

Marin Clean Energy: Schedule 1 Data (MWh) from California Energy Commission's annual Power Source Disclosure Program

	2010*	2011	2012	2013	2014	2015	Total	
(fossil-fired energy) System Power (aka "Unspecified Sources")	27,176	73,468	225,591	428,059	427,163	405,033	1,586,490	System Power
(Calpine contract) Natural Gas	0	0	0	0	0	194,185	194,185	Natural Gas
unbundled RECs	3,500	24,500	203,029	345,000	382,500	256,108	1,214,637	unbundled RECs
Wind	6,202	1,471	90,452	97,280	216,961	379,141	791,507	Wind
(not classified "renewable" by California) Large Hydro	36,000	36,000	0	110,000	110,000	192,413	484,413	Large Hydro
Biogas	18,341	50,054	28,017	46,316	60,860	50,015	253,603	Biogas
Biomass	0	0	22,890	8,025	3,066	30,534	64,515	Biomass
Geothermal	0	0	0	0	51,280	27,244	78,524	Geothermal
Small hydro	0	0	0	74,000	0	63,878	137,878	Small Hydro
Solar	0	0	165	1,807	2,964	96,723	101,659	Solar
Total Annual MWh	91,219	185,493	570,144	1,110,487	1,254,794	1,695,274	4,907,411	Total Annual MWh
* Data from MEA Technical Committee, Oct. 24, 2011								
reported renewable energy, excluding RECs (MWh):	24,543	51,525	141,359	227,428	335,131	647,535		
unbundled RECs (1 REC = 1 megawatt-hour):	3,500	24,500	203,029	345,000	382,500	256,108		
unbundled RECs compared to reported renewable energy	14%	48%	144%	152%	114%	40%		
Pounds of GHGs per REC (per MWh Sys. Power)	943.58	943.58	943.58	943.58	943.58	943.58		
Total pounds of GHG in RECs (943.58 x # of RECs)	3,302,530	23,117,710	191,574,104	325,535,100	360,919,350	241,658,387	1,146,107,180	lbs of GHG that MCE fails to disclose to consumers.
# typical homes recv'g dirty power for year, based upon RECs:								
(530 KWh x 12 Mos.) = 6.36 MWh per year. E.g. 3,500 / 6.36 = 550	550	3,852	31,923	54,245	60,142	40,269		

2010 calendar year

These data are direct from MCE's October 24, 2011 Technical Committee packet

MCE ENERGY for 2010

RPS eligible (Bundled energy, Firm & Shape RECs, and Unbundled RECs)	24,543	
Non eligible renewable (unbundled RECs, aka "REC-only")	3,500	
Total renewable	28,043	
Zero carbon (large hydroelectric)	36,000	(Tri-Dam hydro facility)
"Unspecified" Power (System Power)	27,176	
Total Retail Sales (MWh)	91,219	

Red circles are actual purchased "Unspecified power" at emission rate = 943.58 lbs CO₂ per MWh.

MCE's Proposed Annual Report to the California Energy Commission for year ending December 31, 2011. Report dated June 2012.

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

June 2012

For the Year Ending December 31, 2011

SCHEDULE 1: RETAIL SALES

Applicable to: Retail Providers

INSTRUCTIONS: Enter information about power purchases supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Note: if the power was purchased from a power pool or wholesaler that will be filing an Annual Report with the Energy Commission (schedules 3 and 4), identify the name of the

SPECIFIC PURCHASES													
Facility Name	Unit Number	Fuel Type	Location (State) ¹	CEC RPS Certification Number ²	WREGIS ID Number ³	EIA ID Number ⁴	CEC Plant ID Number ⁵	QF ID Number ⁶	Gross kWh Purchased or Generated	kWh Resold or Self-Consumed	Net kWh Procured	MWh	Total MWh
Columbia Ridge 1	1	biogas	OR	60994A	W1361	50715			2038000		2038000	2,038	
Columbia Ridge 2	2	biogas	OR	60994A	W1385	50715			2218000		2218000	2,218	
Columbia Ridge 3	3	biogas	OR	60994A	W1387	50715			2474000		2474000	2,474	
Columbia Ridge 4	4	biogas	OR	60994A	W1388	50715			2608000		2608000	2,608	
Columbia Ridge 5	5	biogas	OR	60994A	W1389	50715			2590000		2590000	2,590	
Columbia Ridge 6	6	biogas	OR	60994A	W1390	50715			2625000		2625000	2,625	
Columbia Ridge 7	7	biogas	OR	60994A	W1391	50715			2633000		2633000	2,633	
Columbia Ridge 8	8	biogas	OR	60994A	W1392	50715			2615000		2615000	2,615	
Nine Canyon Phase 3		wind	WA	60803A	W697	7936			1999000		1999000	1,999	
Sierra Pacific Burlington		biomass	WA	60596A	W1491				17319000		17319000	17,319	
Big Horn Wind		wind	WA	60776A	W240				6203000		6203000	6,203	
High Desert Power Plant		biogas	CA	61409A	W1912				6203000		6203000	6,203	51,525 OK
Donnells Power House (TriDam)		large hydro	CA			415	H0145		36000000		36000000	36,000	36,000 OK
Robert O. Schulz Solar Farm		REC Only (unspecific)	CA		W871				2701000		2701000	2,701	
Robert O. Schulz Solar Farm #2	2	REC Only (unspecific)	CA		W1115				916000		916000	916	
Klondike Wind Power III LLC		REC Only (unspecific)	OR	60602A	W237				8000000		8000000	8,000	
Dunlap 1		REC Only (unspecific)	WY	61188A	W1687				363000		363000	363	MCE deletes in its advertised accounting
Campbell Hill		REC Only (unspecific)	WY	61017A	W1383				193000		193000	193	MCE deletes in its advertised accounting
Nine Canyon Wind Project		REC Only (unspecific)	WA		W684				191000		191000	191	
Rolling Hills		REC Only (unspecific)	WY	60806A	W928				268000		268000	268	
Seven Mile Hill 1	1	REC Only (unspecific)	WY	60807A	W975				155000		155000	155	MCE deletes in its advertised accounting
Seven Mile Hill 2	2	REC Only (unspecific)	WY	60808A	W976				44000		44000	44	
Glenrock 1	1	REC Only (unspecific)	WY	60805A	W964				146000		146000	146	
Glenrock 3	3	REC Only (unspecific)	WY	60804A	W965				68000		68000	68	
Goodnoe Hills		REC Only (unspecific)	WA	60819A	W536				97000		97000	97	MCE deletes in its advertised accounting
High Plains		REC Only (unspecific)	WY	60899A	W1334				372000		372000	372	
Leaning Jupiter		REC Only (unspecific)	OR	60562A	W200				83000		83000	83	
Marengo		REC Only (unspecific)	WA	60729A	W185				225000		225000	225	
Marengo 2	2	REC Only (unspecific)	WA	60730A	W772				162000		162000	162	
McFadden Ridge		REC Only (unspecific)	WY	60896A	W1341				117000		117000	117	
Top of the World		REC Only (unspecific)	WY	61199A	W1749				707000		707000	707	14,808 (MCE advertises 14,000)

UNSPECIFIED PURCHASES		
Gross kWh Purchased	kWh Resold or Self-Consumed	Net kWh Purchased
83,159,687	83,159,687	
Total Net Purchases		185,492,687

Total Retail Sales	185,492,687
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$$363 + 193 + 155 + 97 = 808 \quad ??$$

(But MCE advertised 73,468 MWh of Unspecified Power (brown power); what happens to the 9,692 MWhs of MCE's declared system power?)

¹Indicate the state or province the facility is located in.²Enter the California Energy Commission Renewable Portfolio Standard (RPS) Certification number for the facility, if applicable.³Enter the Western Renewable Electricity Generation Information System identification number, if applicable.⁴Enter the Energy Information Administration identification number for the generating facility, if available.⁵Enter the California Energy Commission's Plant ID number, if applicable.

Red circles are actual purchased "Unspecified power" at emission rate = 943.58 lbs CO2 per MWh.

These data are from MCE's MCE's Technical Committee Meeting packet, dated May 13, 2013. MCE's accounting deviates from its Proposed Annual Report to the California Energy Commission that was dated December 31, 2011, submitted June 2012.

RPS eligible (Bundled energy, Firm & Shape RECs, and Unbundled RECs)	51,525	<<<	Consistent with Proposed Annual Report (power source disclosure). "2011" tab, cell S23.
Non eligible renewable (unbundled RECs aka "REC-only")	14,000	<<<	Inconsistent with previously filed Proposed Annual Report to CEC; total was 14,808 RECs. See "2011" tab, cell T44.
Zero carbon (large hydroelectric)	36,000	<<<	Consistent with previously advertised purchase from TriDam hydro facility.
Zero carbon (Large hydro unbundled RECs retroactively purchased)	10,500 *	<<<	Inconsistent. Suddenly extra 10,500 MWh of large hydro (RECs) show up in MCE's 5-13-13-Technical Committee meeting packet. Never shows up in annual report to C
"Unspecified" Power (System Power)	73,468	<<<	Inconsistent. This is 9,692 fewer MWh than the 83,160 MWh that MCE reported to CEC in Power Source Disclosure Annual Report.
Total Retail Sales (MWh)	185,493		

Red circles are actual purchased "Unspecified power" at emission rate = 943.58 lbs CO2 per MWh.

* MCE bought these 10,500 RECs 15 months after the close of 2011 when PG&E delivered a surprisingly low annual GHG emission rate. PG&E delay due to 3rd party independent audit.

PROPOSED ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure Program
June 2013
For the Year Ending December 31, 2012
SCHEDULE 1: RETAIL SALES
Applicable to: Load Serving Entities

INSTRUCTIONS: Enter information about power purchases supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Note: If the power was purchased from a power pool or wholesaler that will be filing an Annual Report with the Energy Commission (schedules 3 and 4), identify the name of the pool / wholesaler under "Facility Name." If purchased power was from a transaction that expressly transferred RECs only and not energy, identify the power as the fuel type of the REC in the fuel type column. If purchased power was from a transaction that expressly transferred energy only and not the RECs associated with that energy, identify the power as "Unspecified Power" in the fuel type column. Please list all purchases (Specified and Unspecified purchases) as line items under the "Facility Name" heading. For Unspecified Purchases, if the facility name is unknown, please indicate "Generic Purchase" as the facility name.

ALL PURCHASES (Specified and Unspecified)														
Facility Name	Unit Number	Fuel Type	Location (State) ¹	CEC RPS Certification Number ²	WREGIS ID Number ³	EIA ID Number ⁴	CEC Plant ID Number ⁵	QF ID Number ⁶	Gross kWh Purchased or Generated	kWh Resold or Self-Consumed	Net kWh Procured	MWh	Total MWh	
Columbia Ridge 1	1	biogas	OR	60994A	W1361	50715			1,791,000		1,791,000	1,791		
Columbia Ridge 2	2	biogas	OR	60994A	W1385	50715			2,050,000		2,050,000	2,050		
Columbia Ridge 3	3	biogas	OR	60994A	W1387	50715			2,217,000		2,217,000	2,217		
Columbia Ridge 4	4	biogas	OR	60994A	W1388	50715			2,221,000		2,221,000	2,221		
Columbia Ridge 5	5	biogas	OR	60994A	W1389	50715			2,188,000		2,188,000	2,188		
Columbia Ridge 6	6	biogas	OR	60994A	W1390	50715			2,170,000		2,170,000	2,170		
Columbia Ridge 7	7	biogas	OR	60994A	W1391	50715			1,990,000		1,990,000	1,990		
Columbia Ridge 8	8	biogas	OR	60994A	W1392	50715			1,721,000		1,721,000	1,721		
Sierra Pacific Burlington		biomass	WA	60596A	W1491				22,890,000		22,890,000	22,890		
Roosevelt Bioogas 1 - LFG Phase II - LFG Engines 7-9	7-9	biogas	WA	60974A	W2398				7,279,000		7,279,000	7,279		
Lincoln Landfill Power Plant, Unit 3	3	landfill gas	CA	61632A	W2319				1,467,000		1,467,000	1,467		
Lincoln Landfill Power Plant, Units 1 & 2	1&2	landfill gas	CA	61632A	W2318				2,923,000		2,923,000	2,923	28,017	
San Rafael Airport		solar	CA	62237A	W2969				165,000		165,000	165		
Big Horn Wind		wind	WA	60776A	W240				7,271,000		7,271,000	7,271		
Juniper Canyon		wind	WA	61202A	W1690				16,000,000		16,000,000	16,000		
Nine Canyon Phase 3		wind	WA	60803A	W697	7936			9,460,000		9,460,000	9,460		
White Creek (White Creek Wind 1)	1	wind	WA	60721A	W360				57,721,000		57,721,000	57,721	90,452	
Cabinet Gorge Unit 2		REC Only "Unspecified power"	ID		W1560				10,000,000		10,000,000	10,000		
Cabinet Gorge Unit 3		REC Only "Unspecified power"	ID		W1561				8,267,000		8,267,000	8,267		
Fossil Gulch Wind Park		REC Only "Unspecified power"	ID		W831				7,129,000		7,129,000	7,129		
Golden Valley Wind Park		REC Only "Unspecified power"	ID	60917A	W1862				13,585,000		13,585,000	13,585		
Happy Jack		REC Only "Unspecified power"	WY	61253A	W882				25,000,000		25,000,000	25,000		
Harvest Wind		REC Only "Unspecified power"	WA	60857A	W1306				4,500,000		4,500,000	4,500		
Middle Fork Irrigation District		REC Only "Unspecified power"	OR	61383A	W1877				10,000,000		10,000,000	10,000		
Mountain Wind Power II		REC Only "Unspecified power"	WY	60812A	W1023				10,000,000		10,000,000	10,000		
Nine Canyon Wind Project		REC Only "Unspecified power"	WA		W684				4,405,000		4,405,000	4,405		
Noxon Rapids Unit 2		REC Only "Unspecified power"	MT		W1552				21,733,000		21,733,000	21,733		
Pa Tu Wind Farm		REC Only "Unspecified power"	OR		W1844				5,137,000		5,137,000	5,137		
Payne's Ferry Wind Park		REC Only "Unspecified power"	ID	60922A	W1866				1,354,000		1,354,000	1,354		
Pilgrim Stage Station Wind Park		REC Only "Unspecified power"	ID	60923A	W1884				13,624,000		13,624,000	13,624		
Power County Wind Park North		REC Only "Unspecified power"	ID	61613A	W2532				2,941,000		2,941,000	2,941		
Power County Wind Park South		REC Only "Unspecified power"	ID	61614A	W2533				2,187,000		2,187,000	2,187		
Puente Hills Gas-to-Energy Facility Phase II Gen3		REC Only "Unspecified power"	CA	60632A	W858				3,000,000		3,000,000	3,000		
Robert O. Schulz Solar Farm		REC Only "Unspecified power"	CA		W871				2,293,000		2,293,000	2,293		
Robert O. Schulz Solar Farm #2	2	REC Only "Unspecified power"	CA		W1115				736,000		736,000	736		
Sagebrush Power Partners, LLC (Kittitas Valley Wind Farm)		REC Only "Unspecified power"	WA	60939A	W1876				19,501,000		19,501,000	19,501		
Thousand Springs Wind Park		REC Only "Unspecified power"	ID	60925A	W1881				4,137,000		4,137,000	4,137		
Total Energy Facility (TEF-GEN 1)		REC Only "Unspecified power"	CA	60633A	W866				4,645,000		4,645,000	4,645		
Total Energy Facility (TEF-GEN 2)		REC Only "Unspecified power"	CA	60633A	W867				3,678,000		3,678,000	3,678		
Total Energy Facility (TEF-GEN 3)		REC Only "Unspecified power"	CA	60633A	W868				3,677,000		3,677,000	3,677		
White Creek (White Creek Wind 1)	1	REC Only "Unspecified power"	WA	60721A	W360				11,500,000		11,500,000	11,500		
Wolverine Creek		REC Only "Unspecified power"	ID	60564E	W188				10,000,000		10,000,000	10,000	203,029	
Generic Purchase		Unspecified Power							225,590,667		225,590,667	225,591	225,591	

¹Indicate the state or province the facility is located in.

²Enter the California Energy Commission Renewable Portfolio Standard (RPS) Certification number for the facility, if applicable.

³Enter the Western Renewable Electricity Generation Information System identification number, if applicable.

⁴Enter the Energy Information Administration identification number for the generating facility, if available.

⁵Enter the California Energy Commission's Plant ID number, if applicable.

⁶Please enter the Qualifying Facility ID Number for the facility, if available.

Total Net Purchases 570,143,667

Total Retail Sales 570,143,667

Red circles are actual purchased "Unspecified power" at emission rate = 943.58 lbs CO2 per MWh.

PROPOSED ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure Program
June 2014
For the Year Ending December 31, 2013
SCHEDULE 1: RETAIL SALES
Applicable to: Load Serving Entities

INSTRUCTIONS: Enter information about power purchases supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Note: If the power was purchased from a power pool or wholesaler that will be filing an Annual Report with the Energy Commission (schedules 3 and 4), identify the name of the pool/wholesaler under "Facility Name." If purchased power was from a

ALL PURCHASES (Specified and Unspecified)												MWh	Total MWh
Facility Name	Fuel Type	Location (State) ¹	CERT RPS Certification Number ²	WREGIS ID Number ³	EIA ID Number ⁴	CEC Plant ID Number ⁵	QF ID Number ⁶	Gross kWh Purchased or Generated	kWh Resold or Self-Consumed	Net kWh Procured			
Columbia Ridge 1	Biogas	OR	60994A	W1361	50715			946,000		946000	946		
Columbia Ridge 2	Biogas	OR	60994A	W1385	50715			945,000		945000	945		
Columbia Ridge 3	Biogas	OR	60994A	W1387	50715			922,000		922000	922		
Columbia Ridge 4	Biogas	OR	60994A	W1388	50715			558,000		558000	558		
Columbia Ridge 5	Biogas	OR	60994A	W1389	50715			560,000		560000	560		
Columbia Ridge 6	Biogas	OR	60994A	W1390	50715			871,000		871000	871		
Columbia Ridge 7	Biogas	OR	60994A	W1391	50715			1,200,000		1200000	1,200		
Columbia Ridge 8	Biogas	OR	60994A	W1392	50715			1,428,000		1428000	1,428		
G2 Energy Hay Road Power P	Biogas	CA	61205A	W3547				5,964,000		5964000	5,964		
Ostrom Road Landfill Gas Proj	Biogas	CA	61206A	W1565				3,913,000		3913000	3,913		
Lincoln Landfill Power Plant	Biogas	CA	61632A	W2318				9,640,000		9640000	9,640		
Lincoln Landfill Power Plant	Biogas	CA	61632A	W2319				4,821,000		4821000	4,821		
Lincoln Landfill Power Plant	Biogas	CA	61632A	W3188				14,548,000		14548000	14,548		
SPI - Burlington	Biomass	WA	60596A	W1491				8,025,000		8025000	8,025		
San Rafael Airport	PV Solar	CA	62237A	W2969				1,807,000		1807000	1,807		
Beardsley Powerhouse	Small Hydroelectric	CA	60072A	W787				18,738,000		18738000	18,738		
Tulloch Powerhouse	Small Hydroelectric	CA	60071A	W788				52,703,000		52703000	52,703		
Tulloch Powerhouse	Small Hydroelectric	CA	60071A	W3091				2,559,000		2559000	2,559		
Big Horn Wind Project	Wind	WA	60776A	W240				13,094,000		13094000	13,094		
Combine Hills II	Wind	OR	60928A	W1379				33,901,000		33901000	33,901		
Juniper Canyon Wind Power	Wind	WA	61202A	W1690				14,956,000		14956000	14,956		
Leaning Juniper Wind Power II	Wind	OR	61200A	W1689				34,044,000		34044000	34,044		
Nine Canyon Wind Project-Nin	Wind	WA	60803A	W697	7936			1,285,000		1285000	1,285	227,428	
Donnells Power House	Hydroelectric	CA				H0145		110,000,000		110000000	110,000	110,000	
Double A Dairy Digester	REC only, Biogas	ID	61221A	W2775				6,213,000		6213000	6,213		
Birch Creek Project	REC only, Small Hydroele	ID	61378A	W1952				5,802,000		5802000	5,802		
Dry Creek Project	REC only, Small Hydroele	ID	61381A	W2011				466,000		466000	466		
Falls Creek Hydroelectric Proj	REC only, Small Hydroele	OR	61375A	W225				12,039,000		12039000	12,039		
Marsh Valley Project	REC only, Small Hydroele	ID	61380A	W2009				924,000		924000	924		
Middle Fork Irrigation District H	REC only, Small Hydroele	OR	61383A	W1877				32,000,000		32000000	32,000		
Burley Butte Wind Park	REC only, Wind	ID	60915A	W1864				10,297,000		10297000	10,297		
Camp Reed Wind Park	REC only, Wind	ID	60916A	W1875				15,328,000		15328000	15,328		
Campbell Hill - Three Buttes	REC only, Wind	WY	61017A	W1383				12,892,000		12892000	12,892		
Chevron Casper Wind Farm	REC only, Wind	WY	60975A	W1370				958,000		958000	958		
Condon Phase II	REC only, Wind	OR	NA	W833				135,000		135000	135		
Condon Wind Power Project	REC only, Wind	OR	NA	W774				132,000		132000	132		
Dunlap I	REC only, Wind	WY	61188A	W1687				17,449,000		17449000	17,449		
Foot Creek 1	REC only, Wind	WY	60561A	W201				2,183,000		2183000	2,183		
Fossil Gulch Wind Park	REC only, Wind	ID	NA	W831				3,844,000		3844000	3,844		
FPL Energy Vansycle LLC	REC only, Wind	WA	NA	W248				1,387,000		1387000	1,387		
Glenrock I	REC only, Wind	WY	60805A	W964				20,554,000		20554000	20,554		
Glenrock III	REC only, Wind	WY	60804A	W965				1,104,000		1104000	1,104		
Golden Valley Wind Park	REC only, Wind	ID	60917A	W1862				12,570,000		12570000	12,570		
Goodnoe Hills	REC only, Wind	WA	60819A	W536				1,114,000		1114000	1,114		
High Plains	REC only, Wind	WY	60899A	W1334				5,611,000		5611000	5,611		
Klondike Wind Power III	REC only, Wind	OR	60602A	W237				3,625,000		3625000	3,625		
Klondike Wind Power LLC	REC only, Wind	OR	NA	W238				128,000		128000	128		
McFadden Ridge	REC only, Wind	WY	60896A	W1341				1,708,000		1708000	1,708		
Milner Dam Wind Park	REC only, Wind	ID	60919A	W1863				9,730,000		9730000	9,730		
Mountain Air Projects	REC only, Wind	ID	62314A	W2869				47,829,000		47829000	47,829		
Nine Canyon Wind Project-Nin	REC only, Wind	WA	60803A	W697	7936			7,657,000		7657000	7,657		
Oregon Trail Wind Park	REC only, Wind	ID	60921A	W1882				6,796,000		6796000	6,796		
PaTu Wind Farm LLC	REC only, Wind	OR	61245A	W1844				2,000,000		2000000	2,000		
Payne's Ferry Wind Park	REC only, Wind	ID	60922A	W1866				11,797,000		11797000	11,797		
Pilgrim Stage Station Wind Pa	REC only, Wind	ID	60923A	W1884				8,619,000		8619000	8,619		
Rock River 1	REC only, Wind	WY	60563E	W187				1,121,000		1121000	1,121		
Rolling Hills	REC only, Wind	WY	60806A	W928				13,908,000		13908000	13,908		
Salmon Falls Wind Park	REC only, Wind	ID	60927A	W1885				11,122,000		11122000	11,122		
Seven Mile Hill I	REC only, Wind	WY	60807A	W975				17,592,000		17592000	17,592		
Seven Mile Hill II	REC only, Wind	WY	60808A	W976				5,500,000		5500000	5,500		
Thousand Springs Wind Park	REC only, Wind	ID	60925A	W1881				6,078,000		6078000	6,078		
Top of the World	REC only, Wind	WY	61199A	W1749				2,573,000		2573000	2,573		
Tuana Gulch Wind Park	REC only, Wind	ID	60924A	W1883				7,050,000		7050000	7,050		
Wolverine Creek	REC only, Wind	ID	60564A	W188				886,000		886000	886		
Yahoo Creek Wind Park	REC only, Wind	ID	60926A	W1874				16,279,000		16279000	16,279	345,000	
Generic Purchase	Unspecified Power							428,058,620		428058620	428,059	428,059	

¹Indicate the state or province the facility is located in.

²Enter the California Energy Commission Renewable Portfolio Standard (RPS) Certification number for the facility, if applicable.

³Enter the Western Renewable Electricity Generation Information System identification number, if applicable.

⁴Enter the Energy Information Administration identification number for the generating facility, if available.

⁵Enter the California Energy Commission's Plant ID number, if available.

⁶Please enter the Qualifying Facility ID Number for the facility, if available.

Total Net Purchases 1,110,486,620

Total Retail Sales 1,110,486,620

Red circles are actual purchased "Unspecified power" at emission rate = 943.58 lbs CO2 pe

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

June 2015

For the Year Ending December 31, 2014

SCHEDULE 1: RETAIL SALES

Applicable to: Load Serving Entities

INSTRUCTIONS: Enter information about power purchases supporting all electricity products for which your company is filing the Annual Report. If you need additional rows, add them from the INSERT menu. Note: if the power was purchased from a power pool or wholesaler that will be filing an Annual Report with the Energy Commission (schedules 3 and 4), identify the name of the pool / wholesaler under "Facility Name." If

ALL PURCHASES (Specified and Unspecified)

Facility Name	Unit Number	Fuel Type	Location (State) ¹	CEC RPS Certification Number ²	WREGIS ID Number ³	EIA ID Number ⁴	CEC Plant ID Number ⁵	QF ID Number ⁶	Gross kWh Purchased or Generated	kWh Resold or Self-Consumed	Net kWh Procured	MWh
Alta 10		Wind	CA	62244A	W3537				60000000		60000000	60,000
Cabazon Wind Partners		Wind	CA	60736A	W834				30580000		30580000	30,580
Eurus Combine Hills II LLC		Wind	OR	60928A	W1379				36053000		36053000	36,053
G2 Hay Road		Biogas	CA	61205C	W3547				15623000		15623000	15,623
G2 Ostrom Road	Unit 1	Biogas	CA	61206A	W1565				640000		640000	640
G2 Ostrom Road	Unit 2	Biogas	CA	61206A	W3932				12073000		12073000	12,073
Geysers Power Plant - Calpine Geothermal	Unit 17	Geothermal	CA	60007A	W124				26280000		26280000	26,280
Geysers Power Plant - Calpine Geothermal	Unit 18	Geothermal	CA	60008A	W125				25000000		25000000	25,000
Juniper Canyon		Wind	WA	61202A	W1690				23953000		23953000	23,953
Kansas		PV Solar	CA	61263A	W4192				1437000		1437000	1,437
Leaning Juniper II		Wind	OR	61200A	W1689				26047000		26047000	26,047
LFG Phase II - LFG Engines 7-9 (Roosevelt Biogas 1)		Biogas	WA	60974A	W2398				526000		526000	526
Lincoln Landfill Power Plant	Units 1 & 2	Biogas	CA	61632A	W2318				10633000		10633000	10,633
Lincoln Landfill Power Plant	Unit 3	Biogas	CA	61632A	W2319				5316000		5316000	5,316
Lincoln Landfill Power Plant	Units 4, 5 & 6	Biogas	CA	61632A	W3188				16049000		16049000	16,049
San Rafael Airport		PV Solar	CA	62237A	W2969				1527000		1527000	1,527
Sierra Pacific Burlington		Biomass	WA	60596A	W1491				3066000		3066000	3,066
White Creek Wind 1		Wind	WA	60721A	W360				40328000		40328000	40,328
GCPD - Priest Rapids Hydro		Hydro (large)	WA			3887			110000000		110000000	110,000
Campbell Hill		REC Only, Wind	WA	61017A	W1383				16352000		16352000	16,352
Dunlap		REC Only, Wind	WA	61188A	W1687				3513000		3513000	3,513
Glenrock 1		REC Only, Wind	WA	60805A	W964				10693000		10693000	10,693
Glenrock III		REC Only, Wind	WA	60804A	W965				4210000		4210000	4,210
Golden Valley Wind Park		REC Only, Wind	WA	60917A	W1862				9688000		9688000	9,688
Goodnoe Hills		REC Only, Wind	WA	60819A	W536				1491000		1491000	1,491
Hay Canyon		REC Only, Wind	OR	60724A	W978				3203000		3203000	3,203
High Plains		REC Only, Wind	WA	60899A	W1334				2778000		2778000	2,778
Hopkins Ridge		REC Only, Wind	WA	60745A	W184				7500000		7500000	7,500
Klondike Wind Power III LLC		REC Only, Wind	OR	60602A	W237				8113000		8113000	8,113
Lower Snake River (LSR) - Phalen Gulch		REC Only, Wind	WA	62044A	W2670				15000000		15000000	15,000
Marengo		REC Only, Wind	WA	60729A	W185				2163000		2163000	2,163
Marengo 2		REC Only, Wind	WA	60730A	W772				1047000		1047000	1,047
McFadden Ridge		REC Only, Wind	WA	60896A	W1341				3448000		3448000	3,448
Minner Dam Wind Park		REC Only, Wind	WA	60919A	W1863		382,500		1676000		1676000	1,676
Mountain Air Wind Projects		REC Only, Wind	WA	62314A	W2869				18439000		18439000	18,439
Palouse Wind		REC Only, Wind	WA	62288A	W2906				2158000		2158000	2,158
Rolling Hills		REC Only, Wind	WA	60806A	W928				9745000		9745000	9,745
Seven Mile Hill 1		REC Only, Wind	WA	60807A	W975				7335000		7335000	7,335
Seven Mile Hill 2		REC Only, Wind	WA	60808A	W976				777000		777000	777
Top of the World		REC Only, Wind	WA	61199A	W1749				8639000		8639000	8,639
Wild Horse		REC Only, Wind	WA	60746A	W183				218035000		218035000	218,035
Wild Horse - Phase II		REC Only, Wind	WA	60746A	W1364				25000000		25000000	25,000
Wolverine Creek		REC Only, Wind	WA	60564E	W188				1458000		1458000	1,458
Yahoo Creek Wind Park		REC Only, Wind	WA	60926A	W1874				39000		39000	39
Generic Purchase		Unspecified Power							427163292		427163292	427,163

¹Indicate the state or province the facility is located in.²Enter the California Energy Commission Renewable Portfolio Standard (RPS) Certification number for the facility, if applicable.³Enter the Western Renewable Electricity Generation Information System identification number, if applicable.⁴Enter the Energy Information Administration identification number for the generating facility, if available.⁵Enter the California Energy Commission's Plant ID number, if applicable.⁶Please enter the Qualifying Facility ID Number for the facility, if available.

Total Net Purchases 1,254,794,292

Total Retail Sales 1,254,794,292

PROPOSED ANNUAL REPORT TO THE CALIFORNIA ENERGY COMMISSION: Power Source Disclosure Program											
June 2016											
For the Year Ending December 31, 2015											
SCHEDULE 1: RETAIL SALES											
Applicable to: Load Serving Entities											
ALL PROCUREMENTS (Specified and Unspecified)											
Facility Name	Unit Number	Fuel Type	Location (State or Province)	WREGIS GU ID	EIA ID	CEC Plant ID	FERC QF ID	Gross kWh Procured	kWh Resold or Self Consumed	Net kWh Procured	
Camp Reed Wind Park (REC Only)		Wind	ID	W1875				250,000.00		250,000.00	
Campbell Hill (REC Only)		Wind	WY	W1383				387,370.00		387,370.00	
Double A Dairy Digester - AgPower Jerome, LLC (REC Only)		Biogas	ID	W2775				7,220.00		7,220.00	
Dunlap 1 (REC Only)	1	Wind	WY	W1687				3,765.00		3,765.00	
Glenrock I (REC Only)		Wind	WY	W964				2,902.00		2,902.00	
Glenrock III (REC Only)		Wind	WY	W965				1,075.00		1,075.00	
Goodnoe Hills (REC Only)		Wind	WA	W536				804.00		804.00	
High Plains (REC Only)		Wind	WY	W1334				3,000.00		3,000.00	
Leaning Juniper I (REC Only)		Wind	OR	W200				4,346.00		4,346.00	
Lower Snake River (LSR) - Phalen Gulch (REC Only)		Wind	WA	W2670				2,700.00		2,700.00	
Marengo (REC Only)		Wind	WA	W185				2,202.00		2,202.00	
Marengo II (REC Only)		Wind	WA	W772				1,070.00		1,070.00	
2McFadden Ridge (REC Only)		Wind	WY	W1341				1,074.00		1,074.00	
Meadow Creek Wind Farm - Five Pine Project (REC Only)		Wind	ID	W3186				13,517.00		13,517.00	
Meadow Creek Wind Farm - North Point Wind Farm (REC Only)		Wind	ID	W3185				96,977.00		96,977.00	
Meadow Creek Wind Farm - Pine Project (REC Only)		Wind	ID	W3186				14,506.00		14,506.00	
Mountain Air Wind Projects (REC Only)		Wind	ID	W2669				13,391.00		13,391.00	
Nine Canyon Phase 3 (REC Only)		Wind	WA	W697				4,167.00		4,167.00	
Rising Tree Wind Farm LLC (REC Only)		Wind	CA	W4444				2,071.00		2,071.00	
Rising Tree Wind Farm II LLC (REC Only)		Wind	CA	W4445				605.00		605.00	
Rolling Hills (REC Only)		Wind	WY	W928				217.00		217.00	
Salmon Falls Wind Park (REC Only)		Wind	ID	W1885				3,727.00		3,727.00	
Seven Mile Hill I (REC Only)		Wind	WY	W975				3,113.00		3,113.00	
Seven Mile Hill II (REC Only)		Wind	WY	W976				1,004.00		1,004.00	
Top of the World (REC Only)		Wind	WY	W1749				7,447.00		7,447.00	
Wild Horse (REC Only)		Wind	WA	W183				17,574.00		17,574.00	
Wolverine Creek (REC Only)		Wind	ID	W188				2,064.00		2,064.00	
Yahoo Creek Wind Park (REC Only)		Wind	ID	W1874				4,332.00		4,332.00	
Cedar Creek		Wind	CO	W892				500,000.00		500,000.00	
City of Corcoran Solar		PV Solar	CA	W4150				20,772.00		20,772.00	
Corona - MWD Corona		Small Hydro	CA	W471				12,785.00		12,785.00	
Calpine Delta Energy Center		Natural Gas	CA		55333	G0783		194,185.00		194,185.00	
Diamond Valley Lake Hydroelectric Plant - MWD DVL		Small Hydro	CA	W1287				7,298.00		7,298.00	
Eurus Combine Hills II LLC		Wind	OR	W1379				2,816.00	2,816	2,816.00	
Folsom Unit 1 - Folsom Powerplant	1	Hydro	CA	W1156				576.00		576.00	
Folsom Unit 2 - Folsom Powerplant	2	Hydro	CA	W1157				884.00		884.00	
G2 Hay Road		Biogas	CA	W3547				11,271.00		11,271.00	
G2 Ostrom Road		Biogas	CA	W1565				1,661.00		1,661.00	
G2 Ostrom Road, Unit 2	2	Biogas	CA	W3932				10,656.00		10,656.00	
GCPD, Priest Rapids & Wanapum Hydroelectric Project		Hydro	WA		3887, 3888		???	140,101.00		140,101.00	
Geysers Power Plant - Calpine Geothermal Unit 17	17	Geothermal	CA	W124				27,244.00		27,244.00	
Gianelli Powerplant - Gianelli (6)	6	Hydro	CA	W1162				575.00		575.00	
Goose Lake Solar		PV Solar	CA	W4151				24,269.00		24,269.00	
Harvest Wind		Wind	WA	W1306				56,404.00	43,000	56,404.00	
Henry M. Jackson Hydroelectric Project		Hydro	WA		7588		???	4,635.00		4,635.00	
J.F. Carr Unit 1 - J.F. Carr Powerplant	1	Hydro	CA	W1163				785.00		785.00	
J.F. Carr Unit 2 - J.F. Carr Powerplant	2	Hydro	CA	W1164				986.00		986.00	
Kansas		PV Solar	CA	W4192				49,984.00		49,984.00	
Keswick Powerplant - Keswick Powerplant (3)	3	Hydro	CA	W1165				1,978.00		1,978.00	
Klondike III - Klondike Wind Power III LLC		Wind	OR	W237				20,863.00		20,863.00	
Lake Chelan Hydroelectric Project		Hydro	WA		6424		???	2,604.00		2,604.00	
Lincoln Landfill Power Plant, Units 1 & 2	1, 2	Biogas	CA	W2318				8,782.00		8,782.00	
Lincoln Landfill Power Plant, Unit 3	3	Biogas	CA	W2319				4,391.00		4,391.00	
Lincoln Landfill Power Plant, Units 4, 5 & 6	4, 5, 6	Biogas	CA	W3188				13,254.00		13,254.00	
New Melones Unit 1 - New Melones Powerplant	1	Hydro	CA	W1159				488.00		488.00	
New Melones Unit 2 - New Melones Powerplant	2	Hydro	CA	W1160				443.00		443.00	
Nimbus Powerplant - Nimbus Plant (2)	2	Small Hydro	CA	W1161				207.00		207.00	
O'Neill Powerplant - O'Neill (3)	3	Hydro	CA	W1167				57.00		57.00	
Pardee - Pardee 1	1	Small Hydro	CA	W233				4,339.00		4,339.00	
Pardee - Pardee 2	2	Small Hydro	CA	W241				4,320.00		4,320.00	
Pardee - Pardee 3	3	Small Hydro	CA	W242				4,987.00		4,987.00	
Red Mountain - MWD Red Mountain		Small Hydro	CA	W473				13,650.00		13,650.00	
Rising Tree Wind Farm II LLC		Wind	CA	W4612				177,895.00		177,895.00	
Rock Island Hydroelectric Project		Hydro	WA		6200		???	10,353.00		10,353.00	
Rocky Reach Hydroelectric Project		Hydro	WA		3883		???	17,314.00		17,314.00	
San Rafael Airport		PV Solar	CA	W2969				1,698.00		1,698.00	
Seneca Sustainable Energy		Biomass	OR	W2045				30,534.00		30,534.00	
Shasta Powerplant - Shasta Unit 1	1	Hydro	CA	W1168				1,404.00		1,404.00	
Shasta Powerplant - Shasta Unit 2	2	Hydro	CA	W1169				1,510.00		1,510.00	
Shasta Powerplant - Shasta Unit 3	3	Hydro	CA	W1170				1,598.00		1,598.00	
Shasta Powerplant - Shasta Unit 4	4	Hydro	CA	W1171				1,567.00		1,567.00	
Shasta Powerplant - Shasta Unit 5	5	Hydro	CA	W1172				1,734.00		1,734.00	
Spring Creek Powerplant - Spring Creek Unit 1	1	Hydro	CA	W1173				1,356.00		1,356.00	
Spring Creek Powerplant - Spring Creek Unit 2	2	Hydro	CA	W1174				74.00		74.00	
Stampede Powerplant - Stampede (2)	2	Small Hydro	CA	W1177				25.00		25.00	
Temescal - MWD Temescal		Small Hydro	CA	W475				16,267.00		16,267.00	
Trinity Powerplant - Trinity Unit 2	2	Hydro	CA	W1176				1,391.00		1,391.00	
White Creek Wind 1		Wind	WA	W360				71,163.00	21,163	71,163.00	
Generic Purchase			CAISO					405,032.832		405,032.832	
										0	

	MCE Advertised	MCE Actual	PG&E	
RE	903,643	53%	623,556	37%
Carbon-free	192,413	11%	192,413	11%
Gas-fired	194,185	11%	194,185	11%
Brown Power	405,033	24%	685,120	40%

Total Net Purchases 1,695,273,832

Total Retail Sales 1,695,273,832