

# Total PG&E RPS-Eligible Energy Costs (2011-2020)

CONFIDENTIAL INFORMATION PROTECTED UNDER DECISION 06-06-066, APPENDIX 1, AND SUBMITTED UNDER PUBLIC UTILITIES CODE SECTION 583

\* Please see the Contract Costs and Integration Costs tabs for detailed project information and data set definitions.

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
1 Above MPR AMF Eligible	{Redacted}									
2 Above MPR NOT AMF Eligible										
3 At or Below MPR										
4 RPS Eligible Qualifying Facility										
5 Other										
6 Total Integration Costs	\$13,689,150	\$34,003,148	\$57,455,979	\$118,891,167	\$151,902,810	\$187,327,852	\$221,277,626	\$241,558,455	\$258,243,319	\$275,141,399
7 <b>Total Annual RPS Contract Costs (as defined) and Integration Costs (as defined)</b>	{Redacted}									
8										
9										
10 <b>Total RPS Contract Costs (as defined) and Integration Costs (as defined) from 2011 through 2020</b>	<b>\$24,783,240,591</b>									

# RPS-Eligible Energy Contract Costs (2011-2020)

Contract Costs Summary Table

- 1 Legend:
- 2 Above MPR AMF Eligible
- 3 Above MPR NOT AMF Eligible
- 4 At or Below MPR
- 5 RPS Eligible Qualifying Facility
- 6
- 7
- 8
- 9

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Above MPR AMF Eligible	[Redacted]									
Above MPR NOT AMF Eligible	[Redacted]									
At or Below MPR	[Redacted]									
RPS Eligible Qualifying Facility	[Redacted]									
Other	[Redacted]									

Name	Solicitation/Bilateral	Technology	AMF-Eligibility	Notes	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Agua Caliente	Solicitation	Solar PV	Yes		[Redacted]									
Alpaugh Solar	Solicitation	Solar PV	Yes		[Redacted]									
Alpine Solar Replacement April 2010	Solicitation	Solar PV	Yes		[Redacted]									
Arlington Wind PPA	Solicitation	Wind (OOS)	Yes		[Redacted]									
Bottle Rock Replacement	Solicitation	Geothermal	Yes		[Redacted]									
CalRenew 1	Solicitation	Solar PV	Yes		[Redacted]									
Copper Mountain	Solicitation	Solar PV	Yes		[Redacted]									
Covam Brodie	Solicitation	Wind	Yes		[Redacted]									
Desert Sunlight	Solicitation	Solar PV	Yes		[Redacted]									
El Dorado	Solicitation	Solar PV	Yes		[Redacted]									
Green Volts Byron Original	Solicitation	Solar PV	Yes		[Redacted]									
Hatchet Ridge	Solicitation	Wind	Yes		[Redacted]									
High Plains Ranch II	Solicitation	Solar PV	Yes		[Redacted]									
High Plains Ranch III	Solicitation	Solar PV	Yes		[Redacted]									
Mt. Poso 15-Year PPA	Solicitation	Biomass and Waste	Yes		[Redacted]									
Project Genesis	Solicitation	Solar Thermal	Yes		[Redacted]									
Topaz Solar Farm	Solicitation	Solar PV	Yes		[Redacted]									
Topaz Solar Farm Phase 2	Solicitation	Solar PV	Yes		[Redacted]									
Vantage Wind PPA	Solicitation	Wind (OOS)	Yes		[Redacted]									
SPS - Alpaugh North PPA	Bilateral	Solar PV	No		[Redacted]									
Anderson Biomass	Bilateral	Biomass and Waste	No		[Redacted]									
SPS - Atwell Island PPA	Bilateral	Solar PV	No		[Redacted]									
Avenal Park PPA	Bilateral	Solar PV	No		[Redacted]									
Blackspring Ridge IA	Bilateral	Wind (OOS)	No		[Redacted]									
Blackspring Ridge IB	Bilateral	Wind (OOS)	No		[Redacted]									
BrightSource I - SolarPartners II (Amended)	Bilateral	Solar Thermal	No		[Redacted]									
BrightSource II - SolarPartners VIII (amended)	Bilateral	Solar Thermal	No		[Redacted]									
Chowchilla	Bilateral	Biomass and Waste	No		[Redacted]									
SPS - Corcoran PPA	Bilateral	Solar PV	No		[Redacted]									
El Dorado Irrigation District	Bilateral	Small Hydroelectric	No		[Redacted]									
El Nido	Bilateral	Biomass and Waste	No		[Redacted]									
Halkirk	Bilateral	Wind (OOS)	No		[Redacted]									
Mesquite	Bilateral	Solar PV	No		[Redacted]									
POSDEF - RPS Contract	Bilateral	Biomass and Waste	No		[Redacted]									
Petrolero Hills Landfill	Bilateral	Biomass and Waste	No		[Redacted]									
Rice Solar Energy	Bilateral	Solar Thermal	No		[Redacted]									
Sand Drag PPA	Bilateral	Solar PV	No		[Redacted]									
Shiloh II	Bilateral	Wind	No		[Redacted]									
Solaren	Bilateral	Solar PV	No		[Redacted]									
Sun City PPA	Bilateral	Solar PV	No		[Redacted]									
Sunshine Landfill	Bilateral	Biomass and Waste	No		[Redacted]									
SPS - White River	Bilateral	Solar PV	No		[Redacted]									
Geysers (2008, 2010)	Bilateral	Geothermal	No		[Redacted]									
Antelope Valley (Next Light)	Solicitation	Solar PV	Yes		[Redacted]									
Baxter 1	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$309,468	\$308,468	\$308,468	\$308,713
Baxter 2	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$309,468	\$308,468	\$308,468	\$308,713
Baxter 3	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$309,468	\$308,468	\$308,468	\$308,713
Benja Landfill Gas Power Plant	AB1969/Feed-in Tariff	Biomass and Waste	N/A	Feed-in Tariff	\$750,206	\$747,699	\$748,952	\$748,952	\$748,952	\$747,699	\$748,952	\$748,952	\$748,952	\$747,699
Big Creek Waterworks	Bilateral	Small Hydroelectric	No		[Redacted]									
Big Valley Lumber - RPS PPA	Bilateral	Biomass and Waste	No		[Redacted]									
Bottle Rock (Old Contract)	Solicitation	Geothermal	No		[Redacted]									
BrightSource III - SolarPartners XII	Bilateral	Solar Thermal	No		[Redacted]									
BrightSource IV - SolarPartners XIV	Bilateral	Solar Thermal	No		[Redacted]									
BrightSource V - SolarPartners XV	Bilateral	Solar Thermal	No		[Redacted]									
BrightSource VI - SolarPartners XXII	Bilateral	Solar Thermal	No		[Redacted]									
BrightSource VII - SolarPartners XXIII	Bilateral	Solar Thermal	No		[Redacted]									
Buckeye Hydroelectric Project	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$97,438	\$97,724	\$97,457	\$97,457	\$97,457	\$97,724	\$97,457	\$94,019	\$0	\$0
Buena Vista	Solicitation	Wind	Yes		\$6,142,767	\$6,150,676	\$6,142,770	\$6,142,770	\$6,142,770	\$6,150,676	\$1,450,262	\$0	\$0	\$0
Castellani Bros. Biogas	AB1969/Feed-in Tariff	Biomass and Waste	N/A	Feed-in Tariff	\$36,688	\$36,818	\$36,717	\$36,717	\$36,717	\$36,818	\$36,717	\$36,717	\$36,717	\$36,729
Combie North FIT	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$138,783	\$138,767	\$138,757	\$138,757	\$138,757	\$138,767	\$138,757	\$150,397	\$166,749	\$166,743
Combie South FIT	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$401,945	\$402,088	\$401,971	\$401,971	\$401,971	\$402,088	\$401,971	\$435,691	\$483,150	\$119,150
Community Renewable Energy Services (CRES)	Bilateral	Biomass and Waste	No		\$3,573,152	\$3,672,533	\$3,754,061	\$3,847,913	\$0	\$0	\$0	\$0	\$0	\$0
Diablo Winds (FPL/NextEra)	Bilateral	Wind	No		\$2,909,662	\$2,982,405	\$3,056,964	\$3,133,388	\$3,211,723	\$3,292,017	\$0	\$0	\$0	\$0
Drayer	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
Eck 1	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
Eck 2	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
Eck 3	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
Klonoke III	Solicitation	Wind (OOS)	Yes		\$18,937,776	\$18,973,818	\$18,937,774	\$18,937,774	\$18,937,774	\$18,973,818	\$18,937,774	\$18,937,774	\$18,937,774	\$18,973,818
Klonoke IIIA	Bilateral	Wind (OOS)	No		[Redacted]									
Liberty V Biofuels Original	Solicitation	Biomass and Waste	Yes		[Redacted]									
Lompoc PPA	Solicitation	Wind	Yes		[Redacted]									

	Madera Original Contract	Bilateral	Biomass and Waste	No		\$7,111,714	\$7,309,460	\$7,471,726	\$7,658,520	\$0	\$0	\$0	\$0	\$0	\$0
	Miptas Landfill, American Canyon Landfill FIT, Kenjo Park Landfill FIT, Guadalupe Mines Landfill FIT, Visalia Landfill, Santa Cruz Landfill FIT														
83	Monterey Regional Waste Management District (Bidding)	AB1969/Feed-in Tariff	Biomass and Waste	N/A	Feed-in Tariff	\$2,178,885	\$2,178,880	\$2,178,875	\$2,178,875	\$2,178,875	\$2,178,880	\$2,178,875	\$2,178,875	\$2,178,875	\$2,178,880
84	Montezuma Winds Replacement	Solicitation	Wind	Yes		(Redacted) CONFIDENTIAL INFORMATION PROTECTED UNDER DECISION 06-06-066, APPENDIX 1, AND SUBMITTED UNDER PUBLIC UTILITIES CODE SECTION 583									
86	Newell Creek Dam	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$21,453	\$21,611	\$21,552	\$21,552	\$21,552	\$21,611	\$21,552	\$21,552	\$21,552	\$21,611
87	Nickel 1	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
88	Nickel 2	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$308,586	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713	\$308,468	\$308,468	\$308,468	\$308,713
89	N/D Scotts Flat	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$124,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
90	Pacificorp 2010-2012 Short Term Agreement	Bilateral	Wind (OOS)	No		(Redacted)									
91	Parrera Almond Processing Co	AB1969/Feed-in Tariff	Biomass and Waste	N/A	Feed-in Tariff	\$645,422	\$645,460	\$645,392	\$645,392	\$645,392	\$645,460	\$645,392	\$645,392	\$645,392	\$645,460
92	Santa Maria I	AB1969/Feed-in Tariff	Biomass and Waste	N/A	Feed-in Tariff	\$596,618	\$598,214	\$596,580	\$596,580	\$596,580	\$598,214	\$596,580	\$596,580	\$596,580	\$598,214
93	SQE Site 1	AB1969/Feed-in Tariff	Solar PV	N/A	Feed-in Tariff	\$18,923	\$18,925	\$18,973	\$18,973	\$18,973	\$18,925	\$18,973	\$18,973	\$18,973	\$18,925
94	Shiloh 1	Solicitation	Wind	Yes		\$13,093,262	\$13,093,262	\$13,093,263	\$13,093,263	\$13,093,263	\$13,093,262	\$13,093,263	\$13,093,263	\$13,093,263	\$13,093,262
95	Sierra Power - Contract	Bilateral	Biomass and Waste	No		\$1,888,491	\$1,941,024	\$1,984,114	\$2,033,717	\$0	\$0	\$0	\$0	\$0	\$0
96	Snow Mountain Hydro (Lost Creek 1) - Contract	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$637,898	\$639,673	\$637,926	\$637,926	\$637,926	\$639,673	\$637,926	\$637,926	\$637,926	\$639,673
97	Snow Mountain Hydro (Lost Creek 2) - Contract	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$238,499	\$239,195	\$238,542	\$238,542	\$238,542	\$239,195	\$238,542	\$238,542	\$238,542	\$239,195
98	South Feather Water and Power (Sly Creek & Kelly River)	Bilateral	Small Hydroelectric	No		(Redacted)									
99	Tank 7 In-Conduit Hydroelectric Project	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$82,883	\$123,335	\$123,409	\$123,409	\$123,409	\$123,335	\$123,409	\$123,409	\$123,409	\$123,335
100	Truckeehaven	Solicitation	Geothermal	Yes		(Redacted)									
101	Tunnel Hill Hydroelectric Project	AB1969/Feed-in Tariff	Small Hydroelectric	N/A	Feed-in Tariff	\$147,058	\$147,076	\$147,081	\$147,081	\$147,081	\$147,076	\$147,081	\$147,081	\$147,081	\$36,548
102	Wadham Extension	Bilateral	Biomass and Waste	No		(Redacted)									
103	Wildhorse & Hopkins Ridge	Bilateral	Wind (OOS)	No		(Redacted)									
104	Woodland Biomass	Bilateral	Biomass and Waste	No		(Redacted)									
105	ALTA MONT MIDWAY LTD	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
106	ALTA MONT POWER LLC (3-4)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
107	ALTA MONT POWER LLC (4-4)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
108	ALTA MONT POWER LLC (6-4)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
109	AMEDEE GEOTHERMAL VENTURE 1	(Redacted)	Geothermal	N/A		(Redacted)									
110	ARBUCKLE MOUNTAIN HYDRO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
111	BAILEY CREEK RANCH	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
112	BAKER STATION ASSOCIATES L.P.	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
113	BROWNS VALLEY IRRIGATION DISTRICT	(Redacted)	Small Hydro	N/A		(Redacted)									
114	BURNEY FOREST PRODUCTS	QF RPS Eligible Contract	Biomass	N/A		(Redacted)									
115	CALAVERAS YUBA HYDRO #1	(Redacted)	Small Hydro	N/A		(Redacted)									
116	CALAVERAS YUBA HYDRO #2	(Redacted)	Small Hydro	N/A		(Redacted)									
117	CALAVERAS YUBA HYDRO #3	(Redacted)	Small Hydro	N/A		(Redacted)									
118	CANAL CREEK POWER PLANT (RETA)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
119	CHARCOAL RAVINE	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
120	CITY OF WATSONVILLE	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
121	COLLINS PINE	QF RPS Eligible Contract	Biomass	N/A		(Redacted)									
122	COVANTA MENDOTA L.R.	QF RPS Eligible Contract	Biomass	N/A		(Redacted)									
123	COVANTA POWER PACIFIC, STOCKTON	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
124	DAVID O. HARDE	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
125	DG FAIRHAVEN POWER, LLC	QF RPS Eligible Contract	Biomass	N/A		(Redacted)									
126	DIGGER CREEK RANCH	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
127	DONALD R. CHENOWETH	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
128	E. J. M. MCFADDEN	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
129	EAGLE HYDRO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
130	EBMUD (OAKLAND)	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
131	EIF HAYPRESS LLC (MDL)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
132	EIF HAYPRESS, LLC (LWR)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
133	EL DORADO (MONTGOMERY CK)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
134	ERIC AND DEBBIE WATTENBURG	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
135	FAIRFIELD POWER PLANT (PAPAZIAN)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
136	FAR WEST POWER CORPORATION	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
137	FIVE BEARS HYDROELECTRIC	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
138	FRIANT POWER AUTHORITY	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
139	GAS RECOVERY SYS. (AMERICAN CYN)	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
140	GAS RECOVERY SYS. (GUADALUPE)	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
141	GAS RECOVERY SYS. (MENLO PARK)	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
142	GAS RECOVERY SYS. (NEWBY ISLAND 1)	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
143	GREEN RIDGE POWER LLC (10 MW)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
144	GREEN RIDGE POWER LLC (100 MW - A)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
145	GREEN RIDGE POWER LLC (100 MW - B)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
146	GREEN RIDGE POWER LLC (100 MW - C)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
147	GREEN RIDGE POWER LLC (100 MW - D)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
148	GREEN RIDGE POWER LLC (110 MW)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
149	GREEN RIDGE POWER LLC (23.8 MW)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
150	GREEN RIDGE POWER LLC (5.9 MW)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
151	GREEN RIDGE POWER LLC (70 MW - B)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
152	GREEN RIDGE POWER LLC (70 MW - C)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
153	GREEN RIDGE POWER LLC (70 MW - D)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
154	GREEN RIDGE POWER LLC (70 MW)	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
155	HAT CREEK HEREFORD RANCH	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
156	HENWOOD ASSOCIATES	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
157	HL POWER	QF RPS Eligible Contract	Biomass	N/A		(Redacted)									
158	HUMBOLDT BAY MWD	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
159	HYPPOWER, INC	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
160	INDIAN VALLEY HYDRO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
161	INTERNATIONAL TURBINE RESEARCH	QF RPS Eligible Contract	Wind	N/A		(Redacted)									
162	JACKSON VALLEY IRRIGATION DIST	(Redacted)	Small Hydro	N/A		(Redacted)									
163	JAMES B. PETER	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
164	JAMES CRANE HYDRO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
165	JOHN NEERHOUT JR.	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
166	KERN HYDRO (OLCESE)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
167	KINGS RIVER HYDRO CO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
168	LANGERWERF DAIRY	QF RPS Eligible Contract	Digester Gas	N/A		(Redacted)									
169	LASSEN STATION HYDRO	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
170	LOFTON RANCH	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
171	MADERA CANAL (1174 + 84)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
172	MADERA CANAL (1933)	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									
173	MADERA CANAL STATION 1302	QF RPS Eligible Contract	Small Hydro	N/A		(Redacted)									

174	MADERA-GHOWCHILLA WATER AND POWER AUTHORITY	QF RPS Eligible Contract	Small Hydro	N/A										
175	MALACHA HYDRO L.P.	QF RPS Eligible Contract	Small Hydro	N/A										
176	MEGA HYDRO #1 (CLOVER CREEK)	QF RPS Eligible Contract	Small Hydro	N/A										
177	MEGA HYDRO (GOOSE VALLEY RANCH)	QF RPS Eligible Contract	Small Hydro	N/A										
178	MEGA RENEWABLES (BIOWELL DITCH)	QF RPS Eligible Contract	Small Hydro	N/A										
179	MEGA RENEWABLES (HATCHET CRK)	QF RPS Eligible Contract	Small Hydro	N/A										
180	MEGA RENEWABLES (ROARING CRK)	QF RPS Eligible Contract	Small Hydro	N/A										
181	MEGA RENEWABLES (SILVER SPRINGS)	QF RPS Eligible Contract	Small Hydro	N/A										
182	MERCED ID (PARKER)	QF RPS Eligible Contract	Small Hydro	N/A										
183	MILL & SULPHUR CREEK	QF RPS Eligible Contract	Small Hydro	N/A										
184	MONTEREY CTY WATER RES AGENCY	QF RPS Eligible Contract	Small Hydro	N/A										
185	MONTEREY REGIONAL WASTE MGMT DIST	QF RPS Eligible Contract	Biomass	N/A										
186	MONTEREY REGIONAL WATER	QF RPS Eligible Contract	Digester Gas	N/A										
187	Mt. Paso Bridging	(Redacted)	Biomass and Waste	Yes										
188	NELSON CREEK POWER INC	QF RPS Eligible Contract	Small Hydro	N/A										
189	NEVADA IRRIGATION DISTRICT/BOWMAN HYDROELECTRIC PROJECT	QF RPS Eligible Contract	Small Hydro	N/A										
190	NORMAN ROSS BURGESS	(Redacted)	Small Hydro	N/A										
191	NORTHWIND ENERGY	QF RPS Eligible Contract	Wind	N/A										
192	ODGEN POWER PACIFIC, INC. (BURNEY)	QF RPS Eligible Contract	Biomass	N/A										
193	ODGEN POWER PACIFIC, INC. (MT. LASSEN)	QF RPS Eligible Contract	Biomass	N/A										
194	ODGEN POWER PACIFIC, INC. (OROVILLE)	QF RPS Eligible Contract	Biomass	N/A										
195	OLSEN POWER PARTNERS	QF RPS Eligible Contract	Small Hydro	N/A										
196	ORANGE COVE IRRIGATION DIST	QF RPS Eligible Contract	Small Hydro	N/A										
197	PACIFIC-ULTRAPOWER CHINESE STATION	QF RPS Eligible Contract	Biomass	N/A										
198	PATTERSON PASS WIND FARM LLC	QF RPS Eligible Contract	Wind	N/A										
199	PLACER COUNTY WATER AGENCY	QF RPS Eligible Contract	Small Hydro	N/A										
200	RED-SCOTIA, LLC	QF RPS Eligible Contract	Biomass	N/A										
201	RIO BRAVO FRESNO	QF RPS Eligible Contract	Biomass	N/A										
202	RIO BRAVO ROCKLIN	QF RPS Eligible Contract	Biomass	N/A										
203	ROBIN WILLIAMS SOLAR POWER GEN	QF RPS Eligible Contract	Solar PV	N/A										
204	ROCK CREEK L.P.	QF RPS Eligible Contract	Small Hydro	N/A										
205	ROCK CREEK WATER DISTRICT	QF RPS Eligible Contract	Small Hydro	N/A										
206	SANTA CLARA VALLEY WATER DIST.	QF RPS Eligible Contract	Small Hydro	N/A										
207	SCHAADS HYDRO	QF RPS Eligible Contract	Small Hydro	N/A										
208	SEA WEST ENERGY - ALTECH	QF RPS Eligible Contract	Wind	N/A										
209	SEA WEST ENERGY - CWES	QF RPS Eligible Contract	Wind	N/A										
210	SEA WEST ENERGY - SEAWEST	QF RPS Eligible Contract	Wind	N/A										
211	SEA WEST ENERGY - TAXVEST	QF RPS Eligible Contract	Wind	N/A										
212	SEA WEST ENERGY - VIKING	QF RPS Eligible Contract	Wind	N/A										
213	SEA WEST ENERGY - WESTERN	QF RPS Eligible Contract	Wind	N/A										
214	SHAMROCK UTILITIES (CEDAR FLAT)	QF RPS Eligible Contract	Small Hydro	N/A										
215	SHAMROCK UTILITIES (CLOVER LEAF)	QF RPS Eligible Contract	Small Hydro	N/A										
216	SIERRA ENERGY	QF RPS Eligible Contract	Small Hydro	N/A										
217	SIERRA PACIFIC IND. (ANDERSON)	(Redacted)	Biomass	N/A										
218	SIERRA PACIFIC IND. (BURNEY)	QF RPS Eligible Contract	Biomass	N/A										
219	SIERRA PACIFIC IND. (LINCOLN)	QF RPS Eligible Contract	Biomass	N/A										
220	SIERRA PACIFIC IND. (QUINCY)	QF RPS Eligible Contract	Biomass	N/A										
221	SNOW MOUNTAIN HYDRO LLC (BURNEY CREEK)	QF RPS Eligible Contract	Small Hydro	N/A										
222	SNOW MOUNTAIN HYDRO LLC (GOVE)	QF RPS Eligible Contract	Small Hydro	N/A										
223	SNOW MOUNTAIN HYDRO LLC (PONDEROSA BAILEY CREEK)	QF RPS Eligible Contract	Small Hydro	N/A										
224	SOUTH SAN JOAQUIN ID (FRANKENHEIMER)	QF RPS Eligible Contract	Small Hydro	N/A										
225	SOUTH SAN JOAQUIN ID (WOODWARD)	QF RPS Eligible Contract	Small Hydro	N/A										
226	SOUTH SUTTER WATER	(Redacted)	Small Hydro	N/A										
227	STANISLAUS WASTE ENERGY CO.	(Redacted)	Digester Gas	N/A										
228	STEVE & BONNIE TETRICK	QF RPS Eligible Contract	Small Hydro	N/A										
229	STOCKTON COGEN BRIDGING	(Redacted)	Biomass and Waste	N/A	QF Bridging Agreement									
230	STS HYDROPOWER LTD. (KANAKA)	QF RPS Eligible Contract	Small Hydro	N/A										
231	STS HYDROPOWER LTD. (KEKAWAKA)	(Redacted)	Small Hydro	N/A										
232	SUTTER'S MILL	QF RPS Eligible Contract	Small Hydro	N/A										
233	SWISS AMERICA	QF RPS Eligible Contract	Small Hydro	N/A										
234	THERMAL ENERGY DEV. CORP	QF RPS Eligible Contract	Biomass	N/A										
235	TKO POWER (SOUTH BEAR CREEK)	QF RPS Eligible Contract	Small Hydro	N/A										
236	TOM BENNINGHOVEN	QF RPS Eligible Contract	Small Hydro	N/A										
237	TRES VAQUEROS WIND FARMS, LLC	QF RPS Eligible Contract	Wind	N/A										
238	TRI-DAM AUTHORITY	QF RPS Eligible Contract	Small Hydro	N/A										
239	VECINO VINEYARDS LLC	(Redacted)	Small Hydro	N/A										
240	WASTE MANAGEMENT RENEWABLE ENERGY	QF RPS Eligible Contract	Digester Gas	N/A										
241	WATER WHEEL RANCH	QF RPS Eligible Contract	Small Hydro	N/A										
242	WENDEL ENERGY OPERATIONS 1, LLC	QF RPS Eligible Contract	Geothermal	N/A										
243	WHEELABRATOR SHASTA	QF RPS Eligible Contract	Biomass	N/A										
244	WRIGHT RANCH HYDROELECTRIC	QF RPS Eligible Contract	Small Hydro	N/A										
245	YOUTH WITH A MISSION/SPRINGS OF LIVING WATERS	QF RPS Eligible Contract	Small Hydro	N/A										
246	YUBA COUNTY WATER (DEADWOOD CREEK)	QF RPS Eligible Contract	Small Hydro	N/A										
247	YUBA COUNTY WATER AGENCY	QF RPS Eligible Contract	Small Hydro	N/A										
248	BioEnergy	Bilateral	Digester Gas	No	Digester Gas	\$163,382	\$163,801	\$163,382	\$163,382	\$163,382	\$163,801	\$163,382	\$163,382	\$163,801
249	Eden Vale Dairy	Bilateral	Biomass and Waste	No	Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
250	Microgy	Bilateral	Digester Gas	No	Digester Gas	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491	\$2,815,491
252	<b>Total</b>		<b>Total</b>		(Redacted)									

# RPS-Eligible Energy Integration Costs (2011-2020)

CONFIDENTIAL INFORMATION PROTECTED UNDER DECISION 06-06-066, APPENDIX 1, AND SUBMITTED UNDER PUBLIC UTILITIES CODE SECTION 583

\* Forecasted Energy Deliveries from Executed Post-2002 RPS PPAs (as defined in the Contract Costs tab) for Intermittent Generation (in MWh) [Note: Excludes QFs]

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Intermittent Gen MWh										
Solar PV	\$395,995	\$1,439,491	\$2,910,626	\$4,573,072	\$5,395,059	\$6,466,170	\$7,146,906	\$7,114,006	\$7,086,376	\$7,058,532
Solar Thermal	\$0	\$0	\$254,000	\$3,759,522	\$4,750,022	\$5,376,145	\$6,182,522	\$6,469,022	\$6,469,022	\$6,480,675
Wind	\$1,429,225	\$2,534,903	\$2,813,453	\$2,813,453	\$2,813,453	\$2,818,126	\$2,666,545	\$2,641,047	\$2,641,047	\$2,645,581
TOTAL	\$1,825,220	\$3,974,394	\$5,978,079	\$11,146,047	\$12,958,534	\$14,660,441	\$15,995,973	\$16,224,075	\$16,196,445	\$16,184,788

## Estimated Annual RPS Integration Costs

Integration Cost \$/MWh	\$8	\$9	\$10	\$11	\$12	\$13	\$14	\$15	\$16	\$17
Integration Cost \$	\$13,689,150	\$34,003,148	\$57,455,979	\$118,891,167	\$151,902,810	\$187,327,852	\$221,277,626	\$241,558,455	\$258,243,319	\$275,141,399