

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

| Application Number | Date of Board Consideration | Applicant Name | Location | Use of Proceeds | QP Amount | STE Amount (Anticipated) | STE Used to Date | Estimated Environmental Benefit ² | Estimated Fiscal Benefit ² | Estimated Net Benefit ² | Expected Total Jobs | Expected Total Jobs from SB 71 ² | |
|--------------------|-----------------------------|-------------------------|---------------------------------------|---|--|--------------------------|------------------|--|---------------------------------------|------------------------------------|---------------------|---|----|
| 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 | \$ 3,962,842 | \$ 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 | \$ 895,150 | \$ 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 | \$ 52,529 | \$ 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 | \$ 52,529 | \$ 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 | \$ 52,529 | \$ 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 | \$ 795,784 | \$ 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 | \$ 57,381 | \$ 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 Cogeneration 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 |
| 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 | \$ 332,204 | \$ 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 | \$ - | \$ 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 | \$ - | \$ 40,230,487,143 | \$ 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 | \$ 494,484 | \$ - | \$ 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 | \$ - | \$ 419,027,40,148 | \$ 2,884,021 | \$ 2,985,916 | 200 | 12 |

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|---|-----------------------------|----------------|--|--|---|---------------------------------------|-------------------------------|--|---------------------------------------|------------------------------------|---------------------|---|-----|
| 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 | \$ 43,092 | \$ 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 | | | \$ 30,775,968 | | \$ 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 | \$ 490,542 | \$ 2,368,664 | \$ 253,546 | \$ 11,600 | 28 | 3 |
| 33 | 12-SM006 | 5/15/2012 | John Galt Biogas Inc. | Galt (Sacramento County) | Biogas Capture & Production | \$ 57,002,457 | \$ 4,617,199 | \$ 277,896 | \$ 112,933 | \$ 158,777 | 19 | 2 | |
| 34 | 12-SM004 | 5/15/2012 | Soitec Solar Industries LLC | San Diego (San Diego County) | Concentrated Photovoltaic Manufacturing | \$ 104,381,342 | \$ 8,454,889 | \$ 3,706,841 | \$ 128,931 | \$ 10,302,813 | \$ 5,554,765 | 399 | 44 |
| 35 | 12-SM007 | 5/15/2012 | Reflexite Soitec Optical Technology LLC | San Diego (San Diego County) | Concentrated Photovoltaic Manufacturing | \$ 24,500,000 | \$ 1,984,500 | \$ 357,750 | \$ 1,704,725 | \$ 77,975 | 114 | 8 | |
| 36 | 12-SM008 | 6/19/2012 | North Star Biofuels LLC | Watsonville (Santa Cruz County) | Biodiesel Production | \$ 4,115,500 | \$ 333,767 | \$ 84,522 | \$ 2,616,810 | \$ 2,367,976 | 30 | 1 | |
| SUBTOTAL: | | | | | \$ 1,135,145,471 | \$ 96,300,407 | \$ 15,893,304 | \$ 72,471,437 | \$ 125,752,470 | \$ 101,930,671 | 5,944 | 551 | |
| TOTAL OF ACTIVE APPLICATIONS APPROVED AND CONSIDERED | | | | | \$ 1,135,145,471 | \$ 96,300,407 | \$ 15,893,304 | \$ 72,471,437 | \$ 125,752,470 | \$ 101,930,671 | 5944 | 551 | |

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): \$ 41,020,627

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.

² These 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.