

BOARD MEETING DATE: December 5, 2014

AGENDA NO. 35

REPORT: Mobile Source Air Pollution Reduction Review Committee

SYNOPSIS: Below is a summary of key issues addressed at the MSRC's meeting on November 20, 2014. The next meeting is scheduled for Thursday, January 15, 2015, at 2:00 p.m., in Conference Room CC8.

RECOMMENDED ACTION:
Receive and file.

Michael D. Antonovich
SCAQMD Representative on MSRC

MM:HH:AP

Meeting Minutes Approved

The MSRC unanimously approved the minutes from its September 18 and October 16, 2014 meetings. Those approved minutes are attached for your information (*Attachments 1 and 2, respectively*).

Adoption of 2015 Meeting Schedule

The MSRC adopted its 2015 meeting schedule (*Attachment 3*). The MSRC will continue to meet on the third Thursday of every month at 2:00 p.m. Its Technical Advisory Committee will continue to meet on the first Thursday of every month at 1:30 p.m., except for the months of January and December which have been moved to the second Thursday because of holiday conflicts. Both meetings are usually conducted in Room CC8.

Alternative Fuel School Bus Incentives Program

As part of the FYs 2012-14 Work Program, the MSRC allocated \$2.0 million for the implementation of an Alternative Fuel School Bus Incentives Program. The MSRC previously deemed BusWest qualified for Program participation and authorized them to offer buy-down incentives to qualifying school districts or private providers of pupil transportation. The MSRC approved an initial award to BusWest in January 2014, and in subsequent actions the MSRC approved contract value increases to incentivize additional buses ordered. In November, the MSRC approved a new request from BusWest for an additional \$31,000 to incentivize a full-sized CNG school bus ordered by Banning

Unified School District as part of the FYs 2012-14 AB 2766 Discretionary Fund Work Program. This award will be considered by the SCAQMD Board at its December 5, 2014 meeting.

Alternative Fuel Infrastructure Program

As part of the FYs 2012-14 Work Program, the MSRC allocated \$7.5 million for the implementation of new and expanded CNG and LNG refueling stations and modification of maintenance facilities to accommodate gaseous-fueled vehicles. A Program Announcement, #PA2014-05, was developed and released on September 6, 2013, with an open application period commencing October 8, 2013 and closing September 26, 2014. The MSRC previously considered fifteen applications and awarded a total of \$1,903,000 for those projects; one award for \$175,000 was subsequently declined. Fifteen additional applications were received by the deadline. Evaluations have been completed for twelve of these applications; evaluations are still underway for the remaining three applications and they will be considered by the MSRC in the near future. The MSRC approved twelve contract awards totaling \$2,049,954 as part of the FYs 2012-14 AB 2766 Discretionary Fund Work Program.

These awards will be considered by the SCAQMD Board at its December 5, 2014 meeting.

Major Event Center Transportation Program

As part of the FYs 2012-14 Work Program, the MSRC allocated \$4.0 million for event center transportation programs and released a Program Announcement to solicit projects for traffic-impacted centers. In September 2013 and September 2014 the MSRC subsequently allocated an additional \$27,450 and \$54,087, respectively, to the Program, bringing the total Program allocation to \$4,081,537. To date, \$3,630,740 has already been awarded. The Program Announcement closed as of September 30, 2014. Two additional applications were received prior to the deadline. The MSRC considered and unanimously approved an award of \$239,645 to Orange County Transportation Authority (OCTA) to implement special Metrolink service for the 2015 Angels season. The service would be provided in support of 48 Angels home games with two dedicated trains powered by Tier-2 rated engines or better that would run along Metrolink's Orange County Line corridor from Oceanside in the south and Los Angeles Union Station in the north to the terminus at Anaheim Station. In addition, limited service would be provided on Metrolink's Inland Empire-Orange County line from Riverside Downtown to Orange, followed by a transfer at Orange to Anaheim, for 13 Friday games. OCTA would contribute at least \$241,400 in co-funding.

Also in response to the Major Event Center Transportation Program Announcement, the MSRC considered and unanimously approved an award of \$83,960 to Southern California Regional Rail Authority (SCRRA) to implement special Metrolink service for the 2015 NASCAR Sprint Cup Series event to be held in March 2015. The service would provide, free of charge to end users, dedicated Metrolink service on the final day of the event, using locomotives powered by Tier 2-rated engines or better, on three rail lines: 1)

from Oceanside; 2) from Oxnard; and 3) from Lancaster. The majority of stops would be located in SCAQMD's jurisdiction. The Auto Club Speedway and SCRRA would collectively contribute no less than \$260,000 in co-funding towards service implementation, advertising and marketing purchases.

These awards will be considered by the SCAQMD Board at its December 5, 2014 meeting.

FYs 2014-16 Enhanced Fleet Modernization Program

The Enhanced Fleet Modernization Program (EFMP) is a vehicle retirement and replacement program authorized by the California Alternative and Renewable Fuel, Vehicle Technology, Clean Air, and Carbon Reduction Act of 2007 (AB 118). The program focuses on providing greater incentives to eligible low- and middle-income owners of older vehicles to scrap their existing vehicle and receive a voucher either to help acquire a newer vehicle or cover the cost for transit passes or participation in car-sharing programs. The first year of the EFMP is a pilot demonstration program to determine effective ways to encourage low- and moderate-income consumers to participate in the program. As such, the SCAQMD issued an RFP to solicit proposals in July 2014. Six proposals were received at the close of the RFP submittal period. The proposals were evaluated and scored by a three member review panel that included the MSRC Technical Advisor. Five of the proposals met the minimum technical score for further consideration. Given the diverse and unique approaches for outreach and marketing, the proposal review panel recommended that consideration be given to fund the five technically qualified proposals. One of the applicants was not interested in splitting the available funding. Therefore, four of the qualified proposals are being recommended for funding.

As the SCAQMD Board will be considering the implementation of the EFMP in a separate item at its December 5, 2014 meeting, SCAQMD staff initiated discussions with MSRC staff regarding potential partnership. Given the flexibility of the use of the voucher for a replacement vehicle, transit passes, or car-sharing program, the EFMP is consistent with the MSRC's goals and objectives to reduce motor vehicle emissions. SCAQMD staff would be responsible for program administration. The MSRC considered this partnership opportunity and approved an allocation totaling \$800,000 towards the EFMP as the first element of the FYs 2014-16 AB 2766 Discretionary Fund Work Program. \$200,000 is to be awarded to one of the four recommended proposals, with the remaining \$600,000 to support vehicle replacement, transit and car-sharing vouchers.

At its December 5, 2014, the SCAQMD Board will consider partnering with the MSRC on implementing the AB118 Enhanced Fleet Modernization Program (EFMP) and the allocation of \$800,000 towards the EFMP, as the first element of the FYs 2014-16 AB 2766 Discretionary Fund Work Program.

FYs 2014-16 Work Program

On September 18, 2014, the MSRC conducted its annual offsite retreat with its Technical Advisory Committee to brainstorm its upcoming FY 2014-16 AB 2766 Discretionary Fund Work Program, for which approximately \$45 million is available for projects. Discussions continued at the October 16 and November 20 MSRC meetings to determine parameters and priorities stemming from the MSRC-hosted mini-workshops and input from the CEC, CARB, and SCAQMD. MSRC staff will work with the MSRC's Technical Advisory Committee to establish and convene subcommittees to begin crafting elements of the Work Program and will return to the MSRC at its January 15, 2015 meeting with their recommendations.

Received and Approved Final Reports

The MSRC received and unanimously approved two final report summaries this month as follows:

1. Southern California Regional Rail Authority, Contract #MS14047, which provided \$49,203 to Implement Special Metrolink Service to Auto Club Speedway; and
2. Nationwide Environmental Services, Contract #MS10006, which provided \$94,887 for the purchase of 3 sweepers equipped with advanced natural gas engines.

Contract Modification Requests

The MSRC considered three contract modification requests and took the following unanimous actions:

1. For Griffith Company, Contract #MS11092, which provides \$390,521 for a "Showcase II" off-road vehicle retrofit demonstration program, approval of an 18-month contract term extension;
2. For City of San Fernando, Contract #ML14062 (proposed), which provides \$500,000 to install a new CNG station, approval to substitute the expansion of their existing CNG station for the installation of a new station, with an associated \$112,909 award value reduction;
3. For Ware Disposal Co., Inc., Contract #MS12034, which provides \$133,070 for the purchase of 8 medium-heavy-duty vehicles; approval of a 24-month contract term extension; and
4. For Mineral LLC, Contract #MS11001, which provides \$111,827 to design, host and maintain the MSRC website; approval to issue a task order up to \$3,750 to upgrade the MSRC's website to enhance the functionality of the service with the creation of a new mailing list for meeting changes.

Contracts Administrator's Report

The MSRC's AB 2766 Contracts Administrator provides a written status report on all open contracts from FY 2004-05 through the present. The Contracts Administrator's Report for November 2014 is attached (*Attachment4*) for your information.

Attachments

Attachment 1 – Approved September 18, 2014 Meeting Minutes

Attachment 2 – Approved October 16, 2014 Meeting Minutes

Attachment 3 – Adopted 2015 Meeting Schedule

Attachment 4 - November 2014 Contracts Administrator's Report



**SPECIAL JOINT RETREAT MEETING BETWEEN THE
MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
AND ITS TECHNICAL ADVISORY COMMITTEE
THURSDAY, SEPTEMBER 18, 2014 MEETING MINUTES
21865 Copley Drive, Diamond, Bar, CA 91765- Conference Room CC-8**

MEMBERS PRESENT:

(Chair) Greg Pettis, representing RCTC
(Vice Chair) Larry McCallon, representing SANBAG
April McKay (Alt.), representing LA County MTA
Steve Veres, representing LA County MTA
Greg Winterbottom, representing OCTA
Earl Withycombe, representing CARB

MSRC MEMBERS ABSENT:

Michael Antonovich, representing SCAQMD
Ron Roberts, representing SCAG

MSRC-TAC MEMBERS PRESENT:

(MSRC-TAC Chair) Gretchen Hardison, representing City of Los Angeles DWP
(Vice-Chair) Tanya Love, representing RCTC
Stacy Alameida, rep. Los Angeles County Metropolitan Transportation Authority
Paula Carvajal, representing Regional Rideshare Agency
Eliza Echevarria (Alt.), representing RCTC
Linda Johnson (Alt.), representing Cities of Orange County
Rongsheng Luo (Alt.), representing SCAG
Kelly Lynn, representing San Bernardino Associated Governments
Jonathan Nadler, representing SCAG
Dean Saito, representing SCAQMD
Andy Silva, representing San Bernardino County Board of Supervisors
Rick Teebay (Alt.), representing Los Angeles County Board of Supervisors
Eddie Washington, representing Los Angeles County Board of Supervisors
Sue Zuhlke, representing Orange County Transportation Authority

OTHERS PRESENT:

Ruben Aronin, Better World Group
Lauren Dunlap, Southern California Gas
Sam Emmersen, Better World Group
Wendy James, Better World Group
Beth Junis, LADWP

Wilford Melton, CalTrans
John O'Dell, Edmunds.com
Tim Olson, California Energy Commission
Ric Teano, OCTA
Levi Tillemann-Dick, New America
Craig Tranby, LADWP

SCAQMD STAFF & CONTRACTORS

Ray Gorski, MSRC Technical Advisor-Contractor
Drue Hargis, Acting Senior Public Information Specialist
John Kampa, Financial Analyst
Matt MacKenzie, MSRC Contracts Assistant
Ana Ponce, MSRC Administrative Liaison
Cynthia Ravenstein, MSRC Contracts Administrator
Veera Tyagi, Sr. Deputy District Counsel
Rachel Valenzuela, MSRC Contracts Assistant

CALL TO ORDER

- Call to Order
MSRC Vice-Chair Larry McCallon called the meeting to order at 11:37 a.m., as a Committee of the Whole, due to lack of a quorum. MSRC Vice Chair McCallon asked for a roll call to record the members present: MSRC Vice Chair Larry McCallon; MSRC Member Greg Winterbottom; and MSRC Alternate April McKay were present at the commencement of the meeting.
- Opening Comments
There were no opening comments.

PUBLIC COMMENT PERIOD

Public comments were allowed during the discussion of each agenda item. No comments were made on non-agenda items.

CONSENT CALENDAR (Items 1 through 5)

Receive and Approve Items

Agenda Item #1 – Minutes of the June 19 and August 21, 2014 MSRC Meetings

The minutes of the June 19, 2014 MSRC meeting were included in the agenda package. However, the minutes of the August 21, 2014 meeting were not yet available.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, UNDER APPROVAL OF CONSENT
CALENDAR ITEMS 1 THROUGH 5, THE MSRC UNANIMOUSLY
APPROVED THE JUNE 19, 2014 MEETING MINUTES.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.
NOES: NONE.

ACTION: Staff will place the minutes on the MSRC's website.

Agenda Item #2 – Summary of Final Reports by MSRC Contractors

One final report summary was included in the agenda package for U-Haul Company of California, Contract #MS12026, which provided \$500,000 for the purchase of 23 medium-heavy duty on-road vehicles.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, UNDER APPROVAL OF CONSENT
CALENDAR ITEMS 1 THROUGH 5, THE MSRC UNANIMOUSLY
APPROVED THE FINAL REPORTS ABOVE.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.
NOES: NONE.

ACTION: MSRC staff will file the final report and release any retention on the contract.

Receive and File Items

Agenda Item #3 – MSRC Contracts Administrator's Report

The MSRC AB 2766 Contracts Administrator's Report for July 31 through August 27, 2014 was included in the agenda package.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, UNDER APPROVAL OF CONSENT
CALENDAR ITEMS 1 THROUGH 5, THE MSRC UNANIMOUSLY
APPROVED TO RECEIVE AND FILE THE CONTRACTS
ADMINISTRATOR'S REPORT FOR JULY 31 THROUGH
AUGUST 27, 2014.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.
NOES: NONE.

ACTION: SCAQMD staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the October 3, 2014 SCAQMD Board meeting.

Agenda Item #4 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for the period ending August 31, 2014 was included in the agenda package.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, UNDER APPROVAL OF CONSENT
CALENDAR ITEMS 1 THROUGH 5, THE MSRC UNANIMOUSLY
APPROVED TO RECEIVE AND FILE THE FINANCIAL REPORT
FOR THE PERIOD ENDING AUGUST 31, 2014.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.

NOES: NONE.

ACTION: No further action is required.

For Approval – As Recommended

Agenda Item #5 – Consider Vehicle Substitutions and 26-Month Term Extension by City of Riverside, Contract #ML11036 (\$670,000 – Purchase 9 Heavy-Duty Natural Gas Vehicles and Install CNG Station)

Due to the changing needs of their client departments, the City of Riverside requests to substitute a dump truck for a refuse truck, and a roll off truck for a patch truck. The City also requests a 26-month term extension due to the different departments which would be involved and a change to the CNG station layout. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, UNDER APPROVAL OF CONSENT
CALENDAR ITEMS 1 THROUGH 5, THE MSRC UNANIMOUSLY
APPROVED SUBSTITUTION OF A DUMP TRUCK FOR A REFUSE
TRUCK, AND A ROLL OFF TRUCK FOR A PATCH TRUCK; AS
WELL AS A 26-MONTH TERM EXTENSION.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR (Items 6 through 8)

Agenda Item #6 – Consider Contract Value Increase and 3-Month Term Extension by BusWest, Contract #MS14048 (\$444,850 – Incentives for Alternative Fuel School Buses)

Cynthia Ravenstein, MSRC Contracts Administrator, reported that this request comes from BusWest. They are one of two school bus vendors that the MSRC has deemed qualified to offer incentives under the MSRC's Alternative Fuel School Bus Program. They have a contract already, but all the funds in that contract have either been paid out or already have purchase orders against them. They have received purchase orders from three different fleets: Hemet Unified School District; Hacienda La Puente Unified School District; as well as Tumbleweed Transportation. At a \$31,000 per bus funding level, BusWest is requesting a contract value increase of \$434,000. They are also requesting a three-month contract term extension to ensure that the buses are delivered within the

contract term. The MSRC-TAC reviewed the request and recommends approval. There is sufficient funding available out of what the MSRC had previously allocated for this program.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, THE MSRC UNANIMOUSLY
APPROVED A \$434,000 CONTRACT VALUE INCREASE TO
BUSWEST TO PROVIDE INCENTIVES FOR THE PURCHASE OF 14
MORE ALTERNATIVE FUEL SCHOOL BUSES; AND A 3-MONTH
CONTRACT TERM EXTENSION TO ENSURE DELIVERY WITHIN
THE CONTRACT TERM.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.

NOES: NONE.

ACTION: Staff will include this item for consideration by the SCAQMD Board at its October 3, 2014 meeting.

**Agenda Item #7 – Consider Contract Value Increase and 3-Month Term Extension
by A-Z Bus Sales, Contract #MS14009 (\$250,000 – Incentives for Alternative Fuel
School Buses)**

Cynthia Ravenstein, MSRC Contracts Administrator, reported that this request comes from A-Z Bus Sales. This request is similar to the previous item. A-Z Bus Sales is the other qualified vendor under this program. They have received a purchase order from Orange Unified School District for three full size CNG school buses. They are requesting a contract value increase of \$93,000 and a 3-month contract term extension. The MSRC-TAC reviewed the request and recommends approval.

ON MOTION BY MSRC ALTERNATE APRIL MCKAY, AND
SECONDED BY MEMBER GREG WINTERBOTTOM, AS A
COMMITTEE OF THE WHOLE, THE MSRC UNANIMOUSLY
APPROVED A \$93,000 CONTRACT VALUE INCREASE TO A-Z BUS
SALESTO PROVIDE INCENTIVES FOR THE PURCHASE OF THREE
MORE ALTERNATIVE FUEL SCHOOL BUSES; AND A 3-MONTH
CONTRACT TERM EXTENSION.

AYES: WINTERBOTTOM, MCKAY, MCCALLON.

NOES: NONE.

ACTION: Staff will include this item for consideration by the SCAQMD Board at its October 3, 2014 meeting.

FY2012-14 WORK PROGRAM

**Agenda Item #8 – Consider Funding for Application Received under the Alternative
Fuel Infrastructure Program**

Cynthia Ravenstein, MSRC Contracts Administrator, presented this item on behalf of A.J. Marquez, Chair/Infrastructure Subcommittee, who could not be present at today's

meeting. The MSRC allocated a total of \$7,500,000 to the Alternative Fuel Infrastructure program. There have already been a number of awards under this program. A new application was received from Midway Sanitary District. They are seeking to install a limited-access CNG station and to upgrade their existing vehicle maintenance facility to accommodate the maintenance of gaseous-fueled vehicles. They are requesting \$175,000 for the station, because they are a public entity, and \$75,000 for the facility modifications; so a total request of \$250,000. The Infrastructure Subcommittee and the MSRC-TAC reviewed the proposal and they recommend approval of the \$250,000 award. There are still substantial funds available under this program. It is closing on September 26. Several other prospective applicants have contacted Ms. Ravenstein, working on applications and asking questions. She expects that there will be a few more of these applications coming in, although they may not be in time for the October MSRC meeting.

MSRC Member Greg Winterbottom asked if this Program has a county minimum. Ms. Ravenstein indicated that the Orange County minimum would be met with this particular award.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC ALTERNATE APRIL MCKAY, AS A
COMMITTEE OF THE WHOLE, THE MSRC UNANIMOUSLY
APPROVED AN AWARD OF \$250,000 TO MIDWAY CITY
SANITARY DISTRICT TO INSTALL A LIMITED-ACCESS CNG
STATION AND TO UPGRADE THEIR EXISTING VEHICLE
MAINTENANCE FACILITY TO ACCOMMODATE THE
MAINTENANCE OF GASEOUS-FUELED VEHICLES.
AYES: WINTERBOTTOM, MCKAY, MCCALLON.
NOES: NONE.

ACTION: Staff will include this item for consideration by the SCAQMD Board at its October 3, 2014 meeting.

JOINT RETREAT AGENDA ITEMS (Participation of MSRC and MSRC-TAC Members)

[MSRC Chair Greg Pettis and MSRC Member Steve Veres arrived at the meeting at approximately 12 o'clock noon, and a quorum was now present.]

MSRC Vice Chair Larry McCallon turned the meeting over to MSRC Chair Greg Pettis. Chair Pettis stated that it was his understanding that the MSRC, as a Committee of the Whole, approved items 1-8, with the exception of the minutes of the August 21, 2014, meeting.

ADDING THEIR AYE VOTES TO THOSE PREVIOUSLY
RECORDED, MSRC MEMBER STEVE VERES AND MSRC CHAIR
GREG PETTIS RATIFIED THE ACTIONS TAKEN BY THE
COMMITTEE OF THE WHOLE, APPROVING AGENDA
ITEMS 1 THROUGH 8, WITH THE EXCEPTION OF THE MINUTES
OF THE AUGUST 21, 2014 MEETING.

Agenda Item #9 – Introduction and Goals of the Retreat

MSRC-TAC Chair Gretchen Hardison provided introductory comments to open the retreat. This work program, the 2014-16 cycle, will count a quarter century of mobile source air quality improvements funded through the MSRC. Today's retreat is the first step in the process of developing the next cycle of programs. The goal today is to facilitate discussion between the MSRC and the MSRC-TAC. This time around there is a significant amount of funding available, \$44 million over the next two years, which is the largest balance in MSRC history.

MSRC-TAC Chair Hardison briefly outlined the list of speakers and the retreat agenda.

[MSRC Member Earl Withycombe arrived at the meeting at approximately 12:25 p.m. A quorum was already present.]

Agenda Item #10 – Luncheon Keynote

A luncheon keynote was presented by John O'Dell, Senior Editor of Edmunds.com®, an award-winning journalist covering the automotive industry for the past 20 years, who discussed the broad passenger vehicle outlook from the perspective of Edmunds.com® analysts and economists. He also touched on facts from the National Research Council's 2013 study "Transitions to Alternative Vehicles and Fuels" which for the first time forecasts alternative vehicle and fuel technology through 2050. He was a contributor to the study compiling the chapter on consumer behavior.

Agenda Item #11 – CARB Update and Priorities

MSRC Member Earl Withycombe, of the California Air Resources Board, provided an update on CARB's activities and priorities in relation to the MSRC's goals and mission.

Some of ideas and suggestions for FY 2014-16 Targeted Fleets are:

On-Road Fleets – Heavy Duty Trucks

- Disadvantaged community zero-emission pilot projects for infrastructure construction and fleet retrofit or replacement
- Very small fleet compliance assistance, including a zero-interest loan program
- Hybrid and zero-emission truck voucher enhancements
- Zero emission drayage truck pilot project for truck replacement funding and infrastructure funding
- Multi-fleet (HDT-LDV) hydrogen station demonstration project
- ARB optional NOx standard (0.1, 0.05, 0.02 g/bhp-hr) truck fleet scale-up project
- Flatbed and tanker trailer aerodynamic improvement demonstration project

On-Road Fleets – Medium Duty Trucks

- Aerodynamic improvement demonstration project
- Hybrid and ZEV delivery truck scale-up projects

On-Road Fleets – Buses

- Disadvantaged community zero-emission pilot projects for infrastructure construction and fleet retrofit or replacement
- Hybrid and zero-emission bus voucher enhancements
- Fuel cell bus fleet pilot project
- Transit bus yard fast charging infrastructure support
- Transit bus stop induction coil charging demonstration project
- Transit bus replaceable battery pack demonstration project

On-Road Fleets – Light Duty Vehicles

- Workplace EV charging infrastructure
- Multi-unit residential complex EV charging infrastructure
- Fuel cell vehicle/hydrogen station public outreach
- Hydrogen station certification testing support
- In-state renewable hydrogen (dairy, WWTP) station demonstration project
- “Tune In Tune Up” outreach and emission control system repair coupons

Agenda Item #12 – CEC Update and Priorities

Tim Olson, of the California Energy Commission, provided an update on the CEC’s activities and priorities in relation to the MSRC’s goals and mission. Some of the topics Mr. Olson covered are as follows:

The California Energy Commission Transportation Energy Activities include:

- Integrated Energy Policy Report (IEPR)
 - Transportation Energy Demand Forecast and Supply Scenarios
 - Alternative Fuels Benefits Report
 - AB 1257 Natural Gas Opportunities Report
 - Recommended Policy Actions
- AB 118/AB 8 (ARFVT)
 - Annual Investment Plan to Allocate \$100 Million – Advisory Committee Input
 - Outreach Workshops
 - Competitive Solicitations

Conclusions/Challenges

- California Crude Oil Sources Shifting to Mid-Continent Supply and Crude by Rail Transport
- Gasoline Consumption is Declining/Diesel is Increasing
- Government Policies Push Shift to Low Carbon Intensity Gasoline and Diesel Substitutes (Ethanol, Biodiesel, Renewable Diesel, Biomethane)
- Natural Gas Enjoys \$1.00-\$1.50/gallon (DGE) Price Advantage Over Diesel for 7-10 Years
- Three-Fold Increase in Alternative Fuels by 2020 – Plausible Achievement of 2020 State Policy Goals

- Need Better Configuration of Incentives to Stimulate Private Investment
- Federal Incentives and Policies in Flux

Agenda Item #13 – SCAQMD Update and Priorities

MSRC-TAC Member Dean Saito provided an update on the SCAQMD's 2016 AQMP activities and priorities in relation to the MSRC's goals and mission.

The 2016 Air Quality Management Plan Development

- New Planning Process to Demonstrate Attainment of New Federal Air Quality Standards
 - 8-Hr Ozone (2032)
 - Annual PM2.5 (2020-2025)
- Plan Adoption – Spring 2016

2016 AQMP Approach

- Technology Transformation Needed in All Emission Sectors
- Enhance Integrated Planning (Air Quality, Climate, Energy, Transportation)
- Engagement of All Stakeholders in Policy Discussions
- Develop White Papers to Layout Technical and Policy Issues

2016 AQMP White Papers

- “Preface to White Papers”
- Passenger Transportation
- Goods Movement System and Air Quality
- Energy Outlook
- VOC Controls
- PM Controls
- Energy Outlook
- Residential and Commercial Energy Use
- Off-Road Equipment
- Industrial Facility Modernization
- A Business Case for Clean Air

White Paper Process

- Close collaboration with CARB, CEC
- Close collaboration with SCAG, CTCs, and subregional COGs on transportation/land use issues
- Periodic updates to SCAQMD Mobile Source Committee and AQMP Advisory Group
- AQMP White Paper Subgroups
 - AQMP Advisory Group members
 - Other interested parties
 - Technology experts
 - Open to the public
- Schedule: Late 2014 - Early 2015

MSRC Work Program Elements

- Assist Region's Efforts to Attain Air Quality Standards
- Early Deployment of Alternative Fuel Engine Technologies and Zero-Emission Technologies
(Including Enhancements to the Refueling Station Network)
- Incentivize Early Introduction of New Technologies
- Increase Public Awareness of the Environmental Benefits of New Transportation Technologies

[MSRC Alternate April McKay left the meeting at approximately 2:45 p.m.]

Agenda Item #14 – Guest Speaker

The guest speaker was Levi Tillemann whose book “The Great Race: The Global Quest for the Car of the Future” will be released by Simon & Schuster in January 2015. Dr. Tillemann, currently a Senior Fellow at the New America Foundation, was previously an advisor to the US Department of Energy's Office of Energy Policy and Systems Analysis (EPSA) where he chaired the department's Autonomous and Connected-vehicles Energy (ACE) Working Group. He provided some interesting historical facts and a unique perspective of the automotive race amongst the three largest auto manufacturing countries in the world (U.S., China and Japan).

[MSRC Member Steve Veres left the meeting at approximately 3:05 p.m.]

Agenda Item #15 – Cleaner Combustion Engines and Zero-Emission Technologies for the Goods Movement Sector

MSRC-TAC Member Dean Saito, of the SCAQMD, discussed technologies and sponsored projects to accelerate deployment of cleaner combustion engines and zero emission vehicles for the goods movement sector.

Mr. Saito talked about the AQMD's research and development work on zero emission Class 8 trucks to reduce the impact. With 43 percent of all the goods coming into the U.S. coming in through Los Angeles and Long Beach, a major contributor to our inventory is from Class 8 tractor trailers hauling containers from the ports of L.A. and Long Beach.

Early Commercialization of Cleaner Engines:

- Provide Products Needed to Help Meet Air Quality Goals in the Near-Term
- Develop End-User Confidence in Product Performance
- Enable the Transition to Longer-Term Advanced Control Technologies

**Advanced Cleaner On-Road Heavy-Duty Truck Technologies
Going Beyond Current Technologies**

- Battery Electric
- Fuel Cell/Hybrid
- Natural Gas/Hybrid

- Extended Range Catenary/Wayside
- Alternative Fuels/Going Beyond 2010 On-Road Emission Standards

Optional NOx Exhaust Emission Standards

- Provide Early Emission Targets for Development of Advanced Engine Control Technologies
- Early, Limited Deployment of Engines
 - Evaluate Engine Performance
 - Provide End-User Experience with New Technology
- Enable Funding Incentives for Cleaner Engines

Demonstration Projects

- CEC, SCAQMD, and So Cal Gas Sponsorship
 - Commercialization of 0.02 g/bhp-hr NOx Natural Gas Heavy-Duty Engine
- California Air Resource Board Sponsorship
 - Demonstrate 0.02 g/bhp-hr NOx Diesel and Natural Gas Heavy-Duty Engine Technologies

Advanced Cleaner Freight and Passenger Locomotive Technologies Technologies to Meet Tier 4

- NOx
 - Exhaust Gas Recirculation
 - Selective Catalytic Reduction
- PM
 - Diesel Oxidation Catalyst
 - Particulate Filters
- Alternative Fuels

Technologies to Go Beyond Tier 4

- Electric
 - Overhead Catenaries
 - Battery/Hybrid
- LNG
 - Potential to go Beyond Tier 4
- Zero-Emission Concepts
 - Linear Drive Systems
 - Battery Tender Concepts
 - Fuel Cell

Agenda Item #16 – Setting the State for FY 2014-2016 Work Program Development

Ruben Aronin, of The Better World Group, presented results and analysis of the six regional “Mini Workshops” held in support of the FYs 2014-16 MSRC Work Program development process.

Over 145 people from 93 organizations participated in the workshops, and some also provided written feedback afterwards. The Better World Group provided documentation to the MSRC of all of the public comments that were received, as well as an executive summary/synopsis.

The Better World Group's report conclusion indicated that there is continued interest in funding for traditional MSRC projects such as infrastructure and medium- and heavy-duty vehicles, as well as transportation demand management (TDM) projects such as traffic control monitoring systems, and bike programs. New projects were also proposed such as buy down programs for alternative fuel light-duty vehicles; expanded education and outreach programs; and TDM projects, such as roundabouts.

Workshop participants offered suggestions to increase the impact of MSRC funding, such as: Reduce or eliminate matching fund requirements; work through partnerships (both applicants and the MSRC); increase funding amounts; clarify the use of AB 2766 funds in the solicitation language; and eliminate program minimums.

Cynthia Ravenstein, MSRC Contracts Administrator, indicated that copies of The Better World Group's more-detailed report, and all of today's retreat presentations, will be disseminated to the MSRC and MSRC TAC members. Anyone else wishing to receive these materials may contact Ms. Ravenstein for copies.

Agenda Item #17 – MSRC Discussion

Due to the lateness of the hour, this portion of the Retreat was deferred for discussion at the MSRC's October 16, 2014 meeting, at which time a summary of the retreat presentations will be given and the MSRC will discuss and explore ideas, concepts, and options as they relate to the potential project categories under the FYs 2014-16 MSRC Work Program. The MSRC may consider elements of its FYs 2014-16 AB 2766 Discretionary Fund Work Program, direct staff to begin outlining conceptual ideas and/or solicitation documents, and/or direct staff to convene subcommittees to develop elements of its FYs 2014-16 AB 2766 Discretionary Fund Work Program.

MSRC-TAC Members are invited to attend the next MSRC meeting.

Agenda Item #18 – Action Items/Next Steps

This item was tabled until the next MSRC meeting on October 16, 2014.

ADJOURNMENT

Ray Gorski, Technical Advisor to the MSRC, thanked SCAG for the use of the conference room, assistance with the audiovisual equipment, and refreshments.

MSRC Chair Greg Pettis thanked MSRC-TAC Chair Gretchen Hardison, the guest speakers, and staff for an excellent retreat.

THERE BEING NO FURTHER BUSINESS, THE MSRC MEETING
ADJOURNED AT 4:22 P.M.

NEXT MEETING:

Thursday, October 16, 2014, 2:00 p.m., Conference Room CC8

[Prepared by Ana Ponce]



**MOBILE SOURCE AIR POLLUTION REDUCTION REVIEW COMMITTEE
THURSDAY, OCTOBER 16, 2014 MEETING MINUTES**

21865 Copley Drive, Diamond, Bar, CA 91765- Conference Room CC-8

MEMBERS PRESENT:

(Chair) Greg Pettis, rep. RCTC (via v/c)
Michael Antonovich, representing SCAQMD (via v/c)
Ben Benoit (Alt.), representing SCAQMD
April McKay (Alt.), representing LA County MTA (via v/c)
Greg Winterbottom, representing OCTA
Earl Withycombe, representing CARB

MSRC MEMBERS ABSENT:

(Vice Chair) Steve Veres, rep. LA County MTA
Larry McCallon, representing SANBAG
Ron Roberts, representing SCAG

MSRC-TAC MEMBERS PRESENT:

(MSRC-TAC Chair) Gretchen Hardison, rep. City of Los Angeles (via v/c)
(Vice-Chair) Tanya Love, representing RCTC
Rongsheng Luo (Alt.), representing SCAG
Dean Saito, representing SCAQMD
Rick Teebay (Alt.), Los Angeles County Board of Supervisors

OTHERS PRESENT:

Lauren Dunlap, Southern California Gas
Earl Elrod, SCAQMD Board Asst (Yates)
Debra Mendelsohn, SCAQMD Board Asst (Antonovich)
Ric Teano, OCTA

SCAQMD STAFF & CONTRACTORS

Ray Gorski, MSRC Technical Advisor-Contractor
Henry Hogo, Asst. DEO/Science & Technology Advancement
John Kampa, Financial Analyst
Matt MacKenzie, MSRC Contracts Assistant
Ana Ponce, MSRC Administrative Liaison
Cynthia Ravenstein, MSRC Contracts Administrator
Veera Tyagi, Senior Deputy District Counsel
Rachel Valenzuela, MSRC Contracts Assistant
Paul Wright, Audio-Visual Specialist

CALL TO ORDER

- Call to Order

MSRC Chair Greg Pettis called the meeting to order at 2:10 p.m., as a Committee of the Whole, due to lack of a quorum.

[At this point during the meeting, Agenda Item #10 was taken out of order.]

- Opening Comments:
MSRC Chair Greg Pettis welcomed a Governing Member of the SCAQMD Board, Ben Benoit. Mr. Benoit represents the Cities of Riverside County.

[With the arrival of MSRC Member Michael Antonovich, a quorum was achieved.]

PUBLIC COMMENT PERIOD

Public comments were allowed during the discussion of each agenda item. No comments were made on non-agenda items.

CONSENT CALENDAR (Items 1 through 7)**Receive and Approve Items****Agenda Item #1 – Minutes of the August 21 and September 18, 2014 MSRC Meetings**

The MSRC meeting minutes of August 21, 2014, were provided under separate cover and made available at the meeting. The minutes of the September 18, 2014 MSRC meeting were not ready for distribution.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE
MSRC VOTED UNANIMOUSLY TO APPROVE THE AUGUST 21,
2014 MEETING MINUTES.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.

NOES: NONE.

ACTION: Staff will place the minutes on the MSRC's website.

Agenda Item #2 – Summary of Final Reports by MSRC Contractors

Two final report summaries were included in the agenda package, as follows: 1.) Linde LLC, Contract #MS10004, which provided \$56,932 for the purchase of 3 trucks equipped with advanced natural gas engines; and 2) Ryder Truck Rental, Inc., Contract #MS10017, which provided \$651,377 for the purchase of 19 trucks equipped with advanced natural gas engines.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE
MSRC VOTED UNANIMOUSLY TO APPROVE THE FINAL
REPORTS ABOVE.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.

NOES: NONE.

ACTION: MSRC staff will file the final reports and release any retention on the contracts.

Receive and File Items**Agenda Item #3 – MSRC Contracts Administrator's Report**

The MSRC AB 2766 Contracts Administrator's Report for August 28 through September 24, 2014, was included in the agenda package.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE
MSRC VOTED UNANIMOUSLY TO RECEIVE AND FILE THE
CONTRACTS ADMINISTRATOR'S REPORT FOR AUGUST 28
THROUGH SEPTEMBER 24, 2014.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.

NOES: NONE.

ACTION: SCAQMD staff will include the MSRC Contracts Administrator's Report in the MSRC Committee Report for the November 7, 2014 SCAQMD Board meeting.

Agenda Item #4 – Financial Report on AB 2766 Discretionary Fund

A financial report on the AB 2766 Discretionary Fund for the period ending September 30, 2014 was included in the agenda package.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE MSRC VOTED UNANIMOUSLY TO RECEIVE AND FILE THE FINANCIAL REPORT FOR THE PERIOD ENDING SEPTEMBER 30, 2014.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE, MCKAY, PETTIS.

NOES: NONE.

ACTION: No further action is required.

For Approval - As Recommended

Agenda Item #5 – Consider 18-Month Term Extension by City of Santa Ana, Contract #ML11041 (\$265,000 – Purchase of 7 Heavy-Duty LPG Vehicles and Retrofit 6 Heavy-Duty Diesel Vehicles)

The City requests an 18-month extension due to longer-than-anticipated purchasing processes and the time needed for the LPG trucks to be specialized. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE MSRC VOTED UNANIMOUSLY TO APPROVE AN 18-MONTH CONTRACT TERM EXTENSION TO THE CITY OF SANTA ANA, CONTRACT #ML11041, AS PART OF THE FY 2010-11 LOCAL GOVERNMENT MATCH PROGRAM.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE, MCKAY, PETTIS.

NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #6 – Consider 12-Month Term Extension by City of Newport Beach, Contract #ML11045 (\$30,000 – Purchase of One Heavy-Duty Natural Gas Vehicle)

The City requests a 12-month extension due to longer-than-anticipated time for the vendor to finalize pricing and specifications. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE MSRC VOTED UNANIMOUSLY TO APPROVE A 12-MONTH CONTRACT TERM EXTENSION FOR THE CITY OF NEWPORT BEACH, CONTRACT #ML11045, AS PART OF THE FY 2010-11 LOCAL GOVERNMENT MATCH PROGRAM.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

Agenda Item #7 – Consider 18-Month Term Extension by California Cartage Company, Contract #MS11091 (\$55,000 – “Showcase II” Off-Road Vehicle Retrofit Demonstration Program)

California Cartage Company requests an 18-month extension due to personnel changes at the device manufacturer, Nett Technologies. The MSRC-TAC unanimously recommends approval.

ON MOTION BY MSRC MEMBER EARL WITHYCOMBE, AND
SECONDED BY MSRC MEMBER GREG WINTERBOTTOM, UNDER
APPROVAL OF CONSENT CALENDAR ITEMS 1 THROUGH 7, THE
MSRC VOTED UNANIMOUSLY TO APPROVE AN 18-MONTH
CONTRACT TERM EXTENSION FOR CALIFORNIA CARTAGE
COMPANY, CONTRACT #MS11091, AS PART OF THE FY 2010-11
OFF-ROAD DIESEL CONSTRUCTION EQUIPMENT RETROFIT
“SHOWCASE II” PROGRAM.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.
NOES: NONE.

ACTION: MSRC Staff will amend the above contract accordingly.

ACTION CALENDAR (Items 8 and 10)

FYs 2012-14 Work Program

Agenda Item #8 – Contract Value Increase by the Better World Group, Contract #MS11056 (\$196,836 – Programmatic Outreach)

Cynthia Ravenstein, MSRC Contracts Administrator, reported that the MSRC has selected The Better World Group as their Programmatic Outreach Coordinator. They have actually been the MSRC’s Programmatic Outreach Coordinator for several years, the latest selection being in 2011. They have been doing a lot of assistance to the MSRC’s project partners, helping them publicize their projects and helping get the word out about MSRC funding opportunities. Recently they have also been taking on some other tasks like helping to line up speakers for the Retreat and liaising with some of the key stakeholders. However, as a result of their efforts, the contract balance has been somewhat depleted. There is enough money in the contract to pay them for everything they have done, but there might be a shortfall before the end of the contract in December 2015. The MSRC-TAC Administrative Subcommittee considered this and rather than have a potential situation where the MSRC wants The Better World Group to do something and there is a delay to get additional funding approved, the MSRC-TAC Administrative Subcommittee and the MSRC-TAC are recommending a \$10,000 increase in The Better World Group’s contract. If that is not all spent, then it will revert back.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC MEMBER EARL WITHYCOMBE, THE
MSRC VOTED UNANIMOUSLY TO APPROVE A \$10,000
CONTRACT VALUE INCREASE TO THE BETTER WORLD GROUP,
CONTRACT #MS11056.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.

NOES: NONE.

ACTION: Staff will include this item for consideration by the SCAQMD Board at its November 7, 2014 meeting.

Agenda Item #9 – Consider Contract Value Increase by BusWest, Contract #MS14048 (\$444,850 with pending increase to \$878,850 – Incentives for Alternative Fuel School Buses)

Cynthia Ravenstein, MSRC Contracts Administrator, reported that BusWest is one of two school bus vendors that the MSRC has deemed qualified to provide incentives under their Alternative Fuel School Bus Program. All of the funding in their contract has either been expended or already has purchase orders against it. They received an additional purchase order from Certified Transportation of Orange County for one full-size CNG school bus. The incentive amount for that bus would be \$31,000. BusWest has requested a contract value increase in that amount. The MSRC-TAC recommends approval. There is sufficient funding available out of what the MSRC had previously allocated for the Program.

ON MOTION BY MSRC MEMBER GREG WINTERBOTTOM, AND
SECONDED BY MSRC MEMBER EARL WITHYCOMBE, THE
MSRC VOTED UNANIMOUSLY TO APPROVE A \$31,000
CONTRACT VALUE INCREASE TO BUSWEST CONTRACT
#MS14048 TO FULFILL AN ORDER FROM CERTIFIED
TRANSPORTATION OF ORANGE COUNTY, AS PART OF THE
FYS 2012-14 WORK PROGRAM.

AYES: ANTONOVICH, WINTERBOTTOM, WITHYCOMBE,
MCKAY, PETTIS.

NOES: NONE.

ACTION: Staff will include this item for consideration by the SCAQMD Board at its November 7, 2014 meeting.

FYs 2014-16 Work Program

Agenda Item #10 – MSRC Discussion/Action Items/Next Steps

[This item was taken out of order, before the Consent Calendar.]

Ray Gorski, MSRC Technical Advisor, indicated that today is a continuation of the work efforts that began one month ago at the Retreat. Time ran out at the end of the day to have

the most important elements, the deliberations and discussions amongst the members of the MSRC as to what the priorities are for investing the available funds over a two-year Work Program. Currently the MSRC has for the FYs 2014-16 Work Program somewhere on the order of \$45 million. He gave a summary of the materials presented at the Retreat; his impressions of what he heard from stakeholders; and will turn it over to MSRC for discussion, regarding where to set priorities for the next two years.

He started off by presenting the materials from the California Energy Commission (CEC). Mr. Tim Olson had provided the CEC's perspective on where they are putting their money, what they believe their priorities are, and where the MSRC can potentially dovetail their Work Program with the CEC's priorities. The emphasis of the CEC is non-petroleum and low carbon fuel vehicles and infrastructure: biofuels; traditional alternative fuels, such as natural gas and propane; and then the emerging technologies, zero-emission vehicles, which include the electric, hybrid electric vehicles, and hydrogen.

The CEC's largest planned investments are definitely in the area of zero-emission vehicles, both EV charging as well as hydrogen infrastructure, and the vehicles that utilize those two fuels. In the area of medium-heavy-duty vehicles, the CEC is leaning towards vehicles which can be characterized as either zero emission or near-zero emission. "Near-zero" is something which is approximately an order of magnitude cleaner than today's EPA emission standards for heavy duty vehicles. (Henry Hogo added that the SCAQMD staff came out with a working definition for near-zero to be .02 grams/bhp-hr or cleaner for NOx emissions.)

The takeaways from the CEC presentation are lower investments in natural gas vehicles and infrastructure. It doesn't mean that they are not important from a fuel diversity perspective or an air quality perspective; it is just simply that a market place has developed for natural gas which no longer requires large investments of public moneys. There is a substantial price differential between the cost of diesel and natural gas and entities now realize that they can actually have lower operations costs if they make the alternative fuel choice. For the last few years, the MSRC has had that same point of view, in that they have reduced the amount of funding which they offer, for example, to install refueling infrastructure because the market place is driving that. There are financially sound companies which make their livelihood off of natural gas today and they are more than happy to partner in a business relationship with fleets to enable them to use alternative fuels such as natural gas.

The CEC is quite supportive of hydrogen as a zero-emission fuel. It is very expensive to produce, however, but most importantly, there is not a large market for hydrogen fuel because there are no commercialized hydrogen vehicles currently available. One thing that the CEC said during their presentation is that the automakers who will introduce hydrogen vehicles over the next couple of years have a vested interest to ensure that the infrastructure is in place, therefore, they are going to enable their own business case. This may be a case where it is better to see what comes and then determine whether or not there is a need for additional infrastructure.

Finally, the CEC representative had said he believes there are many pots of money available from the ARB, CEC, SCAQMD, and the MSRC and it is in everyone's best interest to coordinate and collaborate where it makes sense, especially on the coordination side, because with all those pots of money funding potentially so many similar things, it is better to make sure that vehicles that need to be funded, infrastructure that needs to be funded, are receiving funding; and other vehicles and infrastructure aren't overfunded.

Mr. Gorski reported that MSRC Member Earl Withycombe gave ARB's presentation at the Retreat. The ARB is prioritizing investments in advanced technology vehicles. This is especially relevant to the goods movement sector. They have made a commitment to bring to commercialized status vehicles which will perform goods movement and other heavy duty operations in a near-zero to zero emissions mode. There is a focus not only on the vehicles themselves, but on the supporting infrastructure. The emphasis strongly is towards those vehicles which can perform their mission in a zero-emissions mode, or very very close to a zero-emissions mode. The ARB is also very aware, though, that there is a legacy fleet currently operating that needs to be repaired or replaced. Therefore, they are also going to prioritize the replacement of vehicles which are approaching the end of the useful life, but are not quite there yet, to turn that fleet over earlier so as to get those emissions off the road.

ARB has announced in their air quality investment program that they have approximately \$75 million which will be available over the next year to help implement some of these demonstration pilot programs for the zero and near-zero emission goods movement vehicles. They have also allocated \$9 million to do some light-vehicle pilot programs. The bottom line is: Their priorities have money that is associated with them. The question is: What will be the role of the MSRC in supporting the ARB to determine how the MSRC money, if they deem appropriate, should dovetail with theirs to either increase or work specific areas such that there is no duplication of effort, but that it is coordinated.

What Mr. Gorski took away from the ARB presentation was that given that the MSRC is seeing a shift towards the advanced technology to zero emissions, it really reflects that the low-hanging fruit is gone and that to get the next increment of air quality improvement, the MSRC is going to have to make some quantum leaps, and that is taking them from where they are today with the majority of vehicles using internal combustion engines, to those which use electric and hydrogen fuel cells. It is not going to be easy or inexpensive. While \$75 million may seem like a lot of money, on a state-wide basis, it is not a lot of money when talking about incremental costs, which are high for these zero-emission technologies. There are also substantial funds available through other programs that the ARB has, but what's the opportunity for MSRC collaboration?

As for the SCAQMD's presentation, it is unquestionable that their priorities are the reduction of NOx and also particulate matter for the toxic air contaminant component. The reason is simple: It is that the SCAQMD has facing them, in the relatively short-term, mandates to achieve dramatic reductions in ozone, those that will come to fruition in 2023 and then again in 2032. The message that the SCAQMD provided at the Retreat was substantially the same as it was two years ago, and that is that all non-federal sources must move towards zero emissions. That's everything from the light-duty through the

heavy-duty, rail, and to the extent that they can, other off-road sources. It is the only way that they will achieve the mandated air quality objectives. The reason is, the federal sources, those that are regulated by the federal government, eat up the entire NO_x and ozone inventory. So, everything else has to go to zero just to break even on what the current capacity of the SCAQMD region is regarding ozone. Therefore, the key focus of the SCAQMD is going to be on the early deployment of advanced technology vehicles and infrastructure.

With regard to the mini-workshops, six were conducted over a period of a few weeks. The primary attendees were local government agencies, cities, counties, other public agencies. It was not surprising to hear that the local governments are looking at air quality improvement strategies which would help them fulfill their mission and that is first of all meet their air quality mandates from the regulatory agencies and also improve the quality of life for their residents.

The so-called wish list, in weighted order of what was heard from the stakeholders at the six workshops, is that there is a demand for light-duty vehicles, alternative fuel as well as electric; they want EV infrastructure; and they also want what has been traditionally funded by the MSRC, CNG vehicles and infrastructure. The primary motivation is that this helps them with their compliance under the SCAQMD fleet rules.

At the mini-workshops, we also heard a lot about congestion mitigation, signal coordination, other traffic-related infrastructure, everything from roundabouts to smarter traffic signals. Finally, bicycle infrastructure was one of the key areas mentioned by multiple stakeholders. Other requests included the continuation of the Event Center Transportation Program; transit passes for college students; Freeway Service Patrols, which the MSRC has discussed in regard to the SR91 corridor reconstruction program; street sweeping in the Coachella Valley; programs for tire inflation; and other “project specific” funding requests.

That is pretty much what was heard at the Retreat from those that made the presentations and what was heard at the mini-workshops. Mr. Gorski then presented some MSRC Options and Priorities to begin the dialogue.

He suggested that if the MSRC started with “stay the course,” there would be a Local Government Match Program. The reason that this is a “stay the course” is because, for all intents and purposes, this program is institutionalized. The MSRC has been doing it for over 15 years and cities and counties expect it. What staff can do, should the MSRC want to continue this, is go in and refresh the program to make sure it is current and meeting today’s needs. The Event Center Transportation Program is another one of those programs that has become institutionalized. It has been offered for four years and people who go to the venues who utilize these services, expect them. It has been very widely publicized and successful. With regard to infrastructure, the MSRC, irrespective of the investments from the other regulatory agencies, is still locally really the only game in town for infrastructure. That has been primarily for gaseous fuels, natural gas, and propane.

What was heard from the presenters, and what was heard from the stakeholders at the workshops, is that they believe that the MSRC could expand their stay the course to include a couple of other key elements. The first one we are hearing, quite loudly, is to expand infrastructure to include EV charging. This could include everything from multi-unit residential, workplace charging. Hydrogen is not being suggested at this point, the MSRC may want to entertain that in the second year of the Work Program, but right now we are not hearing any immediate demand.

Another thing the MSRC could consider doing, based on what was heard, is to include a broad-based transportation control measure category. This would be one that could encompass some of the programs which are TCMs, but not all geographic regions of the SCAQMD are created equal, meaning that the needs in each region differ throughout the region. • Signal Coordination we know is important on a broad-based level so it has advocacy on a regional basis. • FSP may or may not have regional advocacy, but we certainly have heard that at least in some parts of the region there is need for Freeway Service Patrol funding. • Transit passes. We have heard that there are entities which believe that transit passes could transition current single occupant vehicle drivers to public transit and increase their ridership.

So under this scenario, we stay the course with those categories which are institutionalized, updating as appropriate. We have a category which would be broad-based, County Transportation Commission (CTC) centric, but flexible enough to allow the CTCs to bring forth those types of TCMs which are needed within their region, and it may not be the same script for everybody. And then, we open the dialogue with the regulatory agencies to determine how the MSRC could help implement their vision. As we heard from the CEC, the ARB, and the SCAQMD, their vision is the more rapid introduction of pre-commercial advanced technology zero- and near-zero emission vehicles and infrastructure. Again, it is not clearly defined today what the MSRC's role should be or could be, but we heard it is a top priority from the three regulatory agencies that the MSRC is involved with. And then finally the MSRC could, if it chooses to, have a funding set aside to entertain those unique ideas which we heard at the workshops that were hosted; a lot of programs that are very unique; a specific program potentially to be deployed in a specific area. There might be some good programs, and there might be some that are not that good. Instead of trying to do this in a traditional solicitation manner, the MSRC could use some Program Opportunity Notices or Invitations to Negotiate, some of the more flexible strategies, to go out and shake the bushes once more, to see if there is anything out there above and beyond what is currently being done.

[After Agenda Item #9, staff returned to Agenda Item #10]

Ray Gorski, MSRC Technical Advisor, added that Agenda Item #10 allows the MSRC to provide some initial direction to staff and MSRC-TAC as to how you would like to proceed with the next steps of the Work Program development process. For example, the MSRC-TAC could initiate the process of forming subcommittees to begin the solicitation development for those categories the MSRC feels are the priorities of the Committee.

MSRC Member Earl Withycombe commented that as we continue to approach the ozone attainment deadline of 2023, there is increasing pressure on both the ARB and the SCAQMD to find as many reductions of NO_x emissions from all sources within the South Coast Air Basin as possible. As Mr. Gorski mentioned, ARB's focus is on pushing forward new technologies to try to accelerate the process of testing alternative ideas and proposals; those that make the cut to try those on a pilot basis; if that works, on a demonstration basis; and then full implementation for those that appear sufficiently promising and for which the cost benefits support moving forward. That is the position of two of the stakeholders at the MSRC. The other stakeholders are the folks that they represent, their constituencies at the local government level. In looking at the materials that The Better World Group and Mr. Gorski have provided, there are other needs that the MSRC has to be cognizant of.

Among some of the ideas/questions shared were:

Do we still need to continue to fund natural gas vehicles and infrastructure support?

Because of SCAQMD fleet regulations, natural gas conversion from diesel fleets is still of significant interest to local agencies, especially those smaller agencies that heretofore have not had the wherewithal to match funds and retire these vehicles that they would normally turnover.

Give consideration to one-time projects and programs that have merit. If we can reduce the scope from previous percent allocations of our Work Program for programs like natural gas infrastructure and vehicle support, we can carve out the money that was proposed for a broad-based TCM Program.

Make sure the majority of money is targeted and focused to meet some of the other specific needs, smaller agencies, technology forcing, etc.

[MSRC Member Greg Winterbottom left the meeting at 3:10 p.m., and a quorum was lost.]

Allocate a certain percentage of the total two-year budget to local government needs and split it up on the types of programs we have supported in the past, congestion relief or broad-based TCM, and fleet conversion support for local government.

ARB would like to move the ball forward on pilot demonstration projects for medium-duty trucks, electric vehicles, and car sharing programs.

Allocate a certain percentage of the budget to electric vehicle infrastructure.

Is there still a need to fund school bus conversions? Some Members said "yes" because historically one of the voids that the MSRC program fills relative to school buses is that it provides funding for the private school bus providers which are not eligible for the Low Emission School Bus Program that public school buses have access to. The fleet rules do require that the private school bus

providers purchase alternative fuel buses, if there is funding available. Another comment was made that it is a lot of work to apply for CEC funds; whereas, if you qualify with the MSRC, you know you are there. The CEC money is state-wide, whereas the MSRC pot of money goes to exactly this region.

MSRC-TAC Vice Chair Tanya Love asked if for whatever new program the MSRC comes up with, an analysis of air quality benefits could be done to see if X amount of dollars are spent in this arena, what is the likelihood that you will achieve so many pounds of emissions.

MSRC Chair Greg Pettis was hesitant to allocate a firm percentage number to any particular work program category due to lack of a quorum, but asked that this item be placed first on the agenda next month, and that Members attend or ask their alternates to attend.

OTHER BUSINESS

Item #11 – Other Business

- No further business was introduced.

ADJOURNMENT

THERE BEING NO FURTHER BUSINESS, THE MSRC MEETING
ADJOURNED AT 3:34 P.M.

NEXT MEETING:

Thursday, November 20, 2014, at 2 p.m., Room CC-8.

[Prepared by Ana Ponce]



ADOPTED 2015 MEETING SCHEDULE

TAC Meeting Dates

Thursday, January 8

(second Thursday)

Thursday, February 5

Thursday, March 5

(at 2:30 p.m., followed by MSRC-TAC Dinner)

Thursday, April 2

Thursday, May 7

Thursday, June 4

Thursday, July 2

Thursday, August 6

Thursday, September 3

Thursday, October 1

Thursday, November 5

Thursday, December 10

(second Thursday)

MSRC Meeting Dates

Thursday, January 15

Thursday, February 19

Thursday, March 19

Thursday, April 16

Thursday, May 21

Thursday, June 18

Thursday, July 16

Thursday, August 20

Thursday, September 17

Thursday, October 15

Thursday, November 19

Thursday, December 17

All regularly scheduled MSRC-TAC meetings are held on the first Thursday of every month at 1:30 p.m. in Conference Room CC8, unless otherwise noted. All regularly scheduled MSRC meetings are held on the third Thursday of the every month at 2:00 p.m. in Board Conference Room CC8, unless otherwise noted.

Meeting agendas can be viewed on the MSRC's website at <http://www.cleantransportationfunding.org/>.



MSRC Agenda Item No. 4

DATE: November 20, 2014

FROM: Cynthia Ravenstein

SUBJECT: AB 2766 Contracts Administrator's Report

SYNOPSIS: This report covers key issues addressed by MSRC staff, status of open contracts, and administrative scope changes from September 25 through October 29, 2014.

RECOMMENDATION: Receive and file report

WORK PROGRAM IMPACT: None

Contract Execution Status

2012-14 Work Program

On April 5, 2013, the SCAQMD Governing Board approved three awards under the Event Center Transportation Program. These contracts are awaiting responses from the prospective contractor or executed.

On July 5, 2013, the SCAQMD Governing Board approved an additional award to Orange County Transportation Authority under the Event Center Transportation Program. This contract is executed.

On September 6, 2013, the SCAQMD Governing Board approved an award to Transit Systems Unlimited under the Event Center Transportation Program. This contract is executed.

On November 1, 2013, the SCAQMD Governing Board approved two awards under the Event Center Transportation Program. These contracts are executed.

On December 6, 2013, the SCAQMD Governing Board approved 25 awards under the Local Government Match Program, 12 awards under the Alternative Fuel Infrastructure Program, one award under the Alternative Fuel School Bus Incentives Program, and one award under the Event Center Transportation Program. These contracts are awaiting responses from the prospective contractor, with the prospective contractor for signature, or executed.

On January 10, 2014, the SCAQMD Governing Board approved three awards under the Local Government Match Program, one award under the Alternative Fuel Infrastructure Program, and

one award under the Alternative Fuel School Bus Incentives Program. These contracts are executed.

On February 7, 2014, the SCAQMD Governing Board approved two awards under the Local Government Match Program and one award under the Alternative Fuel Infrastructure Program. These contracts are with the prospective contractor for signature or executed.

On April 4, 2014, the SCAQMD Governing Board approved two awards under the Local Government Match Program and three awards under the Traffic Signal Synchronization Partnership Program. These contracts are with the prospective contractor for signature, with the SCAQMD Board Chair for signature, or executed.

On May 2, 2014, the SCAQMD Governing Board approved 12 awards under the Local Government Match Program. These contracts are awaiting responses from the prospective contractor, with the prospective contractor for signature, or executed.

Work Program Status

Contract Status Reports for work program years with open and pending contracts are attached. MSRC or MSRC-TAC members may request spreadsheets covering any other work program year.

FY 2004-05 Work Program Contracts

One contract from this work program year is open.

FY 2004-05 Invoices Paid

No invoices were paid during this period.

FY 2005-06 Work Program Contracts

5 contracts from this work program year are open; and 5 are in "Open/Complete" status, having completed all obligations save ongoing operation. 2 contracts closed during this period: Consolidated Disposal Service, Contract #MS06012 – Install New LNG Station and Upgrade Maintenance Facility; and Newport-Mesa Unified School District, Contract #MS06048 – Install New CNG Station.

FY 2005-06 Work Program Invoices Paid

No invoices were paid during this period.

FY 2006-07 Work Program Contracts

6 contracts from this work program year are open; and 21 are in "Open/Complete" status. 2 contracts closed during this period: Rainbow Disposal Company, Contract #MS07013 – Install New CNG Station; and City of Culver City, Contract #MS07055 – Purchase 6 Natural Gas Refuse Trucks.

FY 2006-07 Invoices Paid

No invoices were paid during this period.

FY 2007-08 Work Program Contracts

11 contracts from this work program year are open; and 40 are in "Open/Complete" status.

FY 2007-08 Invoices Paid

No invoices were paid during this period.

FY 2008-09 Work Program Contracts

7 contracts from this work program year are open; and 14 are in “Open/Complete” status. One contract moved into “Open/Complete” status during this period: Los Angeles County Department of Public Works, Contract #ML09023 – Purchase 2 Heavy-Duty Alternative Fuel Transit Vehicles.

FY 2008-09 Invoices Paid

One invoice in the amount of \$125,930.00 was paid during this period.

FY 2009-10 Work Program Contracts

6 contracts from this work program year are open; and 11 are in “Open/Complete” status.

FY 2009-10 Invoices Paid

One invoice in the amount of \$651,377.00 was paid during this period.

FY 2010-11 Work Program Contracts

33 contracts from this work program year are open; and 20 are in “Open/Complete” status. One proposed contract with the County of Los Angeles Department of Public Works is still with them for signature; the County estimates it will be considered for approval by their Board in December 2014. One proposed contract with the Los Angeles Unified School District is with them for signature following MSRC approval of modifications. Lastly, one proposed contract with Ivanhoe Energy Services and Development is still with the prospective contractor for signature. Last month, the MSRC-TAC recommended that Ivanhoe come back with a report in March 2015. 2 contracts moved into “Open/Complete” status during this period: City of Whittier, Contract #ML11021 – Purchase 7 Heavy-Duty Natural Gas Vehicles; and City of Hemet Public Works, Contract #ML11043 – Purchase 2 Heavy-Duty Natural Gas Vehicles.

FY 2010-11 Invoices Paid

2 invoices totaling \$45,300.00 were paid during this period.

FY 2011-12 Work Program Contracts

55 contracts from this work program year are open, and 14 are in “Open/Complete” status. One contract moved into “Open/Complete” status during this period: U-Haul Company of California, Contract #MS12010 – Install New Limited Access CNG Station; and Arcadia Unified School District, Contract #MS12026 – Purchase 23 Medium-Heavy-Duty Vehicles.

FY 2011-12 Invoices Paid

One invoice in the amount of \$90,000.00 was paid during this period.

FYs 2012-14 Work Program Contracts

35 contracts from this work program year are open, and one is in “Open/Complete” status.

FYs 2012-14 Invoices Paid

2 invoices totaling \$163,600.00 were paid during this period.

Administrative Scope Changes

No administrative scope changes were initiated during the period of September 25 to October 29, 2014.

Attachments

- FY 2004-05 through FYs 2012-14 Contract Status Reports

Total This Period: \$1,076,207.00

FYs 2004-05 Through 2012-14 AB2766 Contract Status Report

11/13/2014

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2004-2005 Contracts

Open Contracts

ML05014	Los Angeles County Department of	5/21/2007	11/20/2008	3/20/2016	\$204,221.00	\$0.00	Traffic Signal Synchronization	\$204,221.00	No
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Total: 1

Declined/Cancelled Contracts

ML05005	City of Highland				\$20,000.00	\$0.00	2 Medium Duty CNG Vehicles	\$20,000.00	No
ML05008	Los Angeles County Department of				\$140,000.00	\$0.00	7 Heavy Duty LPG Street Sweepers	\$140,000.00	No
ML05010	Los Angeles County Department of				\$20,000.00	\$0.00	1 Heavy Duty CNG Bus	\$20,000.00	No

Total: 3

Closed Contracts

ML05006	City of Colton Public Works	7/27/2005	7/26/2006		\$30,000.00	\$30,000.00	3 Medium Duty CNG Vehicles	\$0.00	Yes
ML05011	Los Angeles County Department of	8/10/2006	12/9/2007	6/9/2008	\$52,409.00	\$51,048.46	3 Heavy Duty LPG Shuttle Vans	\$1,360.54	Yes
ML05013	Los Angeles County Department of	1/5/2007	7/4/2008	1/4/2013	\$313,000.00	\$313,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05015	City of Lawndale	7/27/2005	7/26/2006		\$10,000.00	\$10,000.00	1 Medium Duty CNG Vehicle	\$0.00	Yes
ML05016	City of Santa Monica	9/23/2005	9/22/2006	9/22/2007	\$350,000.00	\$350,000.00	6 MD CNG Vehicles, 1 LPG Sweep, 13 CNG	\$0.00	Yes
ML05017	City of Signal Hill	1/16/2006	7/15/2007		\$126,000.00	\$126,000.00	Traffic Signal Synchronization	\$0.00	Yes
ML05018	City of San Bernardino	4/19/2005	4/18/2006		\$40,000.00	\$40,000.00	4 M.D. CNG Vehicles	\$0.00	Yes
ML05019	City of Lakewood	5/6/2005	5/5/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05020	City of Pomona	6/24/2005	6/23/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05021	City of Whittier	7/7/2005	7/6/2006	4/6/2008	\$100,000.00	\$80,000.00	Sweeper, Aerial Truck, & 3 Refuse Trucks	\$20,000.00	Yes
ML05022	City of Claremont	9/23/2005	9/22/2006		\$20,000.00	\$20,000.00	2 M.D. CNG Vehicles	\$0.00	Yes
ML05024	City of Cerritos	4/18/2005	3/17/2006		\$10,000.00	\$10,000.00	1 M.D. CNG Vehicle	\$0.00	Yes
ML05025	City of Malibu	5/6/2005	3/5/2006		\$10,000.00	\$10,000.00	1 Medium-Duty CNG Vehicle	\$0.00	Yes
ML05026	City of Inglewood	1/6/2006	1/5/2007	2/5/2009	\$60,000.00	\$60,000.00	2 CNG Transit Buses, 1 CNG Pothole Patch	\$0.00	Yes
ML05027	City of Beaumont	2/23/2006	4/22/2007	6/22/2010	\$20,000.00	\$20,000.00	1 H.D. CNG Bus	\$0.00	Yes
ML05028	City of Anaheim	9/8/2006	9/7/2007	5/7/2008	\$85,331.00	\$85,331.00	Traffic signal coordination & synchronization	\$0.00	Yes
ML05029	Los Angeles World Airports	5/5/2006	9/4/2007		\$140,000.00	\$140,000.00	Seven CNG Buses	\$0.00	Yes
ML05071	City of La Canada Flintridge	1/30/2009	1/29/2011		\$20,000.00	\$20,000.00	1 CNG Bus	\$0.00	Yes
ML05072	Los Angeles County Department of	8/24/2009	5/23/2010	1/23/2011	\$349,000.00	\$349,000.00	Traffic Signal Synchronization (LADOT)	\$0.00	Yes

Total: 19

Closed/Incomplete Contracts

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML05007	Los Angeles County Dept of Beache	6/23/2006	6/22/2007	12/22/2007	\$50,000.00	\$0.00	5 Medium Duty CNG Vehicles	\$50,000.00	No
ML05009	Los Angeles County Department of	6/22/2006	12/21/2007	9/30/2011	\$56,666.00	\$0.00	2 Propane Refueling Stations	\$56,666.00	No
ML05012	Los Angeles County Department of	11/10/2006	5/9/2008	1/9/2009	\$349,000.00	\$0.00	Traffic Signal Synchronization (LADOT)	\$349,000.00	No
ML05023	City of La Canada Flintridge	3/30/2005	2/28/2006	8/28/2008	\$20,000.00	\$0.00	1 CNG Bus	\$20,000.00	No

Total: 4

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2005-2006 Contracts

Open Contracts

ML06031	City of Inglewood	4/4/2007	6/3/2013	9/3/2015	\$150,000.00	\$65,602.40	Purchase 4 H-D LPG Vehicles & Install LPG	\$84,397.60	No
ML06035	City of Hemet, Public Works	11/10/2006	12/9/2012	1/9/2017	\$338,107.00	\$175,000.00	7 Nat Gas Trucks & New Nat Gas Infrastruct	\$163,107.00	No
ML06054	Los Angeles County Department of	6/17/2009	6/16/2016		\$150,000.00	\$0.00	3 CNG & 3 LPG HD Trucks	\$150,000.00	No
ML06070	City of Colton	4/30/2008	2/28/2015	4/30/2015	\$50,000.00	\$0.00	Two CNG Pickups	\$50,000.00	No
ML06071	City of Santa Monica	6/13/2014		11/30/2016	\$149,925.00	\$0.00	3 H.D. CNG Trucks & CNG Fueling Station	\$149,925.00	No

Total: 5

Declined/Cancelled Contracts

ML06018	Los Angeles County Dept of Beache				\$375,000.00	\$0.00	New CNG Station & 2 CNG Dump Trucks	\$375,000.00	No
ML06019	Los Angeles County Dept of Beache				\$250,000.00	\$0.00	New CNG Station & 2 CNG Dump Trucks	\$250,000.00	No
ML06023	City of Baldwin Park	6/16/2006	9/15/2012		\$20,000.00	\$0.00	CNG Dump Truck	\$20,000.00	No
ML06024	City of Pomona	8/3/2007	7/2/2013	7/2/2014	\$286,450.00	\$0.00	New CNG Station	\$286,450.00	No
ML06030	City of Burbank	3/19/2007	9/18/2011		\$287,700.00	\$0.00	New CNG Fueling Station	\$287,700.00	No
ML06037	City of Lynwood				\$25,000.00	\$0.00	1 Nat Gas Dump Truck	\$25,000.00	No
ML06039	City of Inglewood	2/9/2007	2/8/2008	4/8/2011	\$50,000.00	\$0.00	Modify Maintenance Facility for CNG Vehicle	\$50,000.00	No
ML06055	City of Los Angeles, Dept. of Genera				\$125,000.00	\$0.00	5 Gas-Electric Hybrid Buses	\$125,000.00	No
ML06059	City of Fountain Valley				\$25,000.00	\$0.00	One H.D. CNG Truck	\$25,000.00	No
MS06009	Clean Energy Fuels Corp.	6/23/2006	12/22/2012		\$250,000.00	\$0.00	New CNG Station - Laguna Niguel	\$250,000.00	Yes
MS06040	Capistrano Unified School District				\$136,000.00	\$0.00	New CNG Fueling Station	\$136,000.00	No
MS06041	Clean Energy Fuels Corp.	12/1/2006	3/31/2013	6/18/2009	\$250,000.00	\$0.00	New CNG Station-Newport Beach	\$250,000.00	No
MS06046	City of Long Beach, Dept. of Public				\$250,000.00	\$0.00	LNG Fueling Station	\$250,000.00	No
MS06051	Menifee Union School District	3/2/2007	7/1/2014		\$150,000.00	\$0.00	CNG Fueling Station	\$150,000.00	No

Total: 14

Closed Contracts

ML06016	City of Whittier	5/25/2006	5/24/2012	11/24/2012	\$50,000.00	\$50,000.00	2 CNG Refuse Trucks	\$0.00	Yes
ML06017	City of Claremont	8/2/2006	4/1/2012		\$50,000.00	\$50,000.00	2 CNG Refuse Trucks	\$0.00	Yes
ML06020	Los Angeles Department of Water a	3/19/2007	9/18/2013	4/18/2014	\$25,000.00	\$25,000.00	CNG Aerial Truck	\$0.00	Yes
ML06021	Los Angeles World Airports	9/13/2006	5/12/2013		\$150,000.00	\$150,000.00	6 CNG Buses	\$0.00	Yes
ML06022	City of Los Angeles, Bureau of Sanit	5/4/2007	1/3/2014		\$1,250,000.00	\$1,250,000.00	50 LNG Refuse Trucks	\$0.00	Yes
ML06026	City of Cerritos	10/27/2006	9/26/2010		\$60,500.00	\$60,500.00	CNG Station Upgrade	\$0.00	Yes
ML06027	City of Redondo Beach	9/5/2006	5/4/2012	10/4/2012	\$50,000.00	\$50,000.00	2 Heavy-Duty CNG Trucks	\$0.00	Yes
ML06028	City of Pasadena	9/29/2006	11/28/2012	3/28/2014	\$245,000.00	\$245,000.00	New CNG Station & Maint. Fac. Upgrades	\$0.00	Yes
ML06029	City of Culver City Transportation De	9/29/2006	8/28/2012	12/28/2012	\$50,000.00	\$50,000.00	2 CNG Heavy-Duty Trucks	\$0.00	Yes
ML06032	City of Rancho Cucamonga	2/13/2007	3/12/2013	2/12/2014	\$237,079.00	\$237,079.00	New CNG Station & 2 CNG Dump Trucks	\$0.00	Yes
ML06033	City of Cathedral City	11/17/2006	12/16/2012	12/16/2013	\$125,000.00	\$125,000.00	5 Heavy-Duty CNG Trucks	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML06034	City of South Pasadena	9/25/2006	9/24/2012		\$16,422.42	\$16,422.42	2 Nat. Gas Transit Buses	\$0.00	Yes
ML06036	City of Riverside	3/23/2007	3/22/2013		\$200,000.00	\$200,000.00	8 Heavy-Duty Nat Gas Vehicles	\$0.00	Yes
ML06038	City of Los Angeles, Department of	5/21/2007	1/20/2014		\$625,000.00	\$625,000.00	25 CNG Street Sweepers	\$0.00	Yes
ML06044	City of Pomona	12/15/2006	3/14/2013		\$50,000.00	\$50,000.00	2 CNG Street Sweepers	\$0.00	Yes
ML06052	City of Hemet, Public Works	4/20/2007	2/19/2013		\$25,000.00	\$25,000.00	Purchase One CNG Dump Truck	\$0.00	Yes
ML06053	City of Burbank	5/4/2007	7/3/2013		\$125,000.00	\$125,000.00	Five Nat. Gas Refuse Trucks	\$0.00	Yes
ML06056	City of Los Angeles, Dept. of Genera	11/30/2007	11/29/2008		\$350,000.00	\$350,000.00	Maintenance Facility Mods.	\$0.00	Yes
ML06057	City of Rancho Cucamonga	8/28/2007	6/27/2013	8/27/2014	\$100,000.00	\$100,000.00	4 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML06058	City of Santa Monica	7/12/2007	7/11/2013		\$149,925.00	\$0.00	3 H.D. CNG Trucks & CNG Fueling Station	\$149,925.00	No
ML06060	City of Temple City	6/12/2007	6/11/2013		\$31,885.00	\$0.00	Upgrade existing CNG infrastructure	\$31,885.00	No
ML06061	City of Chino Hills	4/30/2007	4/29/2013		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
ML06062	City of Redlands	5/11/2007	5/10/2013		\$100,000.00	\$100,000.00	4 H.D. LNG Vehicles	\$0.00	Yes
ML06063	City of Moreno Valley	3/23/2007	11/22/2012		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
ML06065	City of Walnut	6/29/2007	6/28/2013		\$44,203.00	\$44,203.00	Upgrade Existing CNG Infrastructure	\$0.00	Yes
ML06066	City of Ontario	5/30/2007	1/29/2013		\$125,000.00	\$125,000.00	5 H.D. CNG Vehicles	\$0.00	Yes
ML06068	City of Claremont	8/28/2007	6/27/2013		\$60,000.00	\$60,000.00	Expand existing CNG infrastructure	\$0.00	Yes
ML06069	City of Palos Verdes Estates	11/19/2007	11/18/2013		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
MS06001	Riverside County Transportation Co	8/3/2007	9/2/2011		\$825,037.00	\$825,037.00	New Freeway Service Patrol	\$0.00	Yes
MS06002	Orange County Transportation Autho	11/7/2007	11/6/2013		\$928,740.00	\$925,091.00	New Freeway Service Patrol	\$3,649.00	Yes
MS06003	San Bernardino Associated Govern	10/19/2006	6/18/2010		\$804,240.00	\$804,239.87	New Freeway Service Patrol	\$0.13	Yes
MS06004	Los Angeles County MTA	8/10/2006	7/9/2010		\$1,391,983.00	\$1,391,791.98	New Freeway Service Patrol	\$191.02	Yes
MS06010	US Airconditioning Distributors	12/28/2006	6/27/2012		\$83,506.00	\$83,506.00	New CNG Station - Industry	\$0.00	Yes
MS06011	County Sanitation Districts of L.A. C	6/1/2006	7/31/2012		\$150,000.00	\$150,000.00	New CNG Station - Carson	\$0.00	Yes
MS06012	Consolidated Disposal Service	7/14/2006	9/13/2012	9/13/2014	\$297,981.00	\$297,981.00	New LNG Station & Facility Upgrades	\$0.00	Yes
MS06042	Clean Energy Fuels Corp.	1/5/2007	1/4/2013		\$150,000.00	\$150,000.00	New CNG Station-Baldwin Park	\$0.00	Yes
MS06043X	Westport Fuel Systems, Inc.	2/3/2007	12/31/2010	9/30/2011	\$2,000,000.00	\$2,000,000.00	Advanced Natural Gas Engine Incentive Pro	\$0.00	Yes
MS06045	Orange County Transportation Autho	8/17/2007	12/16/2013		\$200,000.00	\$200,000.00	CNG Fueling Station/Maint. Fac. Mods	\$0.00	Yes
MS06047	Hemet Unified School District	9/19/2007	11/18/2013		\$125,000.00	\$125,000.00	CNG Refueling Station	\$0.00	Yes
MS06048	Newport-Mesa Unified School Distric	6/25/2007	8/24/2013	8/24/2014	\$50,000.00	\$50,000.00	CNG Fueling Station	\$0.00	Yes
MS06050	Rossmoor Pastries	1/24/2007	10/23/2012		\$18,750.00	\$14,910.50	CNG Fueling Station	\$3,839.50	Yes

Total: 41

Open/Complete Contracts									
ML06025	City of Santa Monica	1/5/2007	11/4/2012	12/14/2014	\$300,000.00	\$300,000.00	12 H.D. CNG Vehicles	\$0.00	Yes
ML06064	City of South Pasadena	1/25/2008	11/24/2013	11/24/2014	\$50,000.00	\$50,000.00	2 H.D. CNG Vehicles	\$0.00	Yes
ML06067	City of El Monte	3/17/2008	5/16/2014	11/16/2014	\$157,957.00	\$157,957.00	Upgrade existing CNG infrastructure	\$0.00	Yes
MS06013	City of Commerce	1/9/2008	7/8/2014	7/8/2015	\$350,000.00	\$350,000.00	New L/CNG Station - Commerce	\$0.00	Yes
MS06049	Clean Energy Fuels Corp.	4/20/2007	7/19/2013	11/30/2015	\$250,000.00	\$228,491.18	CNG Fueling Station - L.B.P.D.	\$21,508.82	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2006-2007 Contracts									
Open Contracts									
ML07044	City of Santa Monica	9/8/2008	3/7/2015	3/7/2017	\$600,000.00	\$50,000.00	24 H.D. Nat. Gas Vehicles	\$550,000.00	No
ML07045	City of Inglewood	2/6/2009	4/5/2015		\$75,000.00	\$25,000.00	3 H.D. Nat. Gas Vehicles	\$50,000.00	No
MS07022	CSULA Hydrogen Station and Resea	10/30/2009	12/29/2015	10/29/2019	\$250,000.00	\$0.00	New Hydrogen Fueling Station	\$250,000.00	No
MS07070	Griffith Company	4/30/2008	2/28/2010	8/28/2012	\$168,434.00	\$125,504.00	Off-Road Diesel Equipment Retrofit Program	\$42,930.00	No
MS07080	City of Los Angeles, Bureau of Sanit	10/31/2008	8/30/2010	8/28/2016	\$63,192.00	\$62,692.00	Off-Road Diesel Equipment Retrofit Program	\$500.00	No
Total: 5									
Declined/Cancelled Contracts									
ML07031	City of Santa Monica				\$180,000.00	\$0.00	Upgrade N.G. Station to Add Hythane	\$180,000.00	No
ML07032	City of Huntington Beach Public Wor				\$25,000.00	\$0.00	One H.D. CNG Vehicle	\$25,000.00	No
ML07035	City of Los Angeles, General Service				\$350,000.00	\$0.00	New CNG Refueling Station/Southeast Yard	\$350,000.00	No
ML07038	City of Palos Verdes Estates				\$25,000.00	\$0.00	One H.D. LPG Vehicle	\$25,000.00	No
MS07010	Palos Verdes Peninsula Transit Auth				\$80,000.00	\$0.00	Repower 4 Transit Buses	\$80,000.00	No
MS07014	Clean Energy Fuels Corp.				\$350,000.00	\$0.00	New L/CNG Station - SERRF	\$350,000.00	No
MS07015	Baldwin Park Unified School District				\$57,500.00	\$0.00	New CNG Station	\$57,500.00	No
MS07016	County of Riverside Fleet Services D				\$36,359.00	\$0.00	New CNG Station - Rubidoux	\$36,359.00	No
MS07017	County of Riverside Fleet Services D				\$33,829.00	\$0.00	New CNG Station - Indio	\$33,829.00	No
MS07018	City of Cathedral City				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07021	City of Riverside				\$350,000.00	\$0.00	New CNG Station	\$350,000.00	No
MS07050	Southern California Disposal Co.				\$320,000.00	\$0.00	Ten Nat. Gas Refuse Trucks	\$320,000.00	No
MS07062	Caltrans Division of Equipment				\$1,081,818.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$1,081,818.00	No
MS07065	ECCO Equipment Corp.				\$174,525.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$174,525.00	No
MS07067	Recycled Materials Company of Calif				\$99,900.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$99,900.00	No
MS07069	City of Burbank	5/9/2008	3/8/2010	9/8/2011	\$8,895.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$8,895.00	No
MS07074	Albert W. Davies, Inc.	1/25/2008	11/24/2009		\$39,200.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$39,200.00	No
MS07081	Clean Diesel Technologies, Inc.				\$240,347.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$240,347.00	No
MS07082	DCL International, Inc.				\$153,010.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$153,010.00	No
MS07083	Dinex Exhausts, Inc.				\$52,381.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$52,381.00	No
MS07084	Donaldson Company, Inc.				\$42,416.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$42,416.00	No
MS07085	Engine Control Systems Limited				\$155,746.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$155,746.00	No
MS07086	Huss, LLC				\$84,871.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$84,871.00	No
MS07087	Mann+Hummel GmbH				\$189,361.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$189,361.00	No
MS07088	Nett Technologies, Inc.				\$118,760.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$118,760.00	No
MS07089	Rypos, Inc.				\$68,055.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$68,055.00	No
MS07090	Sud-Chemie				\$27,345.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$27,345.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Total: 27									
Closed Contracts									
ML07025	City of San Bernardino	8/12/2008	7/11/2010		\$350,000.00	\$350,000.00	Maintenance Facility Modifications	\$0.00	Yes
ML07026	City of South Pasadena	6/13/2008	6/12/2014		\$25,000.00	\$25,000.00	One H.D. CNG Vehicle	\$0.00	Yes
ML07027	Los Angeles World Airports	6/3/2008	7/2/2014		\$25,000.00	\$25,000.00	One H.D. LNG Vehicle	\$0.00	Yes
ML07028	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Hollywood Yard	\$0.00	Yes
ML07029	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Venice Yard	\$0.00	Yes
ML07033	City of La Habra	5/21/2008	6/20/2014	11/30/2013	\$25,000.00	\$25,000.00	One H.D. Nat Gas Vehicle	\$0.00	Yes
ML07034	City of Los Angeles, General Service	3/13/2009	3/12/2014		\$350,000.00	\$350,000.00	New CNG Refueling Station/Van Nuys Yard	\$0.00	Yes
ML07040	City of Moreno Valley	6/3/2008	9/2/2014		\$25,000.00	\$25,000.00	One Heavy-Duty CNG Vehicle	\$0.00	Yes
ML07041	City of La Quinta	6/6/2008	6/5/2014		\$25,000.00	\$25,000.00	One CNG Street Sweeper	\$0.00	Yes
ML07042	City of La Quinta	8/15/2008	9/14/2010		\$100,000.00	\$100,000.00	Street Sweeping Operations	\$0.00	Yes
ML07046	City of Culver City Transportation De	5/2/2008	5/1/2014		\$25,000.00	\$25,000.00	One H.D. Nat. Gas Vehicle	\$0.00	Yes
ML07048	City of Cathedral City	9/19/2008	10/18/2010		\$100,000.00	\$84,972.45	Street Sweeping Operations	\$15,027.55	Yes
MS07001	A-Z Bus Sales, Inc.	12/28/2006	12/31/2007	2/29/2008	\$1,920,000.00	\$1,380,000.00	CNG School Bus Buydown	\$540,000.00	Yes
MS07002	BusWest	1/19/2007	12/31/2007	3/31/2008	\$840,000.00	\$840,000.00	CNG School Bus Buydown	\$0.00	Yes
MS07003	Westport Fuel Systems, Inc.	11/2/2007	12/31/2011	6/30/2013	\$1,500,000.00	\$1,499,990.00	Advanced Nat. Gas Engine Incentive Progra	\$10.00	Yes
MS07005	S-W Compressors	3/17/2008	3/16/2010		\$60,000.00	\$7,500.00	Mountain CNG School Bus Demo Program-	\$52,500.00	Yes
MS07006	Coachella Valley Association of Gov	2/28/2008	10/27/2008		\$400,000.00	\$400,000.00	Coachella Valley PM10 Reduction Street Sw	\$0.00	Yes
MS07011	L A Service Authority for Freeway E	3/12/2010	5/31/2011	9/30/2011	\$700,000.00	\$700,000.00	"511" Commuter Services Campaign	\$0.00	Yes
MS07012	City of Los Angeles, General Service	6/13/2008	6/12/2009	6/12/2010	\$50,000.00	\$50,000.00	Maintenance Facility Modifications	\$0.00	Yes
MS07013	Rainbow Disposal Company, Inc.	1/25/2008	3/24/2014	9/24/2014	\$350,000.00	\$350,000.00	New High-Volume CNG Station	\$0.00	Yes
MS07019	City of Cathedral City	1/9/2009	6/8/2010		\$32,500.00	\$32,500.00	Maintenance Facility Modifications	\$0.00	Yes
MS07055	City of Culver City Transportation De	7/8/2008	9/7/2014		\$192,000.00	\$192,000.00	Six Nat. Gas Refuse Trucks	\$0.00	Yes
MS07058	The Better World Group	11/17/2007	11/16/2009	11/16/2011	\$247,690.00	\$201,946.21	MSRC Programmatic Outreach Services	\$45,743.79	Yes
MS07059	County Sanitation Districts of L.A. C	9/5/2008	9/4/2010	7/14/2012	\$231,500.00	\$231,500.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07060	Community Recycling & Resource R	3/7/2008	1/6/2010	7/6/2011	\$177,460.00	\$98,471.00	Off-Road Diesel Equipment Retrofit Program	\$78,989.00	Yes
MS07061	City of Los Angeles, Department of	10/31/2008	8/30/2010	2/28/2013	\$40,626.00	\$40,626.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07063	Shimmick Construction Company, In	4/26/2008	2/25/2010	8/25/2011	\$80,800.00	\$11,956.37	Off-Road Diesel Equipment Retrofit Program	\$68,843.63	No
MS07064	Altfillisch Contractors, Inc.	9/19/2008	7/18/2010	1/18/2011	\$160,000.00	\$155,667.14	Off-Road Diesel Equipment Retrofit Program	\$4,332.86	Yes
MS07068	Sukut Equipment Inc.	1/23/2009	11/22/2010	5/22/2012	\$26,900.00	\$26,900.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07071	Tiger 4 Equipment Leasing	9/19/2008	7/18/2010	1/18/2013	\$210,937.00	\$108,808.97	Off-Road Diesel Equipment Retrofit Program	\$102,128.03	Yes
MS07072	City of Culver City Transportation De	4/4/2008	2/3/2010	8/3/2011	\$72,865.00	\$72,865.00	Off-Road Diesel Equipment Retrofit Program	\$0.00	Yes
MS07075	Dan Copp Crushing	9/17/2008	7/16/2010	1/16/2012	\$73,600.00	\$40,200.00	Off-Road Diesel Equipment Retrofit Program	\$33,400.00	No
MS07076	Reed Thomas Company, Inc.	8/15/2008	6/14/2010	3/14/2012	\$339,073.00	\$100,540.00	Off-Road Diesel Equipment Retrofit Program	\$238,533.00	No
MS07079	Riverside County Transportation Co	1/30/2009	7/29/2013	12/31/2011	\$20,000.00	\$15,165.45	BikeMetro Website Migration	\$4,834.55	Yes
MS07091	BusWest	10/16/2009	3/15/2010		\$33,660.00	\$33,660.00	Provide Lease for 2 CNG School Buses	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS07092	Riverside County Transportation Co	9/1/2010	10/31/2011		\$350,000.00	\$350,000.00	"511" Commuter Services Campaign	\$0.00	Yes

Total: 36

Closed/Incomplete Contracts

MS07004	BusWest	7/2/2007	7/1/2009		\$90,928.00	\$68,196.00	Provide Lease for 2 CNG School Buses	\$22,732.00	No
MS07066	Skanska USA Civil West California D	6/28/2008	4/27/2010	10/27/2010	\$111,700.00	\$36,128.19	Off-Road Diesel Equipment Retrofit Program	\$75,571.81	No
MS07073	PEED Equipment Co.	10/31/2008	8/30/2010		\$11,600.00	\$0.00	Off-Road Diesel Equipment Retrofit Program	\$11,600.00	No

Total: 3

Open/Complete Contracts

ML07023	City of Riverside	6/20/2008	10/19/2014	7/19/2016	\$462,500.00	\$461,476.42	CNG Station Expansion/Purch. 14 H.D. Vehi	\$1,023.58	No
ML07024	City of Garden Grove	3/7/2008	9/6/2014	7/6/2016	\$75,000.00	\$75,000.00	Three H.D. CNG Vehicles	\$0.00	Yes
ML07030	County of San Bernardino Public Wo	7/11/2008	9/10/2015		\$200,000.00	\$200,000.00	8 Natural Gas H.D. Vehicles	\$0.00	Yes
ML07036	City of Alhambra	1/23/2009	2/22/2015		\$50,000.00	\$50,000.00	2 H.D. CNG Vehicles	\$0.00	Yes
ML07037	City of Los Angeles, General Service	10/8/2008	10/7/2015		\$255,222.00	\$255,222.00	Upgrade LNG/LCNG Station/East Valley Yar	\$0.00	Yes
ML07039	City of Baldwin Park	6/6/2008	6/5/2014	8/5/2015	\$50,000.00	\$50,000.00	Two N.G. H.D. Vehicles	\$0.00	Yes
ML07043	City of Redondo Beach	9/28/2008	7/27/2014	10/27/2016	\$125,000.00	\$125,000.00	Five H.D. CNG Transit Vehicles	\$0.00	Yes
ML07047	City of Cathedral City	6/16/2008	9/15/2014	3/15/2015	\$225,000.00	\$225,000.00	Two H.D. Nat. Gas Vehicles/New CNG Fueli	\$0.00	Yes
MS07007	Los Angeles World Airports	5/2/2008	11/1/2014		\$420,000.00	\$420,000.00	Purchase CNG 21 Transit Buses	\$0.00	Yes
MS07008	City of Los Angeles, Department of T	9/18/2009	5/17/2020	9/17/2017	\$1,900,000.00	\$1,900,000.00	Purchase 95 Transit Buses	\$0.00	Yes
MS07009	Orange County Transportation Autho	5/14/2008	4/13/2016		\$800,000.00	\$800,000.00	Purchase 40 Transit Buses	\$0.00	Yes
MS07020	Avery Petroleum	5/20/2009	7/19/2015		\$250,000.00	\$250,000.00	New CNG Station	\$0.00	Yes
MS07049	Palm Springs Disposal Services	10/23/2008	11/22/2014	9/22/2016	\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07051	City of San Bernardino	8/12/2008	12/11/2014		\$480,000.00	\$480,000.00	15 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07052	City of Redlands	7/30/2008	11/29/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks	\$0.00	Yes
MS07053	City of Claremont	7/31/2008	12/30/2014		\$96,000.00	\$96,000.00	Three Nat. Gas Refuse Trucks	\$0.00	Yes
MS07054	Republic Services, Inc.	3/7/2008	9/6/2014	9/6/2016	\$1,280,000.00	\$1,280,000.00	40 Nat. Gas Refuse Trucks	\$0.00	Yes
MS07056	City of Whittier	9/5/2008	3/4/2015		\$32,000.00	\$32,000.00	One Nat. Gas Refuse Trucks	\$0.00	Yes
MS07057	CR&R, Inc.	7/31/2008	8/30/2014	6/30/2015	\$896,000.00	\$896,000.00	28 Nat. Gas Refuse Trucks	\$0.00	No
MS07077	USA Waste of California, Inc.	5/1/2009	12/31/2014		\$160,000.00	\$160,000.00	Five Nat. Gas Refuse Trucks (Santa Ana)	\$0.00	Yes
MS07078	USA Waste of California, Inc.	5/1/2009	12/31/2014	12/31/2015	\$256,000.00	\$256,000.00	Eight Nat. Gas Refuse Trucks (Dewey's)	\$0.00	Yes

Total: 21

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2007-2008 Contracts

Open Contracts

ML08028	City of Santa Monica	9/11/2009	9/10/2016	5/10/2019	\$600,000.00	\$0.00	24 CNG Heavy-Duty Vehicles	\$600,000.00	No
ML08030	City of Azusa	5/14/2010	3/13/2016		\$25,000.00	\$0.00	1 CNG Heavy-Duty Vehicle	\$25,000.00	No
ML08040	City of Riverside	9/11/2009	9/10/2016	3/10/2019	\$455,500.00	\$28,124.80	16 CNG Vehicles, Expand CNG Station & M	\$427,375.20	No
ML08043	City of Desert Hot Springs	9/25/2009	3/24/2016		\$25,000.00	\$0.00	1 CNG Heavy-Duty Vehicle	\$25,000.00	No
ML08080	City of Irvine	5/1/2009	5/31/2015		\$50,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$50,000.00	No
MS08007	United Parcel Service West Region	12/10/2008	10/9/2014	4/9/2019	\$300,000.00	\$0.00	10 H.D. Nat. Gas Vehicles	\$300,000.00	No
MS08013	United Parcel Service West Region	12/10/2008	10/9/2014	3/9/2019	\$480,000.00	\$216,000.00	12 H.D. Nat. Gas Yard Tractors	\$264,000.00	No
MS08015	Yosemite Waters	5/12/2009	5/11/2015		\$180,000.00	\$117,813.60	11 H.D. Propane Vehicles	\$62,186.40	No
MS08018	Los Angeles County Department of	8/7/2009	10/6/2016	4/6/2018	\$60,000.00	\$0.00	3 CNG Vehicles	\$60,000.00	No
MS08058	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$240,000.00	New CNG Station - Ontario Airport	\$160,000.00	No
MS08068	Regents of the University of Californi	11/5/2010	11/4/2017	11/4/2019	\$400,000.00	\$0.00	Hydrogen Station	\$400,000.00	No

Total: 11

Declined/Cancelled Contracts

ML08032	City of Irvine	5/1/2009	8/31/2010		\$9,000.00	\$0.00	36 Vehicles (Diagnostic)	\$9,000.00	No
ML08041	City of Los Angeles, Dept of Transpo	8/6/2010	7/5/2011	12/5/2011	\$8,800.00	\$0.00	73 Vehicles (Diagnostic)	\$8,800.00	No
ML08049	City of Cerritos	3/20/2009	1/19/2015	2/19/2017	\$25,000.00	\$0.00	1 CNG Heavy-Duty Vehicle	\$25,000.00	No
ML08051	City of Colton				\$75,000.00	\$0.00	3 CNG Heavy-Duty Vehicles	\$75,000.00	No
MS08002	Orange County Transportation Autho				\$1,500,000.00	\$0.00	Big Rig Freeway Service Patrol	\$1,500,000.00	No
MS08008	Diversified Truck Rental & Leasing				\$300,000.00	\$0.00	10 H.D. Nat. Gas Vehicles	\$300,000.00	No
MS08010	Orange County Transportation Autho				\$10,000.00	\$0.00	20 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08011	Green Fleet Systems, LLC				\$10,000.00	\$0.00	30 H.D. Nat. Gas Vehicles	\$10,000.00	No
MS08052	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014	11/23/2015	\$100,000.00	\$0.00	New CNG Station - Fontana	\$100,000.00	No
MS08054	Clean Energy Fuels Corp.				\$400,000.00	\$0.00	New LNG Station - Fontana	\$400,000.00	No
MS08055	Clean Energy Fuels Corp.	11/26/2009	3/25/2016	3/25/2017	\$400,000.00	\$0.00	New LNG Station - Long Beach-Pier S	\$400,000.00	No
MS08059	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - San Bernardino	\$100,000.00	No
MS08060	Burrtec Waste Industries, Inc.	12/24/2008	11/23/2014		\$100,000.00	\$0.00	New CNG Station - Azusa	\$100,000.00	No
MS08062	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$0.00	New CNG Station - Rialto	\$400,000.00	No
MS08074	Fontana Unified School District	11/14/2008	12/13/2014		\$200,000.00	\$0.00	Expansion of Existing CNG station	\$200,000.00	No
MS08077	Hythane Company, LLC				\$144,000.00	\$0.00	Upgrade Station to Hythane	\$144,000.00	No

Total: 16

Closed Contracts

ML08023	City of Villa Park	11/7/2008	10/6/2012		\$6,500.00	\$5,102.50	Upgrade of Existing Refueling Facility	\$1,397.50	Yes
ML08027	Los Angeles County Department of	7/20/2009	1/19/2011	1/19/2012	\$6,901.00	\$5,124.00	34 Vehicles (Diagnostic)	\$1,777.00	No
ML08033	County of San Bernardino Public Wo	4/3/2009	2/2/2010		\$14,875.00	\$14,875.00	70 Vehicles (Diagnostic)	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
ML08035	City of La Verne	3/6/2009	11/5/2009		\$11,925.00	\$11,925.00	53 Vehicles (Diagnostic)	\$0.00	Yes
ML08036	City of South Pasadena	5/12/2009	7/11/2013		\$169,421.00	\$169,421.00	New CNG Station	\$0.00	Yes
ML08045	City of Santa Clarita	2/20/2009	6/19/2010		\$3,213.00	\$3,150.00	14 Vehicles (Diagnostic)	\$63.00	Yes
MS08001	Los Angeles County MTA	12/10/2010	6/9/2014		\$1,500,000.00	\$1,499,999.66	Big Rig Freeway Service Patrol	\$0.34	Yes
MS08003	A-Z Bus Sales, Inc.	5/2/2008	12/31/2008	2/28/2009	\$1,480,000.00	\$1,400,000.00	Alternative Fuel School Bus Incentive Progr	\$80,000.00	Yes
MS08004	BusWest	5/2/2008	12/31/2008		\$1,440,000.00	\$1,440,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	Yes
MS08016	TransVironmental Solutions, Inc.	1/23/2009	12/31/2010	9/30/2011	\$227,198.00	\$80,351.34	Rideshare 2 School Program	\$146,846.66	Yes
MS08065	Pupil Transportation Cooperative	11/20/2008	7/19/2014		\$10,500.00	\$10,500.00	Existing CNG Station Modifications	\$0.00	Yes
MS09002	A-Z Bus Sales, Inc.	11/7/2008	12/31/2009	12/31/2010	\$2,520,000.00	\$2,460,000.00	Alternative Fuel School Bus Incentive Progr	\$60,000.00	No
MS09004	A-Z Bus Sales, Inc.	1/30/2009	3/31/2009		\$156,000.00	\$156,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	Yes
MS09047	BusWest	7/9/2010	12/31/2010	4/30/2011	\$480,000.00	\$480,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	Yes

Total: 14

Closed/Incomplete Contracts

ML08025	Los Angeles County Department of	10/30/2009	3/29/2011		\$75,000.00	\$0.00	150 Vehicles (Diagnostic)	\$75,000.00	No
MS08079	ABC Unified School District	1/16/2009	12/15/2009	12/15/2010	\$50,000.00	\$0.00	Maintenance Facility Modifications	\$50,000.00	No

Total: 2

Open/Complete Contracts

ML08024	City of Anaheim	7/9/2010	7/8/2017	1/8/2018	\$425,000.00	\$425,000.00	9 LPG Buses and 8 CNG Buses	\$0.00	No
ML08026	Los Angeles County Department of	7/20/2009	7/19/2016		\$250,000.00	\$250,000.00	10 LPG Heavy-Duty Vehicles	\$0.00	Yes
ML08029	City of Gardena	3/19/2009	1/18/2015		\$25,000.00	\$25,000.00	1 Propane Heavy-Duty Vehicle	\$0.00	Yes
ML08031	City of Claremont	3/27/2009	3/26/2013	3/26/2015	\$97,500.00	\$97,500.00	Upgrade of Existing CNG Station, Purchase	\$0.00	Yes
ML08034	County of San Bernardino Public Wo	3/27/2009	7/26/2015		\$150,000.00	\$150,000.00	8 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08037	City of Glendale	5/20/2009	5/19/2015		\$325,000.00	\$325,000.00	13 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08038	Los Angeles Department of Water a	7/16/2010	7/15/2017		\$1,050,000.00	\$1,050,000.00	42 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08039	City of Rancho Palos Verdes	6/5/2009	8/4/2015		\$50,000.00	\$50,000.00	2 LPG Transit Buses	\$0.00	Yes
ML08042	City of Ontario	5/1/2009	1/31/2016		\$175,000.00	\$175,000.00	7 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08044	City of Chino	3/19/2009	3/18/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08046	City of Paramount	2/20/2009	2/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08047	City of Culver City Transportation De	5/12/2009	8/11/2015		\$150,000.00	\$150,000.00	6 CNG Heavy-Duty Vehicles	\$0.00	Yes
ML08048	City of Santa Clarita	2/20/2009	6/19/2015		\$25,000.00	\$25,000.00	1 CNG Heavy-Duty Vehicle	\$0.00	Yes
ML08050	City of Laguna Beach Public Works	8/12/2009	4/11/2016	10/11/2016	\$75,000.00	\$75,000.00	3 LPG Trolleys	\$0.00	Yes
MS08005	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Azusa	\$0.00	Yes
MS08006	Burrtec Waste Industries, Inc.	10/23/2008	11/22/2014	10/22/2015	\$450,000.00	\$450,000.00	15 H.D. Nat. Gas Vehicles - Saugus	\$0.00	Yes
MS08009	Los Angeles World Airports	12/24/2008	12/23/2014		\$870,000.00	\$870,000.00	29 H.D. Nat. Gas Vehicles	\$0.00	Yes
MS08012	California Cartage Company, LLC	12/21/2009	10/20/2015	4/20/2016	\$480,000.00	\$480,000.00	12 H.D. Nat. Gas Yard Tractors	\$0.00	Yes
MS08014	City of San Bernardino	12/5/2008	6/4/2015		\$390,000.00	\$360,000.00	13 H.D. Nat. Gas Vehicles	\$30,000.00	Yes
MS08017	Omnitrans	12/13/2008	12/12/2015	12/12/2016	\$900,000.00	\$900,000.00	30 CNG Buses	\$0.00	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS08019	Enterprise Rent-A-Car Company of L	2/12/2010	7/11/2016		\$300,000.00	\$300,000.00	10 CNG Vehicles	\$0.00	Yes
MS08020	Ware Disposal Company, Inc.	11/25/2008	2/24/2016		\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08021	CalMet Services, Inc.	1/9/2009	1/8/2016	7/8/2016	\$900,000.00	\$900,000.00	30 CNG Vehicles	\$0.00	Yes
MS08022	SunLine Transit Agency	12/18/2008	3/17/2015		\$311,625.00	\$311,625.00	15 CNG Buses	\$0.00	Yes
MS08053	City of Los Angeles, Bureau of Sanit	2/18/2009	12/17/2015		\$400,000.00	\$400,000.00	New LNG/CNG Station	\$0.00	Yes
MS08056	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New LNG Station - POLB-Anah. & I	\$0.00	Yes
MS08057	Orange County Transportation Autho	5/14/2009	7/13/2015		\$400,000.00	\$400,000.00	New CNG Station - Garden Grove	\$0.00	Yes
MS08061	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$400,000.00	New CNG Station - L.A.-La Cienega	\$0.00	Yes
MS08063	Go Natural Gas	9/25/2009	1/24/2016	1/24/2017	\$400,000.00	\$400,000.00	New CNG Station - Moreno Valley	\$0.00	Yes
MS08064	Hemet Unified School District	1/9/2009	3/8/2015		\$75,000.00	\$75,000.00	Expansion of Existing Infrastructure	\$0.00	Yes
MS08066	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Palm Spring Airport	\$0.00	Yes
MS08067	Trillium CNG	3/19/2009	6/18/2015	6/18/2016	\$311,600.00	\$254,330.00	New CNG Station	\$57,270.00	Yes
MS08069	Perris Union High School District	6/5/2009	8/4/2015	8/4/2016	\$225,000.00	\$225,000.00	New CNG Station	\$0.00	Yes
MS08070	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Paramount	\$0.00	Yes
MS08071	ABC Unified School District	1/16/2009	1/15/2015		\$63,000.00	\$63,000.00	New CNG Station	\$0.00	Yes
MS08072	Clean Energy Fuels Corp.	12/4/2009	3/3/2015		\$400,000.00	\$354,243.38	New CNG Station - Burbank	\$45,756.62	Yes
MS08073	Clean Energy Fuels Corp.	11/26/2009	2/25/2015		\$400,000.00	\$400,000.00	New CNG Station - Norwalk	\$0.00	Yes
MS08075	Disneyland Resort	12/10/2008	2/1/2015		\$200,000.00	\$200,000.00	Expansion of Existing CNG Infrastructure	\$0.00	Yes
MS08076	Azusa Unified School District	10/17/2008	11/16/2014	1/31/2017	\$172,500.00	\$172,500.00	New CNG station and maint. Fac. Modificati	\$0.00	Yes
MS08078	SunLine Transit Agency	12/10/2008	6/9/2015	2/9/2016	\$189,000.00	\$189,000.00	CNG Station Upgrade	\$0.00	Yes

Total: 40

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2008-2009 Contracts

Open Contracts

ML09010	City of Palm Springs	1/8/2010	2/7/2016		\$25,000.00	\$0.00	1 Nat. Gas Heavy-Duty Vehicle	\$25,000.00	No
ML09026	Los Angeles County Department of	10/15/2010	10/14/2017	4/14/2019	\$150,000.00	\$0.00	3 Off-Road Vehicles Repowers	\$150,000.00	No
ML09032	Los Angeles World Airports	4/8/2011	4/7/2018		\$175,000.00	\$0.00	7 Nat. Gas Heavy-Duty Vehicles	\$175,000.00	No
ML09033	City of Beverly Hills	3/4/2011	5/3/2017	5/3/2018	\$550,000.00	\$100,000.00	10 Nat. Gas Heavy-Duty Vehicles & CNG St	\$450,000.00	No
ML09036	City of Long Beach Fleet Services B	5/7/2010	5/6/2017	5/6/2020	\$875,000.00	\$525,000.00	Purchase 35 LNG Refuse Trucks	\$350,000.00	No
ML09047	Los Angeles County Department of	8/13/2014	8/12/2015		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No

Total: 6

Declined/Cancelled Contracts

ML09017	County of San Bernardino Public Wo	1/28/2010	7/27/2016		\$200,000.00	\$0.00	8 Nat. Gas Heavy-Duty Vehicles	\$200,000.00	No
ML09018	Los Angeles Department of Water a	7/16/2010	9/15/2012		\$850,000.00	\$0.00	Retrofit 85 Off-Road Vehicles w/DECS	\$850,000.00	No
ML09019	City of San Juan Capistrano Public	12/4/2009	11/3/2010		\$10,125.00	\$0.00	Remote Vehicle Diagnostics/45 Vehicles	\$10,125.00	No
ML09022	Los Angeles County Department of				\$8,250.00	\$0.00	Remote Vehicle Diagnostics/15 Vehicles	\$8,250.00	No
ML09025	Los Angeles County Department of	10/15/2010	12/14/2012	6/14/2013	\$50,000.00	\$0.00	Remote Vehicle Diagnostics/85 Vehicles	\$50,000.00	No
ML09028	Riverside County Waste Manageme				\$140,000.00	\$0.00	Retrofit 7 Off-Road Vehicles w/DECS	\$140,000.00	No
ML09039	City of Inglewood				\$310,000.00	\$0.00	Purchase 12 H.D. CNG Vehicles and Remot	\$310,000.00	No
ML09040	City of Cathedral City				\$83,125.00	\$0.00	Purchase 3 H.D. CNG Vehicles and Remote	\$83,125.00	No
ML09044	City of San Dimas				\$425,000.00	\$0.00	Install CNG Station and Purchase 1 CNG S	\$425,000.00	No
ML09045	City of Orange				\$125,000.00	\$0.00	Purchase 5 CNG Sweepers	\$125,000.00	No
MS09003	FuelMaker Corporation				\$296,000.00	\$0.00	Home Refueling Apparatus Incentives	\$296,000.00	No

Total: 11

Closed Contracts

ML09007	City of Rancho Cucamonga	2/26/2010	4/25/2012		\$117,500.00	\$62,452.57	Maintenance Facility Modification	\$55,047.43	Yes
ML09013	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$144,470.00	\$128,116.75	Traffic Signal Synchr./Moreno Valley	\$16,353.25	Yes
ML09014	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$113,030.00	\$108,495.94	Traffic Signal Synchr./Corona	\$4,534.06	Yes
ML09015	City of Riverside Public Works	9/10/2010	12/9/2011	7/31/2013	\$80,060.00	\$79,778.52	Traffic Signal Synchr./Co. of Riverside	\$281.48	Yes
ML09016	County of San Bernardino Public Wo	1/28/2010	3/27/2014		\$50,000.00	\$50,000.00	Install New CNG Station	\$0.00	Yes
ML09020	County of San Bernardino	8/16/2010	2/15/2012		\$49,770.00	\$49,770.00	Remote Vehicle Diagnostics/252 Vehicles	\$0.00	Yes
ML09021	City of Palm Desert	7/9/2010	3/8/2012		\$39,450.00	\$38,248.87	Traffic Signal Synchr./Rancho Mirage	\$1,201.13	Yes
ML09024	Los Angeles County Department of	10/15/2010	12/14/2012	6/14/2013	\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
ML09027	Los Angeles County Department of	7/23/2010	3/22/2012	6/22/2012	\$150,000.00	\$150,000.00	Freeway Detector Map Interface	\$0.00	Yes
ML09030	City of Los Angeles GSD/Fleet Servi	6/18/2010	6/17/2011		\$22,310.00	\$22,310.00	Remote Vehicle Diagnostics/107 Vehicles	\$0.00	No
MS09001	Administrative Services Co-Op/Long	3/5/2009	6/30/2012	12/31/2013	\$225,000.00	\$150,000.00	15 CNG Taxicabs	\$75,000.00	Yes
MS09005	Gas Equipment Systems, Inc.	6/19/2009	10/18/2010		\$71,000.00	\$71,000.00	Provide Temp. Fueling for Mountain Area C	\$0.00	Yes

Total: 12

[illegible]

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
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FY 2009-2010 Contracts

Open Contracts

MS10004	Linde LLC	3/2/2012	6/1/2018		\$56,932.00	\$51,237.90	Purchase 6 H.D. CNG Vehicles	\$5,694.10	No
MS10005	Domestic Linen Supply Company, In	10/8/2010	7/7/2016		\$47,444.00	\$0.00	Purchase 5 Gas-Electric Hybrid Vehicles	\$47,444.00	No
MS10006	Nationwide Environmental Services	11/19/2010	4/18/2017	9/18/2019	\$94,887.00	\$85,398.30	Purchase Three Street Sweepers	\$9,488.70	No
MS10015	County of Los Angeles Department o	3/14/2014	5/13/2016		\$37,955.00	\$0.00	Purchase 2 H.D. CNG Vehicles	\$37,955.00	No

Total: 4

Declined/Cancelled Contracts

MS10003	City of Sierra Madre	5/11/2012	3/10/2018		\$13,555.00	\$0.00	Purchase 1 H.D. CNG Vehicle	\$13,555.00	No
MS10013	City of San Bernardino				\$68,834.00	\$0.00	Purchase 9 H.D. LNG Vehicles	\$68,834.00	No
MS10014	Serv-Wel Disposal				\$18,977.00	\$0.00	Purchase 2 H.D. CNG Vehicles	\$18,977.00	No
MS10018	Shaw Transport Inc.				\$81,332.00	\$0.00	Purchase 6 H.D. LNG Vehicles	\$81,332.00	No
MS10022	Los Angeles World Airports				\$123,353.00	\$0.00	Purchase 13 H.D. CNG Vehicles	\$123,353.00	No
MS10023	Dix Leasing				\$105,000.00	\$0.00	Purchase 3 H.D. LNG Vehicles	\$105,000.00	No

Total: 6

Closed Contracts

MS10001	Los Angeles County MTA	3/19/2010	2/28/2011	4/28/2011	\$300,000.00	\$196,790.61	Clean Fuel Transit Bus Service to Dodger St	\$103,209.39	Yes
MS10002	Coachella Valley Association of Gov	6/18/2010	2/17/2011		\$400,000.00	\$400,000.00	Coachella Valley PM10 Reduction Street Sw	\$0.00	Yes
MS10025	Elham Shirazi	2/18/2011	10/17/2012	2/17/2014	\$199,449.00	\$188,413.05	Telework Demonstration Program	\$11,035.95	No

Total: 3

Open/Complete Contracts

MS10007	Enterprise Rent-A-Car Company of L	7/15/2011	10/14/2017		\$18,976.00	\$18,976.00	Purchase 2 H.D. CNG Vehicles	\$0.00	No
MS10008	Republic Services, Inc.	12/10/2010	5/9/2017		\$123,354.00	\$123,354.00	Purchase 4 CNG Refuse Collection Vehicles	\$0.00	Yes
MS10009	Ware Disposal Company, Inc.	10/29/2010	3/28/2017		\$123,353.00	\$123,352.00	Purchase 4 CNG Refuse Trucks	\$1.00	No
MS10010	New Bern Transport Corporation	10/29/2010	3/28/2017		\$113,864.00	\$113,864.00	Repower 4 Heavy-Duty Vehicles	\$0.00	Yes
MS10011	Foothill Transit Agency	3/9/2012	2/8/2018		\$113,865.00	\$113,865.00	Purchase 12 H.D. CNG Vehicles	\$0.00	Yes
MS10012	Foothill Transit Agency	3/9/2012	3/8/2019		\$85,392.00	\$85,392.00	Purchase 9 H.D. Electric Vehicles	\$0.00	Yes
MS10016	Rio Hondo Community College	11/5/2010	5/4/2017		\$16,077.00	\$16,077.00	Purchase 1 CNG Shuttle Bus	\$0.00	Yes
MS10017	Ryder System Inc.	12/30/2011	6/29/2018	12/29/2018	\$651,377.00	\$651,377.00	Purchase 19 H.D. Natural Gas Vehicles	\$0.00	Yes
MS10019	EDCO Disposal Corporation	11/19/2010	2/18/2017		\$379,549.00	\$379,283.81	Purchase 11 H.D. CNG Refuse Trucks	\$265.19	Yes
MS10020	American Reclamation, Inc.	5/6/2011	2/5/2018		\$18,977.00	\$18,977.00	Purchase 1 H.D. CNG Vehicle	\$0.00	Yes
MS10021	City of Glendora	10/29/2010	11/28/2016		\$9,489.00	\$9,489.00	Purchase 1 H.D. CNG Vehicle	\$0.00	Yes
MS10024	Frito-Lay North America	7/29/2011	9/28/2017		\$47,444.00	\$47,444.00	Purchase 5 Electric Vehicles	\$0.00	Yes

Total: 12

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2010-2011 Contracts									
Open Contracts									
ML11020	City of Indio	2/1/2013	3/31/2019		\$30,000.00	\$0.00	Retrofit one H.D. Vehicles w/DECS, repower	\$30,000.00	No
ML11023	City of Rancho Cucamonga	4/20/2012	12/19/2018	9/19/2020	\$260,000.00	\$60,000.00	Expand Existing CNG Station, 2 H.D. Vehicl	\$200,000.00	No
ML11025	County of Los Angeles Department o	3/14/2014	9/13/2021		\$150,000.00	\$0.00	Purchase 5 Nat. Gas H.D. Vehicles	\$150,000.00	No
ML11027	City of Los Angeles, Dept. of Genera	5/4/2012	7/3/2015		\$300,000.00	\$0.00	Maintenance Facility Modifications	\$300,000.00	No
ML11029	City of Santa Ana	9/7/2012	3/6/2020		\$262,500.00	\$0.00	Expansion of Existing CNG Station, Install N	\$262,500.00	No
ML11032	City of Gardena	3/2/2012	9/1/2018		\$102,500.00	\$0.00	Modify Maint. Facility, Expand CNG station,	\$102,500.00	No
ML11034	City of Los Angeles, Department of	5/4/2012	1/3/2019		\$630,000.00	\$0.00	Purchase 21 H.D. CNG Vehicles	\$630,000.00	No
ML11036	City of Riverside	1/27/2012	1/26/2019		\$670,000.00	\$0.00	Install New CNG Station, Purchase 9 H.D. N	\$670,000.00	No
ML11038	City of Santa Monica	5/18/2012	7/17/2018		\$400,000.00	\$0.00	Maintenance Facility Modifications	\$400,000.00	No
ML11040	City of South Pasadena	5/4/2012	1/3/2019		\$30,000.00	\$0.00	Purchase 1 Nat. Gas H.D. Vehicle	\$30,000.00	No
ML11041	City of Santa Ana	9/7/2012	11/6/2018		\$265,000.00	\$34,651.86	Purchase 7 LPG H.D. Vehicles, Retrofit 6 H.	\$230,348.14	No
ML11045	City of Newport Beach	2/3/2012	8/2/2018	8/2/2019	\$30,000.00	\$0.00	Purchase 1 Nat. Gas H.D. Vehicle	\$30,000.00	No
MS11001	Mineral LLC	4/22/2011	4/30/2013	4/30/2015	\$111,827.00	\$97,586.83	Design, Develop, Host and Maintain MSRC	\$14,240.17	No
MS11010	Border Valley Trading	8/26/2011	10/25/2017	4/25/2020	\$150,000.00	\$0.00	New LNG Station	\$150,000.00	No
MS11016	CR&R Incorporated	4/12/2013	10/11/2019		\$100,000.00	\$90,000.00	New CNG Station - Perris	\$10,000.00	No
MS11019	City of Corona	11/29/2012	4/28/2020		\$225,000.00	\$0.00	Expansion of Existing CNG Station	\$225,000.00	No
MS11055	KEC Engineering	2/3/2012	8/2/2018		\$250,000.00	\$180,000.00	Repower 5 H.D. Off-Road Vehicles	\$70,000.00	No
MS11056	The Better World Group	12/30/2011	12/29/2013	12/29/2015	\$196,836.00	\$137,172.69	Programmatic Outreach Services	\$59,663.31	No
MS11060	Rowland Unified School District	8/17/2012	1/16/2019	1/16/2020	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11061	Eastern Municipal Water District	3/29/2012	5/28/2015		\$11,659.00	\$1,450.00	Retrofit One Off-Road Vehicle under Showc	\$10,209.00	No
MS11062	Load Center	9/7/2012	1/6/2016	12/6/2016	\$175,384.00	\$169,883.00	Retrofit Six Off-Road Vehicles under Showc	\$5,501.00	No
MS11065	Temecula Valley Unified School Distr	8/11/2012	1/10/2019		\$50,000.00	\$0.00	Expansion of Existing CNG Station	\$50,000.00	No
MS11067	City of Redlands	5/24/2012	11/23/2018	11/23/2019	\$85,000.00	\$0.00	Expansion of Existing CNG Station	\$85,000.00	No
MS11068	Ryder System Inc.	7/28/2012	10/27/2018		\$175,000.00	\$157,500.00	New Public Access L/CNG Station (Fontana	\$17,500.00	No
MS11069	Ryder System Inc.	7/28/2012	8/27/2018		\$175,000.00	\$157,500.00	New Public Access L/CNG Station (Orange)	\$17,500.00	No
MS11071	City of Torrance Transit Department	12/22/2012	1/21/2019	1/21/2020	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
MS11076	SA Recycling, LLC	5/24/2012	9/23/2015		\$424,801.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$424,801.00	No
MS11081	Metropolitan Stevedore Company	9/7/2012	1/6/2016		\$45,416.00	\$0.00	Install DECS on Two Off-Road Vehicles	\$45,416.00	No
MS11082	Baumot North America, LLC	8/2/2012	12/1/2015		\$65,958.00	\$0.00	Install DECS on Four Off-Road Vehicles	\$65,958.00	No
MS11085	City of Long Beach Fleet Services B	8/23/2013	12/22/2016		\$159,012.00	\$0.00	Retrofit Seven H.D. Off-Road Vehicles Unde	\$159,012.00	No
MS11086	DCL America Inc.	6/7/2013	10/6/2016		\$500,000.00	\$0.00	Retrofit Eight H.D. Off-Road Vehicles Under	\$500,000.00	No
MS11091	California Cartage Company, LLC	4/5/2013	8/4/2016		\$55,000.00	\$0.00	Retrofit Two H.D. Off-Road Vehicles Under	\$55,000.00	No
MS11092	Griffith Company	2/5/2013	6/4/2016		\$390,521.00	\$0.00	Retrofit 17 H.D. Off-Road Vehicles Under Sh	\$390,521.00	No

Total: 33

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
Pending Execution Contracts									
ML11024	County of Los Angeles, Dept of Publi				\$90,000.00	\$0.00	Purchase 3 Nat. Gas H.D. Vehicles	\$90,000.00	No
MS11073	Los Angeles Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
MS11084	Ivanhoe Energy Services and Develo				\$66,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$66,750.00	No
Total: 3									
Declined/Cancelled Contracts									
MS11013	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Huntington Beach	\$150,000.00	No
MS11014	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Santa Ana	\$150,000.00	No
MS11015	Go Natural Gas, Inc.				\$150,000.00	\$0.00	New CNG Station - Inglewood	\$150,000.00	No
MS11046	Luis Castro				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11047	Ivan Borjas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11048	Phase II Transportation				\$1,080,000.00	\$0.00	Repower 27 Heavy-Duty Vehicles	\$1,080,000.00	No
MS11049	Ruben Caceras				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11050	Carlos Arrue				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11051	Francisco Vargas				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11053	Jose Ivan Soltero				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11054	Albino Meza				\$40,000.00	\$0.00	Repower One Heavy-Duty Vehicle	\$40,000.00	No
MS11059	Go Natural Gas				\$150,000.00	\$0.00	New Public Access CNG Station - Paramou	\$150,000.00	No
MS11063	Standard Concrete Products				\$310,825.00	\$0.00	Retrofit Two Off-Road Vehicles under Show	\$310,825.00	No
MS11070	American Honda Motor Company				\$100,000.00	\$0.00	Expansion of Existing CNG Station	\$100,000.00	No
MS11072	Trillium USA Company DBA Californi				\$150,000.00	\$0.00	New Public Access CNG Station	\$150,000.00	No
MS11077	DCL America Inc.				\$263,107.00	\$0.00	Retrofit of 13 Off-Road Diesel Vehicles with	\$263,107.00	No
MS11083	Cattrac Construction, Inc.				\$500,000.00	\$0.00	Install DECS on Eight Off-Road Vehicles	\$500,000.00	No
MS11088	Diesel Emission Technologies				\$32,750.00	\$0.00	Retrofit Three H.D. Off-Road Vehicles Under	\$32,750.00	No
MS11089	Diesel Emission Technologies				\$9,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$9,750.00	No
MS11090	Diesel Emission Technologies				\$14,750.00	\$0.00	Retrofit One H.D. Off-Road Vehicle Under S	\$14,750.00	No
Total: 20									
Closed Contracts									
ML11007	Coachella Valley Association of Gov	7/29/2011	7/28/2012		\$250,000.00	\$249,999.96	Regional PM10 Street Sweeping Program	\$0.04	Yes
ML11035	City of La Quinta	11/18/2011	11/17/2012		\$25,368.00	\$25,368.00	Retrofit 3 On-Road Vehicles w/DECS	\$0.00	Yes
MS11002	A-Z Bus Sales, Inc.	7/15/2011	12/31/2011	6/30/2013	\$1,705,000.00	\$1,705,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	Yes
MS11003	BusWest	7/26/2011	12/31/2011	12/31/2012	\$1,305,000.00	\$1,305,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	Yes
MS11004	Los Angeles County MTA	9/9/2011	2/29/2012		\$450,000.00	\$299,743.34	Clean Fuel Transit Service to Dodger Stadiu	\$150,256.66	Yes
MS11006	Orange County Transportation Autho	10/7/2011	2/29/2012	8/31/2012	\$268,207.00	\$160,713.00	Metrolink Service to Angel Stadium	\$107,494.00	Yes
MS11018	Orange County Transportation Autho	10/14/2011	1/31/2012		\$211,360.00	\$211,360.00	Express Bus Service to Orange County Fair	\$0.00	Yes
MS11052	Krisda Inc	9/27/2012	6/26/2013		\$120,000.00	\$120,000.00	Repower Three Heavy-Duty Vehicles	\$0.00	Yes
MS11057	Riverside County Transportation Co	7/28/2012	3/27/2013		\$100,000.00	\$89,159.40	Develop and Implement 511 "Smart Phone"	\$10,840.60	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS11058	L A Service Authority for Freeway E	5/31/2013	4/30/2014		\$123,395.00	\$123,395.00	Implement 511 "Smart Phone" Application	\$0.00	No
MS11074	SunLine Transit Agency	5/11/2012	7/31/2012		\$41,849.00	\$22,391.00	Transit Service for Coachella Valley Festival	\$19,458.00	Yes
MS11080	Southern California Regional Rail Au	4/6/2012	7/31/2012		\$26,000.00	\$26,000.00	Metrolink Service to Auto Club Speedway	\$0.00	Yes

Total: 12

Closed/Incomplete Contracts

MS11064	City of Hawthorne	7/28/2012	8/27/2018	8/27/2019	\$175,000.00	\$0.00	New Limited Access CNG Station	\$175,000.00	No
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Total: 1

Open/Complete Contracts

ML11021	City of Whittier	1/27/2012	9/26/2018	6/26/2019	\$210,000.00	\$210,000.00	Purchase 7 Nat. Gas H.D. Vehicles	\$0.00	No
ML11022	City of Anaheim	3/16/2012	7/15/2018		\$150,000.00	\$150,000.00	Purchase of 5 H.D. Vehicles	\$0.00	No
ML11026	City of Redlands	3/2/2012	10/1/2018		\$90,000.00	\$90,000.00	Purchase 3 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11028	City of Glendale	1/13/2012	5/12/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. CNG Vehicles	\$0.00	Yes
ML11030	City of Fullerton	2/3/2012	3/2/2018		\$109,200.00	\$109,200.00	Purchase 2 Nat. Gas H.D. Vehicles, Retrofit	\$0.00	Yes
ML11031	City of Culver City Transportation De	12/2/2011	12/1/2018		\$300,000.00	\$300,000.00	Purchase 10 H.D. Nat. Gas Vehicles	\$0.00	Yes
ML11033	City of Los Angeles, Bureau of Sanit	3/16/2012	1/15/2019		\$1,080,000.00	\$1,080,000.00	Purchase 36 LNG H.D. Vehicles	\$0.00	Yes
ML11037	City of Anaheim	12/22/2012	12/21/2019		\$300,000.00	\$300,000.00	Purchase 12 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11039	City of Ontario	1/27/2012	9/26/2018		\$180,000.00	\$180,000.00	Purchase 6 Nat. Gas H.D. Vehicles	\$0.00	Yes
ML11042	City of Chino	2/17/2012	4/16/2018		\$30,000.00	\$30,000.00	Purchase 1 Nat. Gas H.D. Vehicle, Repower	\$0.00	No
ML11043	City of Hemet Public Works	2/3/2012	2/2/2019		\$60,000.00	\$60,000.00	Purchase 2 H.D. Nat. Gas Vehicles	\$0.00	No
ML11044	City of Ontario	1/27/2012	6/26/2019		\$400,000.00	\$400,000.00	Expand Existing CNG Station	\$0.00	Yes
MS11008	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11009	USA Waste of California, Inc.	10/24/2013	4/23/2020		\$125,000.00	\$125,000.00	Expansion of Existing LCNG Station	\$0.00	Yes
MS11011	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Signal Hill	\$0.00	Yes
MS11012	EDCO Disposal Corporation	12/30/2011	4/29/2019		\$100,000.00	\$100,000.00	New CNG Station - Buena Park	\$0.00	Yes
MS11017	CR&R, Inc.	3/2/2012	2/1/2018		\$100,000.00	\$100,000.00	Expansion of existing station - Garden Grov	\$0.00	Yes
MS11066	Torrance Unified School District	11/19/2012	9/18/2018		\$42,296.00	\$42,296.00	Expansion of Existing CNG Station	\$0.00	Yes
MS11079	Bear Valley Unified School District	2/5/2013	10/4/2019		\$175,000.00	\$175,000.00	New Limited Access CNG Station	\$0.00	Yes
MS11087	Cemex Construction Material Pacific,	10/16/2012	2/15/2016		\$448,766.00	\$448,760.80	Retrofit 13 H.D. Off-Road Vehicles Under Sh	\$5.20	Yes

Total: 20

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2011-2012 Contracts									
Open Contracts									
ML12013	City of Pasadena	10/19/2012	3/18/2015		\$200,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$200,000.00	No
ML12014	City of Santa Ana	11/8/2013	8/7/2020		\$384,000.00	\$4,709.00	9 H.D. Nat. Gas & LPG Trucks, EV Charging	\$379,291.00	No
ML12015	City of Fullerton	4/25/2013	11/24/2020		\$40,000.00	\$10,000.00	HD CNG Vehicle, Expand CNG Station	\$30,000.00	No
ML12016	City of Cathedral City	1/4/2013	10/3/2019		\$60,000.00	\$0.00	CNG Vehicle & Electric Vehicle Infrastructur	\$60,000.00	No
ML12017	City of Los Angeles, Bureau of Sanit	6/26/2013	5/25/2020		\$950,000.00	\$0.00	32 H.D. Nat. Gas Vehicles	\$950,000.00	No
ML12018	City of West Covina	10/18/2013	10/17/2020		\$300,000.00	\$0.00	Expansion of Existing CNG Station	\$300,000.00	No
ML12019	City of Palm Springs	9/6/2013	7/5/2015		\$38,000.00	\$0.00	EV Charging Infrastructure	\$38,000.00	No
ML12020	City of Los Angeles, Department of	9/27/2012	3/26/2019		\$450,000.00	\$0.00	15 H.D. Nat. Gas Vehicles	\$450,000.00	No
ML12021	City of Rancho Cucamonga	9/14/2012	1/13/2020		\$40,000.00	\$30,000.00	Four Medium-Duty Nat. Gas Vehicles	\$10,000.00	No
ML12022	City of La Puente	12/6/2013	6/5/2020		\$110,000.00	\$60,000.00	2 Medium-Duty and Three Heavy-Duty CNG	\$50,000.00	No
ML12023	County of Los Angeles Internal Servi	8/1/2013	2/28/2015		\$250,000.00	\$0.00	EV Charging Infrastructure	\$250,000.00	No
ML12041	City of Anaheim Public Utilities Depa	4/4/2014	10/3/2015		\$68,977.00	\$0.00	EV Charging Infrastructure	\$68,977.00	No
ML12043	City of Hemet	6/24/2013	9/23/2019		\$60,000.00	\$0.00	Two Heavy-Duty Nat. Gas Vehicles	\$60,000.00	No
ML12045	City of Baldwin Park DPW	2/14/2014	12/13/2020		\$400,000.00	\$0.00	Install New CNG Station	\$400,000.00	No
ML12046	City of Irvine	8/11/2013	3/10/2021		\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12048	City of La Palma	1/4/2013	11/3/2018		\$20,000.00	\$0.00	Two Medium-Duty LPG Vehicles	\$20,000.00	No
ML12049	City of Rialto Public Works	7/14/2014	9/13/2015		\$30,432.00	\$0.00	EV Charging Infrastructure	\$30,432.00	No
ML12050	City of Baldwin Park	4/25/2013	4/24/2014	10/24/2014	\$402,400.00	\$0.00	EV Charging Infrastructure	\$402,400.00	No
ML12051	City of Bellflower	2/7/2014	2/6/2016		\$270,000.00	\$0.00	EV Charging Infrastructure	\$270,000.00	No
ML12052	City of Whittier	3/14/2013	7/13/2019		\$165,000.00	\$0.00	Expansion of Existing CNG Station	\$165,000.00	No
ML12054	City of Palm Desert	9/30/2013	2/28/2015		\$77,385.00	\$0.00	EV Charging Infrastructure	\$77,385.00	No
ML12057	City of Coachella	8/28/2013	8/27/2019		\$57,456.00	\$0.00	Purchase One Nat. Gas H.D. Vehicle/Street	\$57,456.00	No
ML12066	City of Manhattan Beach	1/7/2014	4/6/2015		\$5,900.00	\$0.00	Electric Vehicle Charging Infrastructure	\$5,900.00	No
MS12001	Los Angeles County MTA	7/1/2012	4/30/2013		\$300,000.00	\$0.00	Clean Fuel Transit Service to Dodger Stadiu	\$300,000.00	No
MS12004	USA Waste of California, Inc.	10/24/2013	11/23/2019		\$175,000.00	\$0.00	Construct New Limited-Access CNG Station	\$175,000.00	No
MS12008	Bonita Unified School District	7/12/2013	12/11/2019		\$175,000.00	\$0.00	Construct New Limited-Acess CNG Station	\$175,000.00	No
MS12009	Sysco Food Services of Los Angeles	1/7/2014	4/6/2020		\$150,000.00	\$0.00	Construct New Public-Access CNG Station	\$150,000.00	No
MS12011	Southern California Gas Company	6/14/2013	6/13/2019	6/13/2020	\$150,000.00	\$0.00	Construct New Public-Access CNG Station -	\$150,000.00	No
MS12024	Southern California Gas Company	6/13/2013	12/12/2019		\$150,000.00	\$0.00	Construct New Public-Access CNG Station -	\$150,000.00	No
MS12027	C.V. Ice Company, Inc.	5/17/2013	11/16/2019		\$75,000.00	\$0.00	Purchase 3 Medium-Heavy Duty Vehicles	\$75,000.00	No
MS12029	Community Action Partnership of Or	11/2/2012	11/1/2018		\$25,000.00	\$14,850.00	Purchase 1 Medium-Heavy Duty Vehicle	\$10,150.00	No
MS12031	Final Assembly, Inc.	11/2/2012	11/1/2018		\$100,000.00	\$29,201.40	Purchase 4 Medium-Heavy Duty Vehicles	\$70,798.60	No
MS12033	Mike Diamond/Phace Management	12/22/2012	12/21/2018		\$500,000.00	\$21,735.00	Purchase 20 Medium-Heavy Duty Vehicles	\$478,265.00	No
MS12034	Ware Disposal Company, Inc.	11/2/2012	11/1/2018		\$133,070.00	\$74,763.00	Purchase 8 Medium-Heavy Duty Vehicles	\$58,307.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12060	City of Santa Monica	4/4/2014	8/3/2017		\$500,000.00	\$0.00	Transit-Oriented Bicycle Sharing Program	\$500,000.00	No
MS12061	Orange County Transportation Autho	3/14/2014	3/13/2017		\$224,000.00	\$81,604.80	Transit-Oriented Bicycle Sharing Program	\$142,395.20	No
MS12064	Anaheim Transportation Network	3/26/2013	12/31/2014		\$127,296.00	\$46,944.56	Implement Anaheim Circulator Service	\$80,351.44	No
MS12067	Leatherwood Construction, Inc.	11/8/2013	3/7/2017		\$122,719.00	\$0.00	Retrofit Six Vehicles w/DECS - Showcase III	\$122,719.00	No
MS12072	99 Cents Only Stores	4/5/2013	9/4/2019		\$100,000.00	\$0.00	Construct New CNG Station	\$100,000.00	No
MS12073	FirstCNG, LLC	7/27/2013	12/26/2019		\$150,000.00	\$0.00	Construct New CNG Station	\$150,000.00	No
MS12075	CR&R Incorporated	7/27/2013	1/26/2021		\$100,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$100,000.00	No
MS12076	City of Ontario	3/8/2013	4/7/2015		\$75,000.00	\$0.00	Maintenance Facilities Modification	\$75,000.00	No
MS12077	City of Coachella	6/14/2013	6/13/2020		\$225,000.00	\$0.00	Construct New CNG Station	\$225,000.00	No
MS12078	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$0.00	Maintenance Facility Modifications - Vernon	\$75,000.00	No
MS12079	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$0.00	Maintenance Facility Modifications - Boyle H	\$75,000.00	No
MS12080	City of Pasadena	11/8/2013	8/7/2020		\$225,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$225,000.00	No
MS12081	Penske Truck Leasing Co., L.P.	1/7/2014	1/6/2016		\$75,000.00	\$0.00	Maintenance Facility Modifications - Santa A	\$75,000.00	No
MS12082	City of Los Angeles, Bureau of Sanit	11/20/2013	2/19/2021		\$175,000.00	\$0.00	Install New CNG Infrastructure	\$175,000.00	No
MS12084	Airport Mobil Inc.	12/6/2013	5/5/2020		\$150,000.00	\$0.00	Install New CNG Infrastructure	\$150,000.00	No
MS12086	SuperShuttle International, Inc.	3/26/2013	3/25/2019		\$225,000.00	\$202,500.00	Purchase 23 Medium-Heavy Duty Vehicles	\$22,500.00	No
MS12087	Los Angeles County MTA	8/29/2013	11/28/2015		\$125,000.00	\$125,000.00	Implement Rideshare Incentives Program	\$0.00	Yes
MS12088	Orange County Transportation Autho	12/6/2013	3/5/2016		\$125,000.00	\$0.00	Implement Rideshare Incentives Program	\$125,000.00	No
MS12089	Riverside County Transportation Co	10/18/2013	9/17/2015		\$250,000.00	\$0.00	Implement Rideshare Incentives Program	\$250,000.00	No
MS12Hom	Mansfield Gas Equipment Systems				\$296,000.00	\$0.00	Home Refueling Apparatus Incentive Progra	\$296,000.00	No

Total: 54

Pending Execution Contracts

MS12083	Brea Olinda Unified School District				\$59,454.00	\$0.00	Install New CNG Infrastructure	\$59,454.00	No
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Total: 1

Declined/Cancelled Contracts

ML12038	City of Long Beach Public Works				\$26,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$26,000.00	No
ML12040	City of Duarte Transit				\$30,000.00	\$0.00	One Heavy-Duty Nat. Gas Vehicle	\$30,000.00	No
ML12044	County of San Bernardino Public Wo				\$250,000.00	\$0.00	Install New CNG Station	\$250,000.00	No
ML12053	City of Mission Viejo				\$60,000.00	\$0.00	EV Charging Infrastructure	\$60,000.00	No
MS12007	WestAir Gases & Equipment				\$100,000.00	\$0.00	Construct New Limited-Acess CNG Station	\$100,000.00	No
MS12030	Complete Landscape Care, Inc.				\$150,000.00	\$0.00	Purchase 6 Medium-Heavy Duty Vehicles	\$150,000.00	No
MS12070	Valley Music Travel/CID Entertainme				\$99,000.00	\$0.00	Implement Shuttle Service to Coachella Mus	\$99,000.00	No

Total: 7

Closed Contracts

ML12037	Coachella Valley Association of Gov	3/14/2013	3/13/2014		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML12056	City of Cathedral City	3/26/2013	5/25/2014		\$25,000.00	\$25,000.00	Regional Street Sweeping Program	\$0.00	Yes
MS12002	Orange County Transportation Autho	9/7/2012	4/30/2013		\$342,340.00	\$333,185.13	Express Bus Service to Orange County Fair	\$9,154.87	Yes

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS12003	Orange County Transportation Autho	7/20/2012	2/28/2013		\$234,669.00	\$167,665.12	Implement Metrolink Service to Angel Stadiu	\$67,003.88	Yes
MS12005	USA Waste of California, Inc.	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12006	Waste Management Collection & Re	10/19/2012	8/18/2013		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12012	Rim of the World Unified School Dist	12/20/2012	5/19/2014		\$75,000.00	\$75,000.00	Vehicle Maintenance Facility Modifications	\$0.00	Yes
MS12059	Orange County Transportation Autho	2/28/2013	12/27/2014		\$75,000.00	\$75,000.00	Maintenance Facilities Modifications	\$0.00	No
MS12062	Fraser Communications	12/7/2012	5/31/2014		\$998,669.00	\$989,218.49	Develop & Implement "Rideshare Thursday"	\$9,450.51	Yes
MS12065	Orange County Transportation Autho	7/27/2013	11/30/2013		\$43,933.00	\$14,832.93	Ducks Express Service to Honda Center	\$29,100.07	Yes
MS12068	Southern California Regional Rail Au	3/1/2013	9/30/2013		\$57,363.00	\$47,587.10	Implement Metrolink Service to Autoclub Sp	\$9,775.90	Yes
MS12069	City of Irvine	8/11/2013	2/28/2014		\$45,000.00	\$26,649.41	Implement Special Transit Service to Solar	\$18,350.59	Yes
MS12085	Bear Valley Unified School District	4/25/2013	6/24/2014		\$75,000.00	\$75,000.00	Maintenance Facility Modifications	\$0.00	Yes

Total: 13

Open/Complete Contracts									
ML12039	City of Redlands	2/8/2013	10/7/2019		\$90,000.00	\$90,000.00	Three Heavy-Duty Nat. Gas Vehicles	\$0.00	No
ML12042	City of Chino Hills	1/18/2013	3/17/2017		\$87,500.00	\$87,500.00	Expansion of Existing CNG Station	\$0.00	Yes
ML12047	City of Orange	2/1/2013	1/31/2019		\$30,000.00	\$30,000.00	One Heavy-Duty Nat. Gas Vehicle	\$0.00	No
ML12055	City of Manhattan Beach	3/1/2013	12/31/2018		\$10,000.00	\$10,000.00	One Medium-Duty Nat. Gas Vehicle	\$0.00	Yes
MS12010	Murrieta Valley Unified School Distric	4/5/2013	9/4/2019		\$242,786.00	\$242,786.00	Construct New Limited-Access CNG Station	\$0.00	No
MS12025	Silverado Stages, Inc.	11/2/2012	7/1/2018		\$150,000.00	\$150,000.00	Purchase Six Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12026	U-Haul Company of California	3/14/2013	3/13/2019		\$500,000.00	\$353,048.26	Purchase 23 Medium-Heavy Duty Vehicles	\$146,951.74	Yes
MS12028	Dy-Dee Service of Pasadena, Inc.	12/22/2012	1/21/2019		\$45,000.00	\$40,000.00	Purchase 2 Medium-Duty and 1 Medium-He	\$5,000.00	Yes
MS12032	Fox Transportation	12/14/2012	12/13/2018		\$500,000.00	\$500,000.00	Purchase 20 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12035	Disneyland Resort	1/4/2013	7/3/2019		\$25,000.00	\$18,900.00	Purchase 1 Medium-Heavy Duty Vehicle	\$6,100.00	Yes
MS12036	Jim & Doug Carter's Automotive/VS	1/4/2013	11/3/2018		\$50,000.00	\$50,000.00	Purchase 2 Medium-Heavy Duty Vehicles	\$0.00	Yes
MS12058	Krisda Inc	4/24/2013	1/23/2019		\$25,000.00	\$25,000.00	Repower One Heavy-Duty Off-Road Vehicle	\$0.00	Yes
MS12063	Custom Alloy Light Metals, Inc.	8/16/2013	2/15/2020		\$100,000.00	\$100,000.00	Install New Limited Access CNG Station	\$0.00	Yes
MS12071	Transit Systems Unlimited, Inc.	5/17/2013	12/16/2018		\$21,250.00	\$21,250.00	Expansion of Existing CNG Station	\$0.00	Yes
MS12074	Arcadia Unified School District	7/5/2013	9/4/2019		\$175,000.00	\$175,000.00	Expansion of Existing CNG Infrastructure	\$0.00	No

Total: 15

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
FY 2012-2014 Contracts									
Open Contracts									
ML14010	City of Cathedral City	8/13/2014	10/12/2015		\$25,000.00	\$0.00	Street Sweeping Operations	\$25,000.00	No
ML14011	City of Palm Springs	6/13/2014	1/12/2016		\$79,000.00	\$0.00	Bicycle Racks, Bicycle Outreach & Educatio	\$79,000.00	No
ML14014	City of Torrance	9/5/2014	12/4/2019		\$56,000.00	\$0.00	EV Charging Infrastructure	\$56,000.00	No
ML14015	Coachella Valley Association of Gov	6/6/2014	9/5/2015		\$250,000.00	\$250,000.00	Street Sweeping Operations	\$0.00	Yes
ML14020	County of Los Angeles Dept of Publi	8/13/2014	1/12/2018		\$150,000.00	\$0.00	San Gabriel BikeTrail Underpass Improvem	\$150,000.00	No
ML14021	Riverside County Regional Park and	7/24/2014	12/23/2016		\$250,000.00	\$0.00	Bicycle Trail Improvements	\$250,000.00	No
ML14028	City of Fullerton	9/5/2014	1/4/2022		\$126,950.00	\$0.00	Expansion of Exisiting CNG Infrastructure	\$126,950.00	No
ML14029	City of Irvine	7/11/2014	6/10/2017		\$90,500.00	\$0.00	Bicycle Trail Improvements	\$90,500.00	No
ML14031	Riverside County Waste Manageme	6/13/2014	12/12/2020		\$90,000.00	\$0.00	Purchase 3 H.D. CNG Vehicles	\$90,000.00	No
ML14033	City of Irvine	7/11/2014	2/10/2021		\$60,000.00	\$0.00	Purchase 2 H.D. CNG Vehicles	\$60,000.00	No
ML14034	City of Lake Elsinore	9/5/2014	5/4/2021		\$56,700.00	\$0.00	EV Charging Stations	\$56,700.00	No
ML14049	City of Moreno Valley	7/11/2014	3/10/2021		\$105,000.00	\$0.00	One HD Nat Gas Vehicle, EV Charging, Bicy	\$105,000.00	No
ML14050	City of Yucaipa	7/11/2014	9/10/2015		\$84,795.00	\$0.00	Installation of Bicycle Lanes	\$84,795.00	No
ML14051	City of Brea	9/5/2014	1/4/2017		\$450,000.00	\$0.00	Installation of Bicycle Trail	\$450,000.00	No
ML14055	City of Highland	10/10/2014	3/9/2018		\$500,000.00	\$0.00	Bicycle Lanes and Outreach	\$500,000.00	No
ML14056	City of Redlands	9/5/2014	5/4/2016		\$125,000.00	\$0.00	Bicycle Lanes	\$125,000.00	No
ML14064	City of Claremont	7/11/2014	7/10/2020		\$60,000.00	\$0.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$60,000.00	No
ML14065	City of Orange	9/5/2014	8/4/2015		\$10,000.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,000.00	No
ML14066	City of South Pasadena	9/12/2014	7/11/2016		\$142,096.00	\$0.00	Bicycle Trail Improvements	\$142,096.00	No
ML14068	City of South Pasadena	9/12/2014	10/11/2015		\$10,183.00	\$0.00	Electric Vehicle Charging Infrastructure	\$10,183.00	No
ML14072	City of Cathedral City	8/13/2014	1/12/2021		\$136,000.00	\$0.00	Medium & H.D. Vehicles, EV Charging, Bike	\$136,000.00	No
MS14002	Orange County Transportation Autho	9/6/2013	4/30/2014		\$576,833.00	\$576,833.00	Clean Fuel Transit Service to Orange Count	\$0.00	No
MS14003	Orange County Transportation Autho	8/1/2013	4/30/2014	10/30/2014	\$194,235.00	\$184,523.00	Implement Metrolink Service to Angel Stadiu	\$9,712.00	No
MS14004	Orange County Transportation Autho	9/24/2013	4/30/2014		\$36,800.00	\$35,485.23	Implement Express Bus Service to Solar De	\$1,314.77	No
MS14005	Transit Systems Unlimited, Inc.	4/11/2014	2/28/2016		\$515,200.00	\$253,920.00	Provide Expanded Shuttle Service to Hollyw	\$261,280.00	No
MS14007	Orange County Transportation Autho	6/6/2014	4/30/2015		\$208,520.00	\$0.00	Implement Special Metrolink Service to Ang	\$208,520.00	No
MS14008	Orange County Transportation Autho	8/13/2014	5/31/2015		\$601,187.00	\$0.00	Implement Clean Fuel Bus Service to Orang	\$601,187.00	No
MS14009	A-Z Bus Sales, Inc.	1/17/2014	12/31/2014		\$250,000.00	\$250,000.00	Alternative Fuel School Bus Incentive Progr	\$0.00	No
MS14042	Grand Central Recycling & Transfer	6/6/2014	9/5/2021		\$150,000.00	\$0.00	Expansion of Existing CNG Station	\$150,000.00	No
MS14045	TIMCO CNG Fund I, LLC	6/6/2014	12/5/2020		\$150,000.00	\$0.00	New Public-Access CNG Station in Inglewoo	\$150,000.00	No
MS14046	Ontario CNG Station Inc.	5/15/2014	5/14/2020		\$150,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$150,000.00	No
MS14047	Southern California Regional Rail Au	3/7/2014	9/30/2014		\$49,203.00	\$32,067.04	Special Metrolink Service to Autoclub Speed	\$17,135.96	No
MS14048	BusWest	3/14/2014	12/31/2014		\$444,850.00	\$444,850.00	Alternative Fuel School Bus Incentive Progr	\$0.00	No
MS14052	Arcadia Unified School District	6/13/2014	10/12/2020		\$78,000.00	\$0.00	Expansion of an Existing CNG Fueling Statio	\$78,000.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14058	Orange County Transportation Autho	11/7/2014	4/6/2016		\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14059	Riverside County Transportation Co	9/5/2014	3/4/2018		\$939,625.00	\$0.00	Implement Various Signal Synchronization P	\$939,625.00	No
Total: 36									
Pending Execution Contracts									
ML14012	City of Santa Ana				\$244,000.00	\$0.00	EV Charging and 7 H.D. LPG Vehicles	\$244,000.00	No
ML14013	City of Los Angeles, Bureau of Sanit				\$3,840,000.00	\$0.00	Purchase 128 H.D. Nat. Gas Vehicles	\$3,840,000.00	No
ML14016	City of Anaheim				\$380,000.00	\$0.00	Purchase 2 H.D. Vehicles, Expansion of Exi	\$380,000.00	No
ML14018	City of Los Angeles, Department of				\$810,000.00	\$0.00	Purchase 27 H.D. Nat. Gas Vehicles	\$810,000.00	No
ML14019	City of Corona Public Works				\$178,263.00	\$0.00	EV Charging, Bicycle Racks, Bicycle Locker	\$178,263.00	No
ML14022	County of Los Angeles Department o				\$300,000.00	\$0.00	Purchase 10 H.D. Nat. Gas Vehicles	\$300,000.00	No
ML14023	County of Los Angeles Department o				\$230,000.00	\$0.00	Maintenance Fac. Modifications-Westcheste	\$230,000.00	No
ML14024	County of Los Angeles Department o				\$230,000.00	\$0.00	Maintenance Fac. Modifications-Baldwin Par	\$230,000.00	No
ML14025	County of Los Angeles Dept of Publi				\$500,000.00	\$0.00	Construct New CNG Station in Malibu	\$500,000.00	No
ML14026	County of Los Angeles Dept of Publi				\$500,000.00	\$0.00	Construct New CNG Station in Castaic	\$500,000.00	No
ML14027	County of Los Angeles Dept of Publi				\$500,000.00	\$0.00	Construct New CNG Station in Downey	\$500,000.00	No
ML14030	County of Los Angeles Internal Servi				\$425,000.00	\$0.00	Bicycle Racks, Outreach & Education	\$425,000.00	No
ML14032	City of Rancho Cucamonga				\$226,770.00	\$0.00	Expansion of Existing CNG Infrass., Bicycle L	\$226,770.00	No
ML14054	City of Torrance				\$350,000.00	\$0.00	Upgrade Maintenance Facility	\$350,000.00	No
ML14060	County of Los Angeles Internal Servi				\$104,400.00	\$0.00	Electric Vehicle Charging Infrastructure	\$104,400.00	No
ML14061	City of La Habra				\$60,000.00	\$0.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$60,000.00	No
ML14062	City of San Fernando				\$500,000.00	\$0.00	Construct New CNG Fueling Station	\$500,000.00	No
ML14067	City of Duarte Transit				\$60,000.00	\$0.00	Purchase Two Heavy-Duty Nat. Gas Vehicle	\$60,000.00	No
ML14069	City of Beaumont				\$200,000.00	\$0.00	Construct New CNG Infrastructure	\$200,000.00	No
ML14070	City of Rancho Cucamonga				\$365,245.00	\$0.00	Bicycle Trail Improvements	\$365,245.00	No
ML14071	City of Manhattan Beach				\$22,485.00	\$0.00	Electric Vehicle Charging Infrastructure	\$22,485.00	No
MS14001	Los Angeles County MTA				\$1,227,450.00	\$0.00	Clean Fuel Transit Service to Dodger Stadiu	\$1,227,450.00	No
MS14035	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Sun Valle	\$75,000.00	No
MS14036	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - La Mirad	\$75,000.00	No
MS14037	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Carson	\$75,000.00	No
MS14038	Penske Truck Leasing Co., L.P.				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Fontana	\$75,000.00	No
MS14039	Waste Management Collection and				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Irvine	\$75,000.00	No
MS14040	Waste Management Collection and				\$75,000.00	\$0.00	Vehicle Maint. Fac. Modifications - Santa An	\$75,000.00	No
MS14041	USA Waste of California, Inc.				\$175,000.00	\$0.00	Limited-Access CNG Station, Vehicle Maint.	\$175,000.00	No
MS14053	Upland Unified School District				\$175,000.00	\$0.00	Expansion of Existing CNG Infrastructure	\$175,000.00	No
MS14057	Los Angeles County MTA				\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14072	San Bernardino Associated Govern				\$1,250,000.00	\$0.00	Implement Various Signal Synchronization P	\$1,250,000.00	No
MS14073	Anaheim Transportation Network				\$221,312.00	\$0.00	Anaheim Resort Circulator Service	\$221,312.00	No

Cont.#	Contractor	Start Date	Original End Date	Amended End Date	Contract Value	Remitted	Project Description	Award Balance	Billing Complete?
MS14074	Midway City Sanitary District				\$250,000.00	\$0.00	Limited-Access CNG Station & Facility Modif	\$250,000.00	No
Total: 34									
Declined/Cancelled Contracts									
ML14063	City of Hawthorne				\$32,000.00	\$0.00	Expansion of Existng CNG Infrastructure	\$32,000.00	No
MS14043	City of Anaheim				\$175,000.00	\$0.00	Expansion of Existing CNG Station	\$175,000.00	No
Total: 2									
Open/Complete Contracts									
MS14044	TIMCO CNG Fund I, LLC	5/2/2014	11/1/2020		\$150,000.00	\$150,000.00	New Public-Access CNG Station in Santa A	\$0.00	Yes
Total: 1									