

**STATE OF CALIFORNIA**  
California Energy Commission

Minutes of the May 12, 2010, Energy Commission Business Meeting.

The meeting was called to order at 10:07 by Chairman Karen Douglas. The Pledge of Allegiance was led by Chairman Douglas.

Present:

Karen Douglas, Chairman  
James D. Boyd, Vice Chair  
Jeffrey D. Byron, Commissioner

Robert W. Weisenmiller, Commissioner  
Anthony Eggert, Commissioner

1. **ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT AWARDS.**  
Possible approval of 61 Energy Efficiency and Conservation Block Grant (EECBG) Program grant agreements awarding \$8,248,822 in American Recovery and Reinvestment Act of 2009 funds. These awards provide grant funding to eligible small cities and counties in California to install eligible cost-effective energy efficiency retrofits within their jurisdictions. The EECBG program allows for the purchase and installation of specific energy efficiency measures. The following proposals are Direct Equipment Purchase projects. Contact: Deborah Godfrey. (10 minutes)
  - a. **TOWN OF YUCCA VALLEY.** Grant agreement CBG-09-029, awarding \$115,549 to retrofit the lighting system and controls and replace the HVAC system at the Town Hall.
  - b. **CITY OF MALIBU.** Grant agreement CBG-09-081, awarding \$72,639 for lighting retrofits and mechanical systems replacement at City Hall, Michael Landon center, Coldwell Banker building and two parks facilities. Incandescent traffic signals lamps will be replaced with LED modules.
  - c. **SUTTER COUNTY.** Grant agreement CBG-09-131, awarding \$141,606 to replace incandescent with LED streetlights, and retrofit interior lights with T-8 and ballasts.
  - d. **CITY OF MENIFEE.** Grant agreement CBG-09-132, awarding \$318,176 to replace high pressure sodium streetlights with LED or induction lighting, and replace low-time usage yellow ball and yellow arrow traffic signals with LEDs.
  - e. **CITY OF MARYSVILLE.** Grant agreement CBG-09-009, awarding \$69,804 to replace 145 streetlight heads with 20 LED bulbs in each, and retrofit 70 watt high pressure sodium vapor streetlights.
  - f. **CITY OF CORONADO.** Grant agreement CBG-09-016, awarding \$124,923 to upgrade exterior and interior lighting, replace window air conditioners with high-efficiency HVAC, vending machine controllers..
  - g. **IMPERIAL COUNTY.** Grant agreement CBG-09-140, awarding \$243,506 to replace 288 tons of very old HVAC and install programmable thermostats.

- h. CITY OF INDIAN WELLS. Grant agreement CBG-09-145, awarding \$29,130 to replace exterior landscape lighting with extremely low watt LED flood lamps.
- i. CITY OF RED BLUFF. Grant agreement CBG-09-203, awarding \$78,734 to replace high pressure sodium streetlights with LED.
- j. CITY OF LA CANADA FLINTRIDGE. Grant agreement CBG-09-202, awarding \$115,667 to replace HVAC equipment, upgrade interior lighting, and replace exterior high pressure sodium lights with LED lights.
- k. CITY OF BANNING. Grant agreement CBG-09-146, awarding \$165,461 to retrofit water well pumps with premium efficiency motors, replace HVAC systems, retrofit with LED exit signs, and retrofit interior lighting.
- l. CITY OF HOLTVILLE. Grant agreement CBG-09-187, awarding \$34,425 to replace HVAC systems and upgrade to programmable thermostats.
- m. CITY OF WESTMORLAND. Grant agreement CBG-09-188, awarding \$25,000 to replace 6 high pressure sodium cobra head streetlights with induction lamps, retrofit 3 exterior floodlights with LED lights, replace HVAC systems, upgrade to programmable thermostats, and retrofit interior lighting.
- n. CITY OF WHEATLAND. Grant agreement CBG-09-193, awarding \$25,000 to upgrade lighting systems to T8 lamps and electronic ballasts, install dual technology occupancy sensor lighting controls, and retrofit to LED exit signs and LED parking lot lighting.
- o. CITY OF LEMON GROVE. Grant agreement CBG-09-208, awarding \$132,374 to upgrade streetlights to LED lights, replace HVAC systems, upgrade to programmable thermostats, and retrofit interior lighting in two buildings.
- p. CITY OF NEVADA CITY. Grant agreement CBG-09-186, awarding \$25,000 to replace a 5 ton HVAC system, upgrade interior lighting in four buildings and install occupancy sensor controls.
- q. CITY OF EMERYVILLE. Grant agreement CBG-09-091, awarding \$52,097 to replace high pressure sodium streetlights with LED lights.
- r. CITY OF GUADALUPE. Grant agreement CBG-09-185, awarding \$35,777 to upgrade interior lights, install occupancy sensors, replace HVAC equipment, and install premium efficiency motors and variable speed drives.
- s. CITY OF NEEDLES. Grant agreement CBG-09-130, awarding \$30,048 to replace high pressure sodium and metal halide streetlights with LED lights.
- t. CITY OF ORINDA. Grant agreement CBG-09-172, awarding \$25,223 to replace high pressure sodium streetlights with LED lights.
- u. CITY OF LOS GATOS. Grant agreement CBG-09-184, awarding \$162,712 to replace one 55 ton HVAC unit with a 10.5 SEER model and replace 176 high pressure sodium, mercury vapor, and metal halide exterior lighting fixtures with induction fixtures.

- v. CITY OF OROVILLE. Grant agreement CBG-09-084, awarding \$82,126 to replace high pressure sodium streetlights with LED's.
- w. CITY OF SAN ANSELMO. Grant agreement CBG-09-122, awarding \$64,622 to replace high pressure sodium streetlights with LED's.
- x. CITY OF WESTLAKE VILLAGE. Grant agreement CBG-09-142, awarding \$47,351 to replace high pressure sodium streetlights with LED's.
- y. CITY OF CALIPATRIA. Grant agreement CBG-09-120, awarding \$48,693 to replace existing HVAC units with energy efficient SEER 13 and 19 HVAC units. T-12 lamps will be replaced with T-8 fluorescent lamps, and induction lighting will be used for exterior lighting.
- z. CITY OF SANTA FE SPRINGS. Grant agreement CBG-09-159, awarding \$95,064 to replace existing HVAC units with SEER 13.
- aa. GLENN COUNTY. Grant agreement CBG-09-163, awarding \$88,666 to replace 15 old HVAC units totaling 93 tons and manual thermostats with 15 new HVAC units and programmable thermostats at six county buildings.
- bb. CITY OF TEHACHAPI. Grant agreement CBG-09-200, awarding \$69,261 to replace an existing HVAC unit with SEER 13, upgrade interior lighting, replace existing street lighting with induction, and install lighting and occupancy control sensors in various buildings..
- cc. CITY OF CARPINTERIA. Grant agreement CBG-09-079, awarding \$74,117 to replace high pressure sodium streetlight and parking lights with LED. The City will also replace outdated fluorescents in the Public Works Building with energy efficient fluorescents.
- dd. CITY OF SARATOGA. Grant agreement CBG-09-138, awarding \$168,675 to replace existing high pressure sodium streetlights with LEDs.
- ee. CITY OF WINTERS. Grant agreement CBG-09-160, awarding \$38,830 to replace high pressure sodium streetlights with induction, upgrade outdoor lighting, and install indoor occupancy sensors. The city will also replace four HVAC units and upgrade florescent and incandescent exit signs to LED.
- ff. CITY OF JACKSON. Grant agreement CBG-09-168, awarding \$24,050 to replace high pressure sodium streetlights with LED.
- gg. CITY OF IRWINDALE. Grant agreement CBG-09-176, awarding \$25,000 to replace incandescent streetlights with LED.
- hh. CITY OF WILLIAMS. Grant agreement CBG-09-201, awarding \$28,330 to upgrade HVACs to more energy efficient systems, retrofit various watt high pressure sodium and metal halide exterior lighting to induction, upgrade interior lighting, and install a programmable thermostat.
- ii. CITY OF CLAYTON. Grant agreement CBG-09-070, awarding \$61,811 to replace 95 high pressure sodium streetlight fixtures with LED.

- jj. CITY OF ATASCADERO. Grant agreement CBG-09-124, awarding \$152,644 to replace 19 HVAC units totaling 112 tons, install 19 programmable thermostats, replace over 480 fluorescent lamps with 28 watt T8 fluorescent lamps, replace 46 miscellaneous exterior lighting fixtures with induction lighting fixtures, and replace 3 motors totaling 65 horsepower with NEMA Premium Efficiency motors.
- kk. TOWN OF HILLSBOROUGH. Grant agreement CBG-09-141, awarding \$58,463 to replace 7 motors totaling 560 horsepower with NEMA Premium Efficiency motors, upgrade interior lights and exit signs, install occupancy sensors, and replace high pressure sodium wall packs with induction.
- ll. CITY OF LOS ALTOS. Grant agreement CBG-09-174, awarding \$147,803 to replace high pressure sodium, mercury vapor, and metal halide streetlights and parking lot lights with LED.
- mm. CITY OF HALF MOON BAY. Grant agreement CBG-09-207, awarding \$67,141 to upgrade interior lighting, replace low pressure sodium, high pressure sodium, and metal halide exterior lighting fixtures with induction , replace fluorescent exit signs with LED , and install occupancy sensors.
- nn. CITY OF KING CITY. Grant agreement CBG-09-007, awarding \$63,544 to upgrade high pressure sodium streetlights with induction.
- oo. CITY OF PACIFIC GROVE. Grant agreement CBG-09-123, awarding \$80,911 to upgrade incandescent and high pressure sodium streetlights, parking lot lights, and path lights to induction; upgrade incandescent pedestrian and traffic signals to LED.
- pp. CITY OF PLACERVILLE. Grant agreement CBG-09-170, awarding \$55,226 to upgrade high pressure sodium and metal halide streetlights and parking lot lights with LED, and upgrade interior lights.
- qq. CITY OF GALT. Grant agreement CBG-09-143, awarding \$133,547 to retrofit to replace high pressure sodium streetlights with LED.
- rr. CITY OF AUBURN. Grant agreement CBG-09-157, awarding \$72,403 to retrofit HVAC, install programmable thermostat, retrofit high pressure sodium streetlights to LED, and retrofit waste water pump motors.
- ss. EL DORADO COUNTY. Grant agreement CBG-09-177, awarding \$812,423 to replace interior and exterior lights, install occupancy sensors and LED Exit signs, and upgrade HVAC motors.
- tt. CITY OF SOUTH LAKE TAHOE. Grant agreement CBG-09-180, awarding \$130,311 to replace interior and exterior lights and/or lighting fixtures and sensors.
- uu. CITY OF IONE. Grant agreement CBG-09-191, awarding \$43,787 to retrofit to energy efficient interior lighting with sensors, retrofit to high efficiency HVAC / heat pumps, retrofit exterior lighting and retrofit LED exit signs.
- vv. PLUMAS COUNTY. Grant agreement CBG-09-204, awarding \$108,509 to replace high pressure sodium lights with energy efficient induction lights, and

replace outdated fluorescent lighting with energy efficient fluorescent lights.

- ww. CITY OF PATTERSON. Grant agreement CBG-09-063, awarding \$111,563 to replace standard and high efficiency motors with premium efficiency motors, high pressure sodium streetlights with induction lights, and incandescent traffic signals with LED..
- xx. CITY OF SAN CARLOS. Grant agreement CBG-09-095, awarding \$147,059 to replace high pressure sodium streetlights with LED and upgrade interior lights.
- yy. CITY OF RIDGECREST. Grant agreement CBG-09-175, awarding \$146,071 to replace high pressure sodium streetlights and parking lot lights with induction.
- zz. SOLANO COUNTY. Grant agreement CBG-09-197, awarding \$112,319 to replace metal halide parking lights with LED.
- aaa. CITY OF MARINA. Grant agreement CBG-09-117, awarding \$99,160 to replace 119 high pressure sodium streetlights with LED equivalents on various streets throughout the city.
- bbb. CITY OF OAKLEY. Grant agreement CBG-09-031, awarding \$168,314 to replace 313 various watt High Pressure Sodium streetlights with various watt LED.
- ccc. CITY OF BENICIA. Grant agreement CBG-09-052, awarding \$146,340 to retrofit various watt high pressure sodium shoebox, acorn, and teardrop lighting fixtures with induction kits, and high pressure sodium cobra head streetlights with LED.
- ddd. CITY OF SAN FERNANDO. Grant agreement CBG-09-139, awarding \$132,667 to upgrade street and exterior walkway high pressure sodium lighting with induction.
- eee. NORTHERN RURAL TRAINING & EMPLOYMENT CONSORTIUM (a collaborative for the City of Weed, City of Portola, City of Alturas, County of Sierra, County of Lassen, and Town of Paradise). Grant agreement CBG-09-198, awarding \$307,508 for projects that include replacement of older motors with premium efficient motors, upgrading lighting systems, replacing incandescent exit signs with LED, converting regular thermostats to programmable units, converting streetlights from high pressure sodium to LED, and upgrading aging HVAC units.
- fff. CITY OF CORNING. Grant agreement CBG-09-118, awarding \$40,604 to upgrade aging HVAC units, and lighting systems to 28 watt T8 lamps and electronic ballast
- ggg. CITY OF BRAWLEY. Grant agreement CBG-09-061, awarding \$143,693 to replace six old and inefficient pumps at the City's Water Treatment Plant and Pumping Facilities.
- hhh. SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT (a collaborative for the cities of Chowchilla, Coalinga, Dos Palos, Exeter, Firebaugh, Fowler, Gustine, Kerman, Kingsburg, Lindsay, Maricopa, McFarland, Mendota,

- iii. MARIPOSA COUNTY. Grant agreement CBG-09-192, awarding \$102,062 to replace 16 old HVAC units and manual thermostats with new HVAC units and programmable thermostats, convert old T8 32 Watt lamps to T8 28 Watt lamps, install occupancy sensors and vending machine misers.

*Commissioner Eggert moved and Vice Chair Boyd seconded approval of the 61 Block Grant awards. The vote was unanimous. (5-0)*

- 2. ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT AWARDS. Possible approval of 52 Energy Efficiency and Conservation Block Grant (EECBG) Program grant agreements awarding \$10,730,596 in American Recovery and Reinvestment Act of 2009 (ARRA) funds. These awards provide grant funding eligible small cities and counties within California to install eligible cost-effective energy efficiency retrofits within their jurisdictions. The EECBG program allows for the purchase and installation of specific energy efficiency measures. The following Energy Efficiency Projects are proposed for the following jurisdictions. Contact: Deborah Godfrey. (10 minutes)
  - a. CITY OF LAGUNA BEACH. Grant agreement CBG-09-057, awarding \$131,079 for lighting and mechanical retrofits at City Hall, Long Park Community Center, Corporation Yard, two parking garages, and one fire station.
  - b. CITY OF LAWNSDALE. Grant agreement CBG-09-147, awarding \$175,818 for lighting retrofits and mechanical improvements at City Hall, Public Works building, Lawndale Community Center and Rogers Middle School.
  - c. CITY OF ROLLING HILLS ESTATES. Grant agreement CBG-09-151, awarding \$43,580 to implement interior and exterior lighting retrofits and mechanical upgrades at City Hall.
  - d. CITY OF SEAL BEACH. Grant agreement CBG-09-154, awarding \$131,827 for lighting retrofits and mechanical upgrades at Police Department, Public Works, City Hall, Marina Community Center and two city owned libraries.
  - e. CITY OF EL SEGUNDO. Grant agreement CBG-09-155, awarding \$90,961 for lighting retrofits and mechanical upgrades at City Hall, Police Department, El Segundo Library and Fire Station.
  - f. CITY OF HAWAIIAN GARDENS. Grant agreement CBG-09-179, awarding \$85,105 for lighting retrofits and computer controls at City Hall, Community Center and Public Works.
  - g. CITY OF BEVERLY HILLS. Grant agreement CBG-09-206, awarding \$192,706 for lighting retrofits, mechanical upgrades, and installation of variable frequency drives at City Hall, Police Department, Public Works building and La Cienega Community Center.

- h. CITY OF SUSANVILLE. Grant agreement CBG-09-144, awarding \$99,685 to replace electric water heaters with natural gas water heaters in approximately 60 homes.
- i. CITY OF RANCHO MIRAGE. Grant agreement CBG-09-182, awarding \$95,335 to upgrade lighting, clean the coils of the air conditioners, and install energy saving controls on vending machines.
- j. YUBA COUNTY. Grant agreement CBG-09-190, awarding \$328,909 to install variable frequency drives for two new, highest-efficiency cooling tower fan motors for HVAC and lighting upgrades, including occupancy sensors.
- k. CITY OF CARMEL-BY-THE-SEA. Grant agreement CBG-09-121, awarding \$16,900 to upgrade interior and exterior lighting and replace HVAC equipment.
- l. CITY OF SUISUN. Grant agreement CBG-09-128, awarding \$150,250 to upgrade interior and exterior lighting, install occupancy sensors, install computer workstation power management software, replace HVAC equipment and install energy management system controls.
- m. DEL NORTE COUNTY. Grant agreement CBG-09-153, awarding \$122,157 to replace heating and ventilating equipment and controls, and replace domestic hot water heaters.
- n. MENDOCINO COUNTY. Grant agreement CBG-09-164, awarding \$341,200 to upgrade lighting fixtures, replace HVAC equipment and upgrade energy management system controls.
- o. CITY OF MAMMOTH LAKES. Grant agreement CBG-09-119, awarding \$41,646 to replace old, inefficient boiler with high-efficiency condensing boilers.
- p. CITY OF SEBASTOPOL. Grant agreement CBG-09-161, awarding \$41,237 to replace high pressure sodium and metal halide streetlights with LED, and upgrade interior lights.
- q. CITY OF SOLANO BEACH. Grant agreement CBG-09-173, awarding \$70,365 to replace existing SEER 7 and 10 HVAC units with SEER 15.
- r. CITY OF DUARTE. Grant agreement CBG-09-056, awarding \$122,117 to upgrade interior lighting systems and install occupancy sensor controls.
- s. COUNTY OF MARIN. Grant agreement CBG-09-126, awarding \$376,953 to upgrade HVAC equipment at the Civic Center and upgrade parking lot lights and streetlights with LED.
- t. VENTURA COUNTY (a collaborative for the County of Ventura and the Cities of Fillmore, Ojai, Port Hueneme, and Santa Paula). Grant agreement CBG-09-134, awarding \$932,807 to upgrade interior lighting systems, outdoor lighting and HVAC equipment.
- u. CITY OF PALOS VERDES ESTATES. Grant agreement CBG-09-150, awarding \$28,283 to install ultraviolet emitters on existing HVAC equipment and replace HVAC equipment for the City Police Department and Council Chambers.
- v. CITY OF SIERRA MADRE. Grant agreement CBG-09-171, awarding \$60,569 to upgrade interior lighting systems, and install occupancy sensors and photocell controls.

- w. COUNTY OF HUMBOLDT (includes the Counties of Humboldt and Trinity; and the Cities of Arcata, Blue Lake, Crescent, Etna, Eureka, Ferndale, Fortuna, Point Arena, Rio Dell, and Trinidad.) Grant agreement CBG-09-199, awarding \$972,825 to upgrade interior lighting systems, parking lot lights, and streetlights, and replace existing motors with high efficiency motors.
- x. CITY OF LOMITA. Grant agreement CBG-09-205, awarding \$112,821 to upgrade HVAC at City Hall with a variable air volume system, install ultraviolet emitters on existing HVAC equipment, upgrade interior lighting systems and exterior lighting at several locations.
- y. CITY OF PLEASANT HILL. Grant agreement CBG-09-125, awarding \$180,934 to replace several water source heat pump units and controls, install programmable thermostats and DDC upgrade for City Hall, install variable speed drive for cooling tower and the fountain pump, and upgrade outside air intake and actuator controls for server room.
- z. CITY OF CLEARLAKE. Grant agreement CBG-09-169, awarding \$86,139 to convert incandescent traffic signal lights to LED, convert interior T12 and old T8 to new T8 28 watt lamps and replace old tar and gravel roof with new cool roof material with insulation, and replace parking lot lights with induction.
- aa. BUTTE COUNTY. Grant agreement CBG-09-172, awarding \$478,245 for a county-wide interior lighting retrofit and some exterior lighting retrofit, including conversion from T8 32 watt to T8 28 watt in all buildings, and metal halide conversion to T8. The exterior lighting project includes converting streetlights and parking lot lights to induction and LED.
- bb. SHASTA COUNTY. Grant agreement CBG-09-194, awarding \$408,664 to replace aging, inefficient variable speed drives at two pump stations.
- cc. CITY OF ARROYO GRANDE. Grant agreement CBG-09-178, awarding \$92,236 to install building energy management system controls, computer automatic shut down controls, vending machine misers, and interior lighting retrofits.
- dd. TUOLUMNE COUNTY. Grant agreement CBG-09-106, awarding \$292,287 to retrofit a total of 1,965 fixtures throughout County facilities, and install programmable thermostats to replace old manual thermostats.
- ee. CITY OF HERMOSA BEACH. Grant agreement CBG-09-149, awarding \$108,136 to retrofit lighting for City streetlights, Community Center and Parking Structure with sensors and fixtures with induction.
- ff. LAKE COUNTY. Grant agreement CBG-09-156, awarding \$258,925 to retrofit HVAC and install thermostats, retrofit to high efficiency interior lights, and install sensors.
- gg. CITY OF YOUNTVILLE. Grant agreement CBG-09-195, awarding \$25,000 to retrofit to LED streetlights, upgrade lighting with motion sensors, install LED exit signs, HVAC retrofit, and building insulation.
- hh. CITY OF ST. HELENA. Grant agreement CBG-09-196, awarding \$31,627 to retrofit lighting and motion sensors.

- ii. CITY OF ADELANTO. Grant agreement CBG-09-189, awarding \$157,297 to upgrade interior and exterior lighting systems, install occupancy sensors, and install LED exit signs at City Hall, the Senior Center, Fire Department and Police Department.
- jj. CITY OF SOUTH EL MONTE. Grant agreement CBG-09-167, awarding \$118,700 to replace older HVACs, install vending controls and occupancy sensors, upgrade interior and exterior lighting, and retrofit parking lot lights to pulse start metal halide with bi-level dimming.
- kk. INYO COUNTY. Grant agreement CBG-09-015, awarding \$79,941 to replace old lighting, installing wall sensors, and upgrading HVAC control system for the Courthouse Annex Building.
- ll. CITY OF BUELLTON. Grant agreement CBG-09-086, awarding \$25,000 to install an automatic dissolved oxygen control system in the aeration basin of the City's wastewater treatment facility.
- mm. CITY OF LIVINGSTON. Grant agreement CBG-09-093, awarding \$77,464 to replace five old and standard efficiency motors at the water wells with premium efficiency motors.
- nn. CITY OF ANDERSON. Grant agreement CBG-09-166, awarding \$60,746 to upgrade existing lighting, install controls, and change streetlights from high pressure sodium to LEDs.
- oo. CITY OF BARSTOW. Grant agreement CBG-09-137, awarding \$140,166 to upgrade lighting and motion sensors.
- pp. CITY OF COMMERCE. Grant agreement CBG-09-165, awarding \$74,956 to upgrade lighting at four city buildings
- qq. CITY OF EL CERRITO. Grant agreement CBG-09-085, awarding \$123,066 to replace metal halide lighting fixtures along the Ohlone Greenway with lower wattage LEDs, and retrofit 14 of the 20 City-owned buildings with upgraded lighting and occupancy sensors.
- rr. CITY OF SOLVANG. Grant agreement CBG-09-133, awarding \$27,894 to install an automatic oxygen control system to control the blowers at wastewater treatment facility.
- ss. SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT (a collaborative for Kings, Madera and Tulare counties and the cities of Arvin, Atwater, Avenal, Corcoran, Hughson, Huron, Riverbank and Wasco). Grant agreement CBG-09-135, awarding \$2,282,811 to replace high pressure sodium and metal halide streetlights and parking lights with LED/induction, upgrade interior lights and install occupancy sensor controls, replace exit signs with LED, retrofit motors with premium efficient motors, install variable frequency drives on pump/blower/fan motors, upgrade HVACs and retrofit with programmable thermostats, install dual pane windows and cool roofs, install tankless/energy efficient water heaters, install misers on vending machines, install Network PC Plug Load Power Management Software, and upgrade boilers and economizers.
- tt. CITY OF TWENTYNINE PALMS. Grant agreement CBG-09-152, awarding \$171,551 to replace aging HVAC units at the City Hall, Finance Building and Recreation Complex, convert kitchen stove standing pilot lights to spark igniters, and retrofit lighting systems

at multiple city owned facilities.

- uu. CITY OF CALABASAS. Grant agreement CBG-09-162, awarding \$85,972 for interior and exterior lighting upgrades, replacement of outdoor high pressure sodium and metal halide lights with compact fluorescent fixtures, and installation of occupancy sensor controls.
- vv. AMADOR COUNTY. Grant agreement CBG-09-158, awarding \$122,922 to upgrade aging HVAC units, install programmable thermostats, and upgrade lighting systems to 28 watt T8 lamps and electronic ballasts.
- ww. CITY OF DESERT HOT SPRINGS. Grant agreement CBG-09-054, awarding \$138,200 to upgrade aging HVAC units, replace incandescent traffic signals with LED, and upgrade lighting systems to 28 watt T8 lamps and electronic ballasts.
- xx. ALPINE COUNTY. Grant agreement CBG-09-181, awarding \$50,000 to upgrade interior lighting and install occupancy sensor controls.
- yy. CITY OF SOUTH PASADENA. Grant agreement CBG-09-183, awarding \$136,878 to replace incandescent traffic signals with LED, replace a boiler system with an instantaneous hot water heating system and heat pump, install cool roof composition at City Hall, and replace the constant air distribution with a variable air system.
- zz. CITY OF BLYTHE. Grant agreement CBG-09-110, awarding \$129,704 to upgrade lighting and install Dual Technology Occupancy Sensors and LED exit signs.

*Commissioner Eggert moved and Commissioner Byron seconded approval of the 52 Block Grant awards. The vote was unanimous. (5-0)*

3. ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT AWARDS.  
Possible approval of an Energy Efficiency and Conservation Block Grant (EECBG) Program grant agreement awarding \$772,635 in American Recovery and Reinvestment Act of 2009 (ARRA) funds. These awards provide grant funding to eligible small cities and counties within California to assist in the establishment of a Municipal Financing Program within their jurisdictions. The following Municipal Financing Program project is proposed for the following jurisdiction. Contact: Deborah Godfrey. (10 minutes)
  - a. SANTA BARBARA COUNTY. Grant agreement CBG-09-148, awarding \$772,635 to implement a municipal financing program, the Central Coast Energy Independence Program, to assist property owners with energy efficiency improvements.

*Commissioner Eggert moved and Vice Chair Boyd seconded approval of the Block Grant award to Santa Barbara County. The vote was unanimous. (5-0)*

4. ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT AWARDS.  
Possible approval of an Energy Efficiency and Conservation Block Grant (EECBG) Program grant agreement awarding \$784,396 in American Recovery and Reinvestment Act of 2009 (ARRA) funds. These awards provide grant funding to eligible small cities and counties within California to install eligible cost-effective energy efficiency retrofits and assist in the establishment of a Municipal Financing Program within their jurisdictions. The following Direct Equipment Purchase and Municipal Financing

*Commissioner Eggert moved and Commissioner Weisenmiller seconded approval of the Block Grant award to Alameda County.*

- a. ALAMEDA COUNTY. Grant agreement CBG-09-129, awarding \$784,396. The County will use \$484,396 to set up a Municipal Financing Program with CaliforniaFIRST. The remaining \$300,000 will be spent to convert 588 high pressure sodium and metal halide fixtures to induction fixtures using the Direct Equipment Purchase option

5. **Minutes:** Approval of the March 24, 2010, Business Meeting Minutes.

*Vice Chair Boyd moved and Commissioner Byron seconded approval of the Minutes. The vote was 3-0-2. Commissioners Weisenmiller and Eggert abstained.*

6. **Commission Committee Presentations and Discussion:** None.

7. **Chief Counsel's Report:** Chief Counsel Michael Levy gave the report.

8. **Executive Director's Report:** Executive Director Melissa Jones and Chief Deputy Director Claudia Chandler gave the report.

9. **Public Adviser's Report:** None.

10. **Public Comment:**  
Mr. Russell Garcia, Johnson Controls

11. **Internal Organization and Policy.** No discussion.

Appearances:  
Mr. Damien Gussen, Alameda County

There being no further business, the meeting was adjourned.

Respectfully submitted,

HARRIET KALLEMEYN  
Secretary to the Commisison