

CALIFORNIA ALTERNATIVE ENERGY AND ADVANCED TRANSPORTATION FINANCING AUTHORITY
REPORT OF SB 71 SALES AND USE TAX EXCLUSION (STE)
FINANCING APPLICATIONS CONSIDERED AND APPROVED
May 1, 2012

Application Number	Date of Board Consideration	Applicant Name	Location	Use of Proceeds	QP Amount	STE Amount (Anticipated) ¹	STE Used to Date ¹	Estimated Environmental Benefit ²	Estimated Fiscal Benefit ²	Estimated Net Benefit ²	Expected Total Jobs	Expected Total Jobs from SB 71 ²	
APPLICATIONS FOR CONSIDERATION April 17, 2012													
1	12-SM006	5/15/2012	John Galt Biogas Inc.	Galt (Sacramento County)	Biogas Capture & Production	\$ 1,025,769	\$ 89,845	N/A	\$ 112,933	\$ 128,931	\$ 158,777	19	2
2	12-SM004	5/15/2012	Soitec Solar Industries LLC	San Diego (San Diego County)	Concetrated Photovoltaic Manufacturing	\$ 104,381,342	\$ 8,454,889	N/A	\$ 3,706,841	\$ 10,302,813	\$ 5,554,765	399	44
3	12-SM007	5/15/2012	Reflexite Soitec Optical Technology LLC	San Diego (San Diego County)	Concetrated Photovoltaic Manufacturing	\$ 24,500,000	\$ 1,984,500	N/A	\$ 357,750	\$ 1,704,725	\$ 77,975	114	8
SUBTOTAL:						\$ 129,907,111	\$ 10,529,234		\$ 4,177,524	\$ 12,136,469	\$ 5,791,517	532	54

APPLICATIONS PREVIOUSLY APPROVED - ACTIVE													
1	10-SM001	11/17/2010	Bowerman Power LFG, LLC	Irvine (Orange County)	Landfill Gas Capture & Production	\$ 9,240,000	\$ 840,840	\$ -	\$ 398,492	\$ 1,008,052	\$ 565,704	30	3
2	10-SM002	11/17/2010	ABEC Bidart Stockdale, LLC	Bakersfield (Kern County)	Biogas Capture & Production	\$ 1,131,584	\$ 102,974	\$ 77,827	\$ 228,808	\$ 73,809	\$ 199,643	26	3
3	10-SM004	11/17/2010	First Solar, Inc.	Santa Clara (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 37,700,000	\$ 3,430,700	\$ 3,409,567	\$ 1,668,971	\$ 1,971,559	\$ 209,831	174	17
4	10-SM007	11/17/2010	The Solaria Corporation	Fremont (Alameda County)	Solar Photovoltaic Manufacturing	\$ 7,800,000	\$ 709,800	\$ 258,678	\$ 834,403	\$ 1,564,665	\$ 1,689,268	180	17
5	10-SM009	11/17/2010	Nanosolar Inc.	San Jose (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 140,187,900	\$ 12,757,099	\$ 3,961,500	\$ 10,527,415	\$ 6,992,728	\$ 4,763,045	410	36
6	10-SM013	11/17/2010	NuvoSun Incorporated	Milpitas (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 20,000,000	\$ 1,820,000	\$ 756,150	\$ 2,137,232	\$ 2,594,509	\$ 2,911,741	160	18
7	10-SM015	11/17/2010	Bloom Energy Corporation	Sunnyvale (Santa Clara County)	Solid Oxide Fuel Cell Systems Manufacturing	\$ 37,447,693	\$ 3,407,740	\$ 807,488	\$ 562,054	\$ 11,144,189	\$ 8,298,503	1,004	83
8	10-SM020	12/15/2010	Ameresco Butte County LLC	Paradise (Butte County)	Landfill Gas Capture and Production	\$ 1,085,554	\$ 98,785	\$ 43,722	\$ 71,701	\$ 185,955	\$ 158,870	12	1
9	10-SM021	12/15/2010	Ameresco Crazy Horse LLC	Salinas (Monterey County)	Landfill Gas Capture and Production	\$ 1,558,460	\$ 141,820	\$ -	\$ 103,093	\$ 432,228	\$ 393,501	12	1
10	10-SM022	12/15/2010	Ameresco Forward LLC	Manteca (San Joaquin County)	Landfill Gas Capture and Production	\$ 2,227,596	\$ 202,711	\$ -	\$ 37,823	\$ 277,169	\$ 112,281	11	1
11	10-SM023	12/15/2010	Ameresco Johnson Canyon LLC	Gonzales (Monterey County)	Landfill Gas Capture and Production	\$ 766,293	\$ 69,733	\$ 33,899	\$ 33,124	\$ 168,912	\$ 132,303	12	1
12	10-SM024	12/15/2010	Ameresco San Joaquin LLC	Linden (San Joaquin County)	Landfill Gas Capture and Production	\$ 1,723,486	\$ 156,837	\$ -	\$ 99,894	\$ 419,234	\$ 362,292	12	1
13	10-SM025	12/15/2010	Ameresco Vasco Road LLC	Livermore (Alameda County)	Landfill Gas Capture and Production	\$ 1,828,204	\$ 166,367	\$ -	\$ 66,258	\$ 333,415	\$ 233,306	11	1
14	10-SM026	12/15/2010	BioFuels Point Loma, LLC	San Diego (San Diego County)	Biogas Capture and Production	\$ 6,236,024	\$ 567,478	\$ 379,304	\$ 120,126	\$ 509,292	\$ 61,939	25	3
15	10-SM027	12/15/2010	Alta Devices, Inc.	Sunnyvale (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 40,845,000	\$ 3,716,895	\$ 534,430	\$ 561,404	\$ 5,025,666	\$ 1,870,175	322	37
16	10-SM028	12/15/2010	California Institute of Technology	Pasadena (Los Angeles County)	Research & Development of Solar Fuel Generator Systems	\$ 13,400,000	\$ 1,219,400	\$ 185,382	\$ -	\$ 702,662	\$ (516,738)	133	15
17	10-SM012	12/15/2010	SunPower Corporation	Milpitas (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 8,000,000	\$ 728,000	\$ 704,816	\$ 903,595	\$ 1,877,730	\$ 2,053,325	94	11
18	10-SM010	12/15/2010 2/22/2011	Calipatria, Niland, Brawley, Inc.	Calipatria, Niland, Brawley (Imperial County)	Lithium and Battery Material Manufacturing	\$ 42,484,174	\$ 3,866,060	\$ 117,212	\$ 558,363	\$ 9,552,414	\$ 6,244,717	212	23
19	11-SM001	1/25/2011	Leyden Energy, Inc.	Fremont (Alameda County)	Lithium Ion Battery Manufacturing	\$ 1,306,525	\$ 118,894	\$ 9,843	\$ 21,400	\$ 944,754	\$ 847,260	26	2
20	11-SM002	1/25/2011	MiaSolé	Sunnyvale (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 26,092,000	\$ 2,374,372	\$ 881,599	\$ 3,246,664	\$ 1,363,913	\$ 2,236,206	56	3
21	11-SM003	1/25/2011	Alameda-Contra Costa Transit District	Emeryville (Alameda County)	Demonstration Hydrogen Fuel Production	\$ 5,387,950	\$ 490,303	\$ 362,320	\$ 16,040	\$ 274,173	\$ (200,090)	6	1
22	11-SM006	3/22/2011	Mt. Poso Cognereation Company, LLC	Bakersfield (Kern County)	Biomass Processing and Fuel Production	\$ 14,374,000	\$ 1,308,034	\$ 1,164,294	\$ 197,027	\$ 3,470,273	\$ 2,359,266	97	11

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23	11-SM005	6/28/2011	Recology East Bay	Oakland (Alameda County)	Biomass Processing and Fuel Production	\$ 3,703,090	\$ 336,981	\$ -	\$ 111,243	\$ 506,852	\$ 281,113	46	5
24	11-SM009	6/28/2011	DTE Stockton, LLC	Stockton (San Joaquin County)	Biomass Processing and Fuel Production	\$ 10,120,000	\$ 920,920	\$ -	\$ 2,221,793	\$ 4,297,636	\$ 5,598,509	62	7
25	11-SM010	7/26/2011	SCS Energy	Fresno (Fresno County)	Biogas Capture & Production	\$ 3,155,300	\$ 255,579	\$ 247,020	\$ 40,230	\$ 271,233	\$ 55,884	9	1
26	11-SM012	8/23/2011	CE Obsidian Energy, LLC	Imperial (Imperial County)	Geothermal Brine Extraction	\$ 174,453,978	\$ 14,130,772		\$ 7,487,143	\$ 11,697,269	\$ 5,053,640	381	39
27	11-SM014	8/23/2011	SoloPower Inc.	San Jose (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 8,411,240	\$ 681,310	\$ 120,507	\$ 419,024	\$ 575,484	\$ 313,197	40	1
28	11-SM015	8/23/2011	Amonix, Inc	County) & Milpitas (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 7,879,667	\$ 638,253		\$ 740,148	\$ 2,884,021	\$ 2,985,916	200	12
29	11-SM019	11/15/2011	Zero Waste Energy Development Company, LLC	San Jose (Santa Clara County)	Biogas Capture & Production	\$ 17,156,875	\$ 1,389,707		\$ 1,355,423	\$ 2,233,575	\$ 2,199,291	174	17
30	11-SM016	12/13/2011	Tesla Motors, Inc.	County); Hawthorne (Los Angeles County); Palo Alto (Santa Clara	Electric Vehicle Manufacturing	\$ 292,000,000	\$ 23,652,000	\$ 42,450	\$ 2,386,636	\$ 35,023,610	\$ 13,758,246	1,237	108
31	12-SM001	2/21/2012	Soraa, Inc.	Fremont (Alameda County)	Energy Efficient LED Lighting Manufacturing	\$ 57,002,457	\$ 4,617,199		\$ 30,775,968	\$ 2,368,664	\$ 28,527,434	180	14
32	12-SM003	3/20/2012	Stion Corporation	San Jose (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 6,417,810	\$ 519,843		\$ 277,896	\$ 253,546	\$ 11,600	28	3
SUBTOTAL:					\$ 1,001,122,860	\$ 85,437,406	\$ 14,098,008	\$ 68,209,391	\$ 110,999,191	\$ 93,771,178	5,382	496	
TOTAL OF ACTIVE APPLICATIONS APPROVED AND CONSIDERED					\$ 1,131,029,971	\$ 95,966,640	\$ 14,098,008	\$ 72,386,915	\$ 123,135,660	\$ 99,562,695	5914	550	

APPLICATIONS PREVIOUSLY APPROVED - INACTIVE

1	10-SM003	11/17/2010	ABEC Bidart Old River, LLC	Bakersfield, (Kern County)	Biogas Capture & Production	\$ 4,738,000	\$ 431,158	\$ -	\$ 3,080,806	\$ 438,844	\$ 3,088,491	50	6
2	10-SM005	11/17/2010	Gallo Cattle Company	Atwater (Merced Atwater)	Biogas Capture & Production	\$ 1,245,000	\$ 113,295	\$ -	\$ 791,959	\$ 130,374	\$ 809,038	30	3
3	10-SM006	11/17/2010	Solyndra LLC	Fremont (Alameda County)	Solar Photovoltaic Manufacturing	\$ 381,776,000	\$ 34,741,616	\$ 25,127,322	\$ 22,202,363	\$ 20,765,274	\$ 8,226,021	2,084	225
4	10-SM011	11/17/2010	Stion Corporation	San Jose (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 105,473,402	\$ 9,598,080	\$ -	\$ 3,512,324	\$ 6,207,404	\$ 121,648	493	47
5	10-SM014	11/17/2010	Calisolar Inc.	Sunnyvale (Santa Clara County)	Solar Photovoltaic Manufacturing	\$ 39,000,000	\$ 3,549,000	\$ -	\$ 1,971,609	\$ 1,975,797	\$ 398,407	273	13
6	10-SM016	12/15/2010	Quantum Fuel Systems Technologies Worldwide, Inc.	Irvine (Orange County)	Solar Photovoltaic Manufacturing	\$ 8,945,858	\$ 814,073	\$ -	\$ 508,282	\$ 5,895,571	\$ 5,589,780	94	11
7	10-SM018	12/15/2010	Green Vehicles, Inc.	Salinas (Monterey County)	Electric Vehicle Manufacturing	\$ 3,708,050	\$ 337,433	\$ -	\$ 65,608	\$ 3,018,494	\$ 2,746,669	126	14
8	10-SM019	12/15/2010	Soliant Energy, Inc.	Monrovia (Los Angeles County)	Solar Photovoltaic Manufacturing	\$ 9,966,500	\$ 906,952	\$ -	\$ 1,142,989	\$ 1,709,894	\$ 1,945,932	38	5
9	11-SM007	5/18/2011	Amonix, Inc.	Seal Beach (Orange County)	Solar Photovoltaic Manufacturing	\$ 2,278,900	\$ 207,380	\$ -	\$ 244,895	\$ 557,789	\$ 595,304	153	2
TOTAL OF INACTIVE APPROVED APPLICATIONS					\$ 557,131,710	\$ 50,698,987	\$ 25,127,322	\$ 33,520,835	\$ 40,699,441	\$ 23,521,290	3,341	326	

Total STE Used to Date (Active and Inactive Approved Applications): \$ 39,225,330

¹ Under the Program the value of a specific project's sales and use tax exclusion is calculated using the statewide sales and use tax average. The statewide average was estimated at 9.1% of the price of the eligible equipment for all projects approved through June 2011, and was decreased to 8.1% for projects approved after July 1, 2011.

²These benefits are estimates that are calculated under the Program's evaluation system at the time of Board approval. Applicants are required to provide annual reports to CAEATFA on actual project activity.