactions that transfer both renewable energy credits and energy from the seller to the buyer but does not meet the Commission's criteria for considering a procurement transaction a bundled transaction for purposes of compliance with the California renewables portfolio standard, made prior to March 11, 2010, will be counted as bundled deliveries of both renewable energy credits and energy for purposes of compliance with the California renewables portfolio standard, made prior to March 11, 2010, will be counted as bundled deliveries of both renewable energy credits and energy for purposes of compliance with the California renewables portfolio standard. TREC contracts used for earmarking with deliveries prior to March 11, 2010 and after March 11, 2010 should be listed in the separate earmarking tabs based on whether deliveries were made prior to March 11, 2010 or after March 11, 2010.

Earmarking of TREC contracts is only allowed between an RPS-obligated LSE and one RPS-eligible generator that is providing all the RECs.

			Ac	tual							For	ecast				
Total Annual Earmarked Generation (MWh)	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 1	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 2	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Allocated to Year - 3	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0

	Allocated to Year - 3	N/A	N/A	N/A	0	0	0	0	0	0	0	0	0	0	0	0	0
ontract Name	Contracted Generation																
ible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	N/A															
	Allocated to Year - 2	N/A	N/A								and the second se						
	Allocated to Year - 3	N/A	N/A	N/A					and the second	100 C							
tract Name	Contracted Generation																
ible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1 Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A N/A	N/A														
ntract Name	Contracted Generation	10/A	N/A														
ible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	_			-			-						-		-	
	Allocated to Year - 2	N/A					100 C										
	Allocated to Year - 3	N/A	N/A														
ntract Name	Contracted Generation																
ible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1																
	Allocated to Year - 2	N/A				and the second se											
	Allocated to Year - 3	N/A	N/A														
ntract Name	Contracted Generation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ible for [YEAR] deficit	Withdrawal from Current Year Allocated to Year - 1	U	U	U		U			U		U	U		U	U		I U
	Allocated to Year - 2	N/A		The second second second		Contraction of the second		the second second									
	Allocated to Year - 3	N/A	N/A														
tract Name	Contracted Generation																
ible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Allocated to Year - 1																
	Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A		23 m							pain and a second se					
ntract Name	Contracted Generation																
gible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1																
	Allocated to Year - 2	N/A N/A	N1/A				Contraction of the	- Contraction of the second									
ntract Name	Allocated to Year - 3 Contracted Generation	N/A	N/A														
gible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1	Ŭ	0	U	U U	U U	0		U U	U U	U	U U		0	U		U U
	Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A														
ntract Name	Contracted Generation				and the second second									the second second			
gible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-	Allocated to Year - 1							Contraction of the second									
	Allocated to Year - 2	N/A															
	Allocated to Year - 3	N/A	N/A									and the second second					
ntract Name	Contracted Generation																
gible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1 Allocated to Year - 2	N1/A												-			
	Allocated to Year - 2	N/A N/A	N/A		a di di da da di da d		a second second second									1000	
tract Name	Contracted Generation	IN/A	IN/A														
ble for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
The sector of a sector	Allocated to Year - 1	Ĭ	, , , , , , , , , , , , , , , , , , ,				L Č	l Č			, in the second se						
	Allocated to Year - 2	N/A			and the protocol												
	Allocated to Year - 3	N/A	N/A														
tract Name	Contracted Generation																
gible for [YEAR] deficit	Withdrawal from Current Year	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Allocated to Year - 1																
	Allocated to Year - 2	N/A					Contraction of the second										
	Allocated to Year - 3	N/A	N/A						and the second second			100 C					

RPS Compliance Report: Procurement Detail	

Input Required SOD&E Forecosted Data 1-Aug-11 Actual Data

RPS COMPLIANCE REPORT - August 1, 2011

			Forecasi Actual Da	od Dala 1-Aug-11 La															
1	Proolement Sutimpy Total RPS Eligible Procument	2003 2004	2005 825 102	Actual MWh 2006 2007 809.520 800.777	2008	2009 2010 1,734,441 1,940,129	2810	2012 2013	2014	Forecasted MWh 2018 2016 674,454 0.963,121	2017	2018 2019 5 524 457 5 301 208	2020						
A Ad	Tobi Bundled Procurement Total TRSC Procurement Adjusted Tobi TRSC Procurement - Pie Bask double Total TRSC Procurement - With Bask TRSCs Approved Print March 11, 2019	540,858         677,852           N/A         N/A           N/A         N/A           N/A         N/A           N/A         N/A           N/A         N/A	N/A N/A N/A N/A	N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A	N/A 1,215,200 N/A 724,063 N/A 724,063 N/A 724,063				N/A N/A N/A N/A	N/A N/A N/A N/A	6,524,457 6,361,288 N/A N/A N/A N/A N/A N/A N/A N/A	6,139,837 N/A N/A N/A N/A						
	Z2% of AP1 TREC Land Amount above TREC land	0 0 N/A N/A N/A N/A N/A N/A S42,050 077,852 M/A N/A	0 N/A N/A	0 0 N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A	N/A 814,134 N/A 0	1.000.000		b Manufa -	N/A N/A N/A N/A	NIA NIA NIA NIA	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	N/A N/A N/A N/A			6	RECs		
	Existing and/or Signed Contracts Bundled TREC Short-listedUnder: NegoSation/Pending Approval Bundled	549,655         677,852           N/A         N/A           N/A         N/A           0         0           N/A         N/A	825,302 N/A N/A 0 N/A	000 000 000 000 000 000 000 000 000 00	1,047,441 N/A N/A U	1,784,441 1,949,129 N/A 1,215,286 N/A 724,883 0 0 N/A 0	1,928,847 1,270,406 656,441 1,066,089	2,496,472 3,287,028 1,595,805 1,588,029 810,867 1,299,000 380,309 765,908	3,763,381 3 2,464,361 2 1,299,009 1 2,643,812 3	.071.853 3.080,781 .372.853 2.380,781 .299,000 1,299,000 .002,601 3.297,339 3.207,339	3,819,906 2,320,906 1,299,009 3,285,961 3,386,961	3,247,809 3,094,886 1,948,809 1,795,886 1,299,000 1,299,000 3,276,548 3,266,400 3,278,848 3,266,400	2,883,825 1,584,825 1,299,000 3,256,217 3,256,217			9		ry D. 11-01-025 for detailed TREC n for purposes of somptience with i wable onergy credits. If that basis	noise The California renewables portain standard 100 other Fain the reals? Up the segrer 30. 10 the sugar but does not most the Court man of can jumarie with the California rene
	Gennic Fubile Contracts Annual Continction Dueta Resultement RPS Contracts: Englarm and/or new facilite/dued/odd	N/A N/A 0 0 N/A N/A N/A N/A	N/A 0	N/A N/A 0 0 N/A N/A N/A 0	N/A U N/A 9,198,739	N/A 0 0 0 N/A N/A 32,543,728 15,505,799	0 0 N/A 87,541,904	0 0 0 0 N/A N/A	0 0 N/A	0 0 0 0 N/A N/A	0 0 N/A	0 0 0 0 N/A N/A	0 0 N/A			0 0 1	ereard.		
	RPS Contracts: short-form with existing facilities/bundbod Surgitus Contracting Goola Bank as of Prior Yean Current Yean / Bankod MWh Aprihed to Armani Quote Currutelike Surgitus Contracting Cause Bank	N/A         N/A           N/A         N/A           N/A         N/A           N/A         N/A	NiA NiA NiA NiA	N/A 0 N/A 0 N/A 0 N/A 0	0 0 9,198,730	0 0 0,198,739 41,782,467 41,782,467 57,209,268	0 57,289,266 0 124,831,171	124,831,171 0	0	0 0	0	0 0	0				antracts with deliveries prior to areadsheet	March 11, 2010 and after March	te prov March 11. 2010 wil be counted as a will the California reservative particle at 11, 2019 should be listed as separate in
	Minimum Annual Contracting, Quota Shortfat	2503 2504	NA 2003	NA NA 2006 2007	2008	NA NA 2009 2010	2611	2012 2013	2614	2015 2016	2617	2018 2819	2020			t e e	to following types of barnactions insuctions for purposes of compt Tratesactions in which energy is anderd and the generator has its insurance of the generator has its	whell be bearied as burieled lance with the California remeasable acquised from a generator contribut first point of interconnection with a machinering a direction and	e sottolo se vigible for the California renewables po re Western Electricity Coordinating Counci
	Biorass Biorass Biodesel Biodiesel Landit Gas Muni Sold Waste	341,718 337,466 21,530 23,401 0 0 178,593 199,924 0 0	298,945 23,788 0 194,455 0	244,031 217,967 21,243 18,468 0 0 179,995 153,184 0 0	318,942 12,918 0 195,324	341361 239,999 13,515 22,580 0 0 191,509 188,082 0 0 0 0	391,525 16,361 0 194,232 0	454,614 454,514 22,900 0 0 0 198,886 136,307 0 0	454,514 0 0 114,188	154,014 454,014 0 0 130,445 120,445 0 0	454,814 0 0 119,297	89,790 22,440 0 0 112,113 122,123 0 0 0	0 0 118,181 0				the defenses form a contract nor	buow GLOS 14 down March 41 2010 would	as eighte for the California renewables po ed to a California betarcing autority area. por an LSE over the 25% usage level in an
	Geoffsernal     Geoffsernal     Geoffsernal     Geoffsernal     Geoffsernal     Geoffsernal	0 0 0 0 7,465 13,134	0 0 11,790	0 0 0 0 0 0 11,584 21,562	0 0 30,955	0 183,000 0 183,000 0 0 24,440 22,370	305,51% 395,615 0 17,921	079-485 500.807 387,830 212,430 0 0 38,915 30,916	305.742 212,430 0 30,916	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 11,374	2010/11 100/101 0 0 0 0 8,498 8,498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			8	e triut wa not appy to the decem Millional REC only deliveries in a	see from the providually approved o scells of the usage fitted would be a	ontiect. Receive the cap would be acceed Howed to count for RPS compliance in that
	Solar PV Solar Thermal West Cosan/Tide Fact Cells Fact Cells	0 0 0 0 550 114,778 0 0	0 296,434 0	0 0 0 0 402,765 469,869 0 0	0 0 489,371 0	913 1,579 0 0 1,212,704 1,182,538 0 0	2,821 0 1,974,441 0	299,540 903,601 0 0 1,480,215 2,314,196 0 0	2,089,112 2 0 3,505,933 3 0	552,540 2,841,213 0 0 506,933 3,506,933 0 0	2,824,650 0 3,505,933 0	2,808,153 2,791,723 0 0 3,505,993 3,416,502 0 0	2,775,300 0 3,237,798 0						
		2001 2004	2005	2008 2007 52,853 45,789		2009 2010	2010	2012 2012	2014	2015 2018	2017	2018 2815	2020	Contract Status	FacilityStatus	Respute Type	THEE or Bundled	Cartonal Locatio (News	Contrast Delana (1996)
	Biomass Digester Gas Biodieted Landfil Gas	83,578 54,257 2 0 0 0 0 0 76,133 43,128	0 0 41392	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	39,661 0 0 0 01,665	22012 (2,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 10.404	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 207	0 0 0 0 0 0 20 20	00000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0	CPUC approved	othe	Biomass Digaster Gas Biodiesal LandRi Gas	Bunket		
	Muni Solid Wavie Gaothormai Small Hydro Conduit Hydro	2 0 0 0 7.465 15.14	0 0 0 11.700	0 0 0 0 11,914 3753	0 0 7 7,595	0 0 0 10 10 10 10	0 9 1.780	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 10,916	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 900	5.598 2.498	0 0 8,498	CPUC approved	0100	Muni Solid Waste Grothermet Small Hydro Condull Hydro	Bundesi		
	Solor PV Solor Therm d Wind Clouin/Talal Fund Calls		0						0 0 0 0 0				0 0 0			Solar PV Solar Thormai Wind Ocean/Tidai Fuel Cells			
CPUCIO BD0081	2002 Contracts Doverts Delato (formatir AES, Damos	465,250 523,595 341,718 357,465	772,210	744,089 841,534 284,631 217,967	390,563 C	361455 355.967	356,960	383.325 250.767	250,518	258,135 288,135	288,135	269,136 178,764	0	Contract Status	Twilly Status	Resource Type Bigmans	TRUE as broad	Contract Length / Type Ris - Executed prior to 2007/TREC Variantility after March 31 (2010) na - Executed prior to	Collegel Volume (M/m) se remaring detverses (see sometice) contractioners)
SDORDS	EPUWTE Adquisition	0 38,654	28.251	36.202 20.643	20,002	36.718 37.075	30,088	e 0	0	0 0				CPUC acaroust	atile	Wind	Bandled	nia - Executed prior to 2007/TREC transaction after March 11, 2010 103 - Executed prior 50 2007/TREC transaction after	(81.676
NGA NGA	URS - Caude Caroon	<u>85,000 85,124</u> 0 8,735	66.385 14.582	55,775 35,175 13,935 13,869	54,588 12,565	51478 49383 11725 9,513	48,423	40,526 0 15,615 16,615	1551	<u>a a</u>	a 0	<u>a a</u>	0	CPUC approved	ative	Landfil Gas	Birdad	March 11, 2010 Na - Excluded print to 2017/1855, presentation after	\$2.522 57.395
S(20084	MM - East Diego - Mitamar	15,185 27,378	27.038	27,499 29,607	29,460	98.301 32.054	52,073	25,603 8,650	0		,			CPUC approved	01/10	Laciditi Geor	Sungled	March 11, 2018 104 - Executed prior to 2007/TREC excession after March 11, 2010 Mill Executed prior to 2007/TREC sussection after	80,278
SD9664	MM - Syn Diege - Moth Day MM Plans Destructs	5,315 9,928 20,122 36,737	10.819	8,208 6,026 33,473 15,853	3.543 P	4413 6246 0 0	6.300	7,253 2,417	0 0	0 0	0	<u> </u>	0	CPUC approved	onice	Landfit Gas	Bundled Sundled	March 11, 2019 Na - Executed prior to 2007/TRES transaction after	(6,917) no reading delvaries (see secondaries contrast boltw)
bia	Cases Power Pattiers		182,994	194.581 212,735	197,011	162 110 138 273	159,749	178,704 178,704	178,734	178.704 378.704	575,704	178,706 176,704	2	CPUC aparted	antice	Nind	Burdled	March 11, 2010 eta - Encluido prior la 2020/TREC: transaction aber March 11, 2010 na - Executed prior to 2020/TREC: panascilon afer	1,605,336
NA SO(SO)	Bankrog, Bangwaktes Romer), PPM Energy San Dange W/(D, Plant Long)	550 75,900 21,530 23,451	23,765	29,167 83,171 21,243 18,696	76,442	89.622 84.974 3 0	86.403	99,431 50,431 0 31		89,431 89,431	69,431	89,431 B	0	CPUC approved	othe	Wild Digester Ges	Bundkol	March 11, 2010 His - Executed other to 2007/TREC transaction after March 11, 2010	715,487 rot /personag deliveries (non successor special beaux)
CPUCID	Contract Nates	0 0	0	0 17.519 0 17.519	22,894	0 0 20,349 20,206 20,348 20,205	0 16,134	C D 20,000 20,000 20,000 20,000	0 20,000	0 0 20.000 20.000 20.000 20.000	1,847	0 0	0	Complet Status	Firstly Status	Resource Type	TRE: or Bundled	Connect Length (Types Ma - Exercised prior 15 20//TRUC connection after Month 11, 2010	Contest Volume (MVh)
CPUC ID	ECOTA - Parces Foresain Contract Name 2004 Contracts	0 0	0	0 0 102.779 175.636	22,604 0 214,932	0 0 207.919 188.098	205,324	0 0 389,700 631,332	R. 17,274	0 0 855,102 855,102	8 835,102	3 6 537 067 654 961		CPUC approved	Facility Stitue	Canqué Hydro Resputer Type	TREE or Banded	Contart Length / Is Je Real Encowersitation	Const Water (MPT)
N/A SD9402	Konspany Country Obje 2	0 9 0 0	0 9	02,779 348,007	152,044	143.588 122,715 24.335 20,901	141,967 20,862	167.000 167.000 24.000 24.000	26.000	567,900 967,900 24,000 24,000	167,900	0.001101	167.000	CPUC approved	otine	Wed Landfit Gas	Buntled	March / NEL - participation and March 11, 2010 min - Executed ptior to 2007/TRED standards of after March 11, 2010 min - Executed prior to	2,618,500
SDM08 SDM08 SDM08	Mix Price Destrocht Ingenal Valley Scier / formatly Science Science Procise Works			0 8140 0 0	38,215 0	40.005 42.481	42,475	45 (5) 46	52,925 0	20,754 70,754	20,754 0 302 448	76,718 58,513 0 0 362,448 292,446	54,512 C	CPUC approved CPUC approved CPUC approved	ettine jinder development - delayed under development - on schedy	Landfill Sas Solar Thermal	Rinded Borted Sector	2007/TREC transaction after Alterop 11, 2000 2009 long term	- 525 86 0 7,255 86
SCOME	Esmanate (17/us/Maven) Cantos: Kanna	0 0	0	0 0 0 0		0 5 0 0	2	8 8	0	e 9		6 C	0	centraci terminated	Aller - contrast terrorowied	Segnation Resource Type	Bundled TREC or Bandwd	2009 Engelson and Engelside Drive E 2007/THEC Sensection site: March 11, 2008	cansiled, no ten aring detineties
CPUC ID 200806 510508	2005 Contrasts Extensiola (). San Feitpe Mil Signal Solar (9172ed) (Street 1)				331,665	34178 134734	328,213	0 49,515 0 54 54 549,515 0 54 665	0 100 AS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 296 439	210,387 230,308	287,244	Contract Status	Ne - potbert spromast	Qeopernal	Buntled	Min - Second prior to 2007/REC stammetion after Marin 11, 2019 2017 forestores	canadied, no veniments deferring
50//201	Cenarta Debaro (Isimery AEE Delaris)	a	4		318,942	341361 312074	311,852	301351 561,851	364,854	384,254 593,854	364,854			CPUC approved	ative	Bromase	Sunder	2019 Group Admin real Executed prior to 2007/TREC manaaction after March 11, 2000 rdis Esecuted prior to	2,553,978
N/A CPUC ID	Cite of San 246gs 8990 (Point Long) Contact Name 2016 Contracts Contact Name	4 0 9 9 0 0	0 0 0		12,916 0 0	13.545 22.660 0 0 0 0	16,385 9 0	22 000 0 0 0 0 0 0 0	9 9 0	0 0	0 0 0	9 4 0 0	2 8 0	CPUC approved	atins Facily Status	Digester Gas Resource Type	Bundled TREC on Bondled	Konzi 14, 2010 March 14, 2010 Central Length / Type	44,090 Contract Voterna (MVIII)
CPUC ID	Contracts 2007 Contracts Contracts 2007 Contracts Contract Name 2006 Contracts	0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0 0 0 0	0 0 39,212	0 0 0 0 0 339,590 405,916	0 0 736,135	0 0 0 0 0 724,700 783,640	0 0 802,520	0 0 0 0 855,397 855,397	0 0 805,397	0 0 0 0 855.307 789.077	0 0 765.537	Contract States Contract States	Facely Status Facely Status	Reaminos Type Résource Type	TREE as Bunded	Cost ad Length / Type Cost ad Length / Type	Contens Visane (MVh) Content Visane (MVh)
\$00807 \$00807 \$00808	History (Cade Wind Every 1) History (Cade Wind Every 1) History (Cade Wind Every 1) History (Cade Wind Every 2)	0 0 0 0	a 	0 0 0 0	39,212 C	257.100 38.055 194,390 82.402 37.767	0 329,944 0	225.020 325.000 325.000 325.000	329,800	325,000 375,000	325,000	328,800 928,000	325,000	CPUC approved CPUC approved CPUC approved	otine otine otine	Wed Wind Wind	Set State Provide State	2008 kong-term 2008 kong-term 2009 kong-term	op remaining dolverses (as bundled) \$487.071 no remaining dolverses (as bundled)
SDM09 SDM05 N/A N/A	N provider (Cashian Yan) Evlapor 21 Promovalus Exp. Provider (Cashia Lako Prove Strate), See par Proj (Cashia Lako Prove Strate), See Every Provider (CPA), PV) Strate, See Every Provider (CPA), PV) Contrast Resea	8 8	0		0 0 0 0	180.054 0 27.625 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	326.497 79,684 0 0	80/80 80/80 0 9 0 36.80	77,760	310,000 310,000 89,700 85,700 15,512 15,552 110,085 175,055	\$10,000 89,750 15,552 115,083	310.031 510.000 20.700 22.440 75.552 15.552 115.000 315.055	310.009 0 15,552 115.085 0	CPUC approved CPUC approved CPUC approved CPUC approved	attise antre woder development - an schedu under development - an schedu	Wed Booyses Solar PV Solar PV	Sc March 11, 2010 Scrolled Burdled Burdled	2008 topo larm 2008 long-larm 769 778	3 872 548 740,520 165 529 1,156,549
CPUC ID SC2804 NA	2009 Contracts Painform 2010/S. Szedniyibis Communities PV Common (User 1 Lean Obsy Landisti): (PT):	0 0 9 9 0 0	0		0 0 0	449.130 301.444 441.050 341.410 013 3.570	917,683 0 2,821	294.252 823.465 0 3 1.451 1.451	0 823,400 0 1481 11878	0 0 823.465 823.465 0 6 1.491 3.431	823,465 	30         6           \$23,465         \$15,561           0         6           3,631         1,425           13,838         3,542		Contract Status CPUC approved executed - no approve needed executed - no approve needed	FacSty Status attive attive	Resolution Type West Splay PV Landfil Gas	TREC of Builded TREC Approved Prior to March 11, 2010 Burgled Burgled	Contrast Length / Type 2009 abort-term / wineling 2009 cong-term 2009 cong-term	Contect Volume (MVH) no remarking deliveres no remarking deliveres
NA NA SD/568 SD/510	Cincrete User (Lee Owy Lardist) (173) See Marcie Landis (2011) Sector of Landist (2011) Sector Office (2011) And Mora Possible Parime. Naturiore (PrimRole)				0 0 0 0	7167 0.185 0 3526 0 3755	6,759 6,759 6,759 850,449	11.526 11.526 11.726 11.724 11.724 11.724 11.724 11.725 51.705 122.545	01,826 71,764 11,764 0 122,640 564,900	11.420 15.425 11.766 11.784 11.766 11.784 11.766 11.784 2.2.60 12.2.60 854.000 854.000	11,626 51,784 51,784 51,784 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1128 1128 1128 1128	11,784	executed - no approval needed	101.000	LandRi Gas UnidRi Gas Wind	Bundled Bundled Bundled	2009 long-term 2009 long-term 2009 long-term 2009 long-term 2009 long-term 2009 long-term 2009 long-term	94,640 753,755 223,096 219,995 2,366,885 2,366,885 2,466,855
CPUCID CPUCID SD6409 800413	Naturese (RimRock) 2010 Contracts Calorie - Génetre Centreire Store Energy		0 0 0		0 0 0	0 183,000 0 183,000 0 383,000	0 0 243,656 218,075	175.667 664.000 0 7 239.307 320.095 212.420 212.430 60.728	817,082 212,630	864,000 804,000 8 0 677,721 674,711 276,945 276,281	864.000 0 671,537 6 273,462	653,406 655,345	664,000 8 662,227 8	CPUC approved CPUC approved CPUC approved Centrest Status Centrest Status	Facility Status	Resource Type Geothermal	Builded TREC Approved Pro- TREC on Sunded Builded Builded	Contract Length / Type 2010 phot-tem / here	Contrad Voterna (MVh) 849.728
50/00/ 50/012 50/022	Caseneya Sook Enactor 8 Ceram Denasta South		9 9 0				24.66	20,507 38,80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	274,1% 38,087 28,437 304,539 0	205.002 205.00 85.219 44.927 26.937 26.937 205.935 356,598	8/10/402 84,603 96,607 309,507			CPUC approved CPUC approved CPUC approved CPUC approved pending CPUC approved	under development - on achedu onder development - on achedu ontro under development - on achedu	a Selar Py	Byndied Byndied Byndied Byndied Byndied	2010 Jang-term 2010 Jana-term 2010 Jang-term 2010 Jang-term 2010 Jang-term	5.541.651 1.246.709 404.075 7.854.546
CPUC ID BD1608 SD015	2011 Centracts NRG Salar Beneger ( 1110 October 2019 ( 1110 October 2019) Sel Ontard Sel Ontard Sel Ontard Sel Ontard	0 0 8 6 0 0	0000	0 0 0 0 0 0 0 0 0 0	0000	0 0 8 0 9 0 9 0 9 0	176,640 0 0	300.309 785.000 25,000 98.400 0 37.276 \$23,398	2,337,228 38,805 590,542 127,370 9,527 8,665	2,896,015 2,990,753 562,218 37,639 800,542 800,542 329,603 119,758 12,064 12,813 50,774 30,571	2 990 375 87 659 890 542 318 820	2,970,052 2,959,814 56,428 58,924 589,522 590,542 144,558 157,538 12,913 17,452 50,957 49,657	2 949 831 58 386 59 542 116 448	Context States centing CPUC approva- pending CPUC approva- centing CPUC approva- centing CPUC approva- sending CPUC approva- sending CPUC approva-	Facility Status under development – on activatu onder development – on activatu under development – on activatu	Records Type Solar Py Wed Solar Py	TREC or Barded Burded Burded Burded Burded	Contract Length / Type 2011 long-tans 2011 long-tans 2011 long-tans 2011 long-tans 2011 long-tans	Contact Volume (MVR) 5,998,836 19,445,660 9,759,210
	Sole: Dasy: Gran Sole: Fasture Sole: Veland Sole: Rugged Sole: Total Dation				0 0 0 0				9,527 9,665 9,527	12,004 12,017 50,774 50,071 12,004 12,813 205,252 202,419 114,318 113,861	16,563 60,369 12,563 201,669 715,405		169,206	sending CPUC epercyal pending CPUC epercyal pending CPUC epercyal pending CPUC epercyal pending CPUC epercyal	under development – on acteurs under development – on acteurs ander development – on acteurs under development – on acteurs under development – on acteurs	el Solat PV el Solat PV	Bundled Bundled Bundled Bundled Bundled	2011 Sog-lare 2011 Sog-lare 2011 Sog-lare 2011 Sog-lare 2011 Sog-lare	1,208,997 301,1559 8,553,769 2,722,340
	Cenerika West LS Rower Anteglas Valley Scientif Selegen Energia Sterra Jupiéz	0 0 0 0 2 0	0		0 0 0			17.965	269,952	265,612 267,269 336,331 338,331	302,198 285,903 335,331	200,828 299,125 264,809 285,289 238,391 335,281	267 829 201,003 308,321	pending CPUC approval pending CPUC approval pending CPUC approval	under development - on scheidu under development - on scheidu under development - on scheidu	el Bolar PV el Solar PV el Trind	Burded Burded Burded	2011 barg-term 2011 barg-term 2011 barg-term	7, 140,858 8,656,657 8,766,620
	Contact Name Contact Name Genric Fobre Contacts	6 D	0	8 8	0 0		8 0 0	0 0 6 0 0 0	0 0	0 0 8 2 0 0	0		6 6 0	scie 4					
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	Expire Contracts Contracts expiring sites auto One Case (Case) (Case) (Case) Section (Case) (Case) (Case) Section (Case) (Case) (Case) Section (Case) (Case) (Case) (Case) Section (Case) (Case) (Case) (Case) Section (Case) (Case) (Case) (Case) Section (Case) (Case) (Case) (Case) (Case) Section (Case) (Case) (Case) (Case) (Case) (Case) (Case) (C		0		0	0 2,31	7,438 6,832 4,585	303,341 607,500 	9,948	12,000 12,000 9,048 2,948 4,581 4,581	929,000 92,000 92,948 92,948 4,581 1,960	12,000 12,000 9,948 9,048 4,591 4,591	12,000	10701		Landhi Gas Landhi Gas Landhi Gas Landhi Gas Costeli Hutti Landhi Gas			
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# **RPS Compliance Report: Calculations**

RPS	RPS Baseline Inputs (MWh)		
Line#	Calculation	Notes	
1	User supplied data	Pursuant to D.07-03-046, the 2003 Initial Baseline Procurement Amount for the investor owned utilities (IOUs) is	
2	User supplied data	calculated using the following equation:	
3	User supplied data	2001 RPS Eligible Procurement X 2003 Total Retail Sales + 1% of 2001 Total	
4	Baseline formula =		

RPS	RPS Procurement and Targets (MWh)		
	Calculation	Notes	
5	User supplied data	Annual Retail Sales	
6	Data from "Procurement Detail" tab	In current and past years, this line should equal Total RPS Eligible Procurement in procurement detail tab.	
7	Prior year Line 7 + Line 8		
8	1% of line 5 {Y-1}		
9	Line 6 - Line 7		
10	Line 7 / Line 5 {Y-1}		
11	Line 6 / Line 5 {Y-1}	In 2003, 2003 RPS procurement is divided by 2001 retail sales rather than 2002 retail sales.	
12	(Line 6 + Line 17 + Line 25 + Line 30 +	RPS procurement percentage after applying flexible compliance, assuming all allowable planned deliveries	
	Line 34 + Line 36) / Line 5 {Y-1}	come online as planned.	

Flexi	Flexible Compliance - IPT Deferral		
	Calculation	Notes	
13	Up to 0.25% of Prior Year Retail Sales	The first year with an IPT, 100% of the IPT can be deferred for up to 3 years without explanation.	
14-16	User supplied data		
17	Sum of Lines 14:16	Current year deficit carried forward. Warning if cell value is greater than Line 13.	
18-20	Record of Lines 14:16	Deferred IPT obligations due in current year.	
21	Sum of Lines 18-20	Total deferred IPT obligations due in current year	
22-24	User supplied data	Past year IPT obligations retired with current year surplus procurement. Per accounting rules D. 06-10-050,	
		Attachment A, page 9-10, current year deliveries may only be applied to past year IPT deficits after	
		earmarked deliveries have been subtracted, and after any deliveries needed to meet current year APT have	
		also been subtracted (D.03-06-0711, Conclusion of Law 25).	
25	Sum of Lines 22-24	Total current year surplus applied to prior year IPT obligations due in current year	

Flexi	Flexible Compliance - Earmarking				
	Calculation	Notes			
26	Line 9 + Line 13 + Line 34	Portion of current year deficit greater than allowable IPT Deferral			
27-29	Data from "Earmarking Detail" tab	User supplied data			
30	Sum of Lines 27:29				
31-33	Data from "Earmarking Detail" tab				
		User supplied data.			
34	Sum of Lines 31:33	Total current year surplus subtracted to meet prior years Earmarking obligations due in current year			

Surp	Surplus Procurement Bank			
	Calculation	Notes		
35	Line 38 {Y-1}			
36	User supplied data			
37	Line 9+ Line 25 + Line 34	Current year surplus procurement less any prior year IPT obligations and/or Earmarking obligations		
38	Sum of Lines 35:37	<b>I</b>		
43	Row 16 from "Procurement Detail" tab	TRECs that must be banked because the entity is over the TREC limit		
44	Data from "Procurement Detail" tab	Value if entity has not exceeded its TREC limit in the current year, and has excess TRECs from exceeding the limit in a prior year.		
	Line 35 + Line 43			
47				
45	Line 43 - Line 45			
46	Sum of Lines 35:37			

Adjusted Deficit		
	Calculation	Notes
39	Line 9 + balance of IPT obligations after 3	In any current year, the adjusted annual procurement deficit is the LSE's annual deficit less any deliveries
	years + balance of Earmarking obligations	used to meet IPT or Earmarking obligations for prior years deficits. Any portion of adjusted annual
	after 3 years	procurement deficit that remains after the following three years is subject to penalty.
40	Balance of IPT obligations after 3 years +	In any current year, the adjusted deficit temporarily excused is the sum of IPT deferral and Earmarked
	balance of Earmarking obligations after 3	deliveries (line 17+ line 30). Any portion of line 40 remaining after 3 years will be reflected in line 39 and
		subject to penalty.
41	Line 39 * \$50.0	Per accounting rules, LSEs must list penalty based the size of on adjusted annual procurement deficit, even
		if allowable reasons are being given for why the penalty is not yet due and payable. Penalties are assessed
		at \$0.05/kWh deficit.
42	(Line 39 + 40) * \$50.0	LSE's have the opportunity to make up annual procurement deficits through existing flexible compliance
		rules. Accordingly, if an LSE has a deficit in year 1, and is able to fully exercise flexible compliance
		mechanisms, the penalty for year 1 compliance may not apply.

#### **RPS COMPLIANCE REPORT - August 1, 2011**

### OFFICER VERIFICATION FORM

I am an officer of the reporting corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to matters which are therein stated on information or belief, and as to those matters I believe them to be true. The spreadsheet format used to file this compliance report has not been altered from the version issued or approved by Energy Division.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on July 29 at San Diego, California.

(Date)

(Name of city)

Runchar and

Matt Burkhart, Vice President Electric and Fuel Procurement (Signature and Title of Corporate Officer)