MEETING NOTICE
AND AGENDA

ENERGY WORKING GROUP
The Energy Working Group may take action on any item appearing on this agenda.

Thursday, September 24, 2009
11:30 a.m. to 1:00 p.m.
SANDAG Board Room, 7th Floor
401 B Street, Suite 800
San Diego, CA 92101-4231

Staff Contact: Susan Freedman
(619) 699-7387
sfr@sandag.org

AGENDA HIGHLIGHTS
• REGIONAL ENERGY STRATEGY UPDATE
• SAN DIEGO GAS & ELECTRIC DEMAND RATES

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To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.
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1. **WELCOME AND INTRODUCTIONS**

2. **SUMMARY OF AUGUST 27, 2009, ENERGY WORKING GROUP MEETING**

   The August 27, 2009, meeting summary is attached for the Energy Working Group (EWG) review and approval.

3. **PUBLIC COMMENT**

   Members of the public who would like to address the EWG on a topic not on the agenda should do so at this time. Speakers are limited to three minutes each.

4. **SAN DIEGO GAS & ELECTRIC DEMAND RATES (20 MIN) DISCUSSION**

   In response to a request by the SANDAG Board of Directors (BOD) at its June 26, 2009, meeting, San Diego Gas & Electric (SDG&E) will make a presentation on its demand rates to the EWG. After briefing the EWG, SDG&E will discuss its demand rates before the SANDAG Regional Planning Committee and the BOD.

5. **REGIONAL ENERGY STRATEGY UPDATE (60 MIN) DISCUSSION**

   The EWG will continue its discussions of the Regional Energy Strategy (RES) Update. A revised draft of the RES Update will be distributed to the EWG prior to the meeting. Staff will ask the EWG to provide input on recommended actions that deserve priority for implementation following completion of the RES update, and provide comment on outstanding issues with the draft. At its October meeting, the EWG will be asked to make a recommendation on the RES Update to the Regional Planning Committee.

6. **PROGRESS REPORT ON CALIFORNIA ENERGY COMMISSION PARTNERSHIP (5 MIN)**

   The EWG oversees the development of energy planning products for the SANDAG-California Energy Commission partnership. Attached is a progress report on the four primary projects: Regional Energy Strategy Update, Regional Climate Action Plan, Regional Alternative Fuels Report, and Sustainable Region Program.
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<td>+7.</td>
<td>ETEC / NISSAN NORTH AMERICA STIMULUS PROJECT (5 MIN) INFORMATION</td>
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<td>ETEC and Nissan North America were awarded a stimulus grant from the U.S. Department of Energy that will bring electric vehicles and charging infrastructure to the San Diego region. A press release from SDG&amp;E, SANDAG, and ETEC is attached.</td>
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<td>SOLAR ENERGY WEEK INFORMATION</td>
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<td>The California Center for Sustainable Energy's 5th annual Solar Energy Week will run Sunday, September 27, through Saturday, October 3, 2009. Highlights include family solar day, a solar conference, and solar tours. More information can be obtained from the attached flyer or online at: <a href="http://www.solarenergyweek.org">www.solarenergyweek.org</a>.</td>
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<td>9.</td>
<td>SCHEDULING AGENDA ITEMS FOR FUTURE MEETINGS DISCUSSION</td>
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<td>EWG members are invited to suggest topics for the upcoming meeting on October 22, 2009. Regional Energy Strategy Update and Regional Climate Action Plan development will continue to be primary agenda items.</td>
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<td>10.</td>
<td>ADJOURN</td>
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+ next to an item indicates an attachment
SUMMARY OF AUGUST 27, 2009, ENERGY WORKING GROUP MEETING

AGENDA ITEM #1: WELCOME AND INTRODUCTIONS

EWG Chairwoman Carrie Downey, City of Coronado, called the meeting to order at 11:36 a.m.

AGENDA ITEM #2: SUMMARY OF JUNE 25, 2009, MEETING

After making no corrections, the June 25, 2009, meeting summary was unanimously approved.

AGENDA ITEM #3: PUBLIC COMMENT AND COMMUNICATIONS

Orien Carr from CompuCom spoke of his company’s energy-saving services for IT data centers and how federal economic stimulus funds are available to make such energy-saving improvements. Chairwoman Downey congratulated Sempra Energy on being ranked the Country’s Smartest Utility Operator by Intelligent Utility Magazine.

AGENDA ITEM #4: STATE LEGISLATIVE BILLS

Andrew Martin, SANDAG, briefed the EWG on the current status of the state energy-related bills. He stated that the Regional Planning Committee asked the EWG to evaluate AB 1106. Since it is now a two-year bill, staff recommended postponing discussion to a future meeting.

Chairwoman Downey noted that the majority of the bills being monitored have been suspended or are now two-year bills. She asked EWG members to inform SANDAG staff of any bills they would like staff to follow-up on or any major developments.

AGENDA ITEM #5: REGIONAL ENERGY STRATEGY (RES) UPDATE

Susan Freedman presented an overview of comments received to-date on the preliminary draft of the Regional Energy Strategy (RES) Update, which was released on July 31, 2009, for public review. Due to multiple requests for additional time to provide feedback, staff asked that further comments be provided by September 14, 2009.
Based on the comments received, Ms. Freedman summarized the following proposed revisions to the preliminary draft:

- Improve linkages within the different topics in the RES as well as links to related SANDAG plans and programs.
- Clarify the focus on local and regional government actions.
- Improve consistency among the goals, targets, and recommended actions.
- Highlight priority recommended actions for implementation in the beginning of the document.
- Formatting and other improvements related to tables and graphics.

Mr. Martin added that a commonly asked question was whether the focus of the plan is on everything that could be done or is it just looking at cost-effective measures only. He affirmed that the latter is the case and stated that this is a point to be clarified. He additionally mentioned that staff had received requests for SANDAG to utilize Web/on-line applications, such as Facebook and Google Docs, to take public comments digitally.

Chairwoman Downey inquired about the release dates of the RES and the Regional Climate Action Plan (RCAP). Ms. Freedman responded that the RES is expected to be considered by the SANDAG Board of Directors (Board) in November or December of this year, with the RCAP scheduled for January 2010. Ms. Freedman noted that the EWG may want to consider consolidating the RES and RCAP into a single plan in the future since the topics are so closely related. Chairwoman Downey added that she understands the public’s confusion regarding why SANDAG is developing the RES and the Regional Climate Action Plan (RCAP) separately and that consolidating the plans is something to think about; however, she stated that at the moment it is important to have two separate plans due to the fact that each plan is addressing issues that are beyond the scope of the other. She would like the documents to clearly explain their relationship to each other.

Mike Evans, Regional Chamber of Commerce, would like the plans to distinguish between SANDAG’s legal obligations and other actions that contribute to region-wide goals but are not necessarily mandated. Peter Livingston, County of San Diego, mentioned that the County’s Strategic Energy Plan will be presented to their Board for approval on September 15 and that they will start developing a regional climate action plan in the last quarter of this calendar year.

Lesa Heebner, City of Solana Beach, recommended a number of changes to the RES Update, and provided a copy of them to staff. With respect to the goal for Natural Gas, Chairwoman Downey did not see a problem mentioning power plant replacement in the goal. Mr. Evans commented on the efficiency/inefficiency of power plants as it relates to capacity factors and emphasized the need to improve the overall utilization of natural gas.

Andrew McAllister, CCSE, noted that an important point to be included in the strategy is related to grid optimization, specifically the impact of electric vehicles on the grid. If heavy electrification of the transportation sector is expected or likely, then that should be explicitly stated and addressed in the RES. Chairwoman Downey added that nighttime versus daytime electric vehicle charging deserves consideration since their effects on the grid are significantly different, and that an SDG&E pilot program will provide results useful to addressing this topic in the future.
In noting other RES comments, Ms. Freedman stated that the San Diego Regional Chamber of Commerce suggested focusing the Energy Efficiency section on the commercial and residential sectors and not the industrial sector.

Mr. Martin noted that the public expressed a desire for SANDAG to examine the feed-in tariff issue, and support legislation that would benefit the region. Chairwoman Downey stated that this may require an off-cycle EWG meeting to consider all the options so that SANDAG can take a proactive stand. Mr. McAllister noted that the complex feed-in tariff issue essentially derives from a difference between two general approaches: cost-based and cost-avoidance. He recommended that the EWG take a position between the cost-base approach represented by AB 1106 and the avoidance cost-base approach in AB 1132 because those two bills have not been reconciled. Chairwoman Downey stated that this issue should be taken up in the October meeting.

Scott Anders, EPIC, inquired whether it is the presumption that the EWG will support a feed-in tariff or is this discussion about desired outcomes with the recognition that there are multiple ways to get there and that feed-in tariffs may not be the only way to accomplish what the EWG seek to accomplish. Chairwoman Downey responded the Board has given the EWG direction that some version of a feed-in tariff is needed; however, this presumption may be decided to be inaccurate when the EWG discuss this issue in October.

Donna Frye, City of San Diego, inquired about the footnote in Table 3 of the Energy and Water chapter that states, “The conservation, recycling, and desalination scenarios assume the additional 100,000 acre-feet of water does not require treatment.” She found this to be a faulty assumption and asked that staff revise and clarify this point.

Ms. Frye requested that in the Reclamation section of the Water and Energy chapter to: (1) mention the City of San Diego’s Indirect Potable Re-Use (IPR) Project; (2) include environmental impacts as a factor to consider in evaluating water sources to meet future demand in the region in addition to energy, reliability, cost, and region control; and (3) discuss soil types and landscaping as a means for water conservation. She noted that the Recommended Actions do not address reducing the need to provide more water nor identify ways to live within the amount of water that has been allocated for use; she expressed that simply looking at ways to provide more water to continue bad practices is unacceptable and behavioral changes are necessary.

Dave Carey, Port of San Diego, noted that the 2006 data for Table 2, Electricity Resource Mix for California and SDG&E, is out-of-date and needs to be updated since 2009 information is currently available. Ms. Freedman stated that she has contacted SDG&E to obtain the updated numbers.

Mr. Martin reported that staff received public comment that the primary explanation for why the amount of renewable energy power is not greater is a high rate of project failure caused by developer inexperience. Chairwoman Downey suggested identifying areas in the region that would not generate negative feedback if projects were to be cited there. Mr. McAllister stated that it may be useful for SANDAG to sponsor and guide a study that looks into streamlining the permitting process.
Ms. Heebner noted that under Land Use and Transportation Planning, the paragraph being with “In addition, exposed urban surfaces like roofs and pavement absorb heat and cause surface and air temperature in developed areas to become warmer in undeveloped areas through a process known as the urban heat effect…” seems out of place and staff should consider removing it.

Mr. Evans noted that local governments have the ability to standardize building codes across the region. Chairwoman Downey noted that she does not believe that SANDAG has the expertise to do that and that there are other industry groups within the state that are looking into building codes and coming up with that. Mr. McAllister mentioned that the California Solar Energy Industries Association (CALSEIA) is aware of this issue as it relates to solar, but it is a jurisdictional issue that requires long-term education. Chairwoman Downey suggested that a recommendation may be that the local governments and the region look into the practices so that when they are established and there is buy-in from the industry and experts, local governments could adopt them.

Mike Bullock, member of the public, addressed the EWG on the need to comprehensively cover transportation and land use in the RES. He recommended devoting 50 percent of the RES to this topic. To assist staff with implementing the changes, Mr. Bullock had submitted four detailed sections relating to: transit system redesign and expansion; universal unbundling of the cost of parking; comprehensive road use fee pricing system; and education and projects to support bicycle transportation.

Chairwoman Downey thanked Mr. Bullock for his comments and encouraged members of the public and the EWG to e-mail any additional comments on the RES to Ms. Freedman by September 14.

**AGENDA ITEM #6: REGIONAL CLIMATE ACTION PLAN**

Mr. Martin reported on the progress of the Regional Climate Action Plan (RCAP) to date. The purpose of the RCAP is to help SANDAG develop a Sustainable Communities Strategy in the next Regional Transportation Plan, address the highest categories of greenhouse gas emission in the region: transportation, electricity, and natural gas end-use, and identify and prepare for the regional impacts of climate change. The RCAP will focus on measures that regional and local governments can influence. Staff will again update the EWG on the progress of the RCAP in September. A preliminary draft is anticipated for public review in October and a final plan is scheduled to be considered by the Board of Directors in January 2010.

Mr. Evans recalled previous discussions regarding the guiding principles of the RCAP and inquired if the EWG will revisit them before the release of the draft. Chairwoman Downey requested that the guiding principles that the group has agreed upon be sent to EWG members to ensure that everyone knows what they are and, if necessary, address any issues at the next EWG meeting.

Ms. Heebner requested that Mr. Martin’s presentation be sent to the Working Group; and suggested clarifying whether the principle, Minimize Greenhouse Gas Emissions from Vehicle Trips, is addressing Transit Demand Management (TDM) and/or the efficiency of cars. She noted that there are three areas to be addressed here: (1) designing communities for walking, biking, and public transit; (2) TDM measures; and (3) efficiency of cars. Mr. Martin responded that staff will look into that.
Ms. Frye stated that it would be helpful to include examples of successful smart growth areas and quantifiable evidence since there is a lot of reference to smart growth in the plan; and requested a copy of SANDAG Smart Growth Concept Map. Ms. Frye also remarked that if the EWG is saying that they are going to enact smart growth measures then there must be some quantifiable way to measure it. She stated that the smart growth concept is great; however, the goal is to try to develop a way of actually achieving the outcomes that are being discussed. David Grubb, Sierra Club, stated that the proof is evident in literature and that it may surprise Californians to know that many adults living in the urban core of East Coast cities have never had a driver's license.

Chainwoman Downey requested that any additional comments on this topic be sent to staff.

**AGENDA ITEM #7: PROGRESS REPORT ON CALIFORNIA ENERGY COMMISSION (CEC) PARTNERSHIP**

Item postponed for future meeting.

**AGENDA ITEM #8: ELECTRIC TRANSPORTATION ENGINEERING CORPORATION (ETEC)/NISSAN NORTH AMERICA STIMULUS PROJECT**

Item postponed for future meeting.

**AGENDA ITEM #9: SCHEDULING AGENDA ITEMS FOR FUTURE MEETINGS**

Ms. Downey asked that topics or ideas for future meetings be sent to Susan Freedman (sfr@sandag.org) or Andrew Martin (ama@sandag.org).

**AGENDA ITEM #10: ADJOURN**

The meeting was adjourned at 12:59 p.m. The next meeting is scheduled for September 24, 2009.
# SANDAG ENERGY WORKING GROUP MEETING
## ATTENDANCE AUGUST 27, 2009

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<th>MEMBER/ALTERNATE</th>
<th>ATTENDING</th>
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<td>South County</td>
<td>City of Coronado</td>
<td>Carrie Downey, Chair</td>
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<td>Lesa Heebner</td>
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<td>Esther Sanchez</td>
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<td>Donna Frye</td>
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<td>Sherri Lightner</td>
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<td>Peter Livingston</td>
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<td>Andrew McAllister</td>
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<td>Irene M. Stillings</td>
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<td>Environmental Health Coalition</td>
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<td>Laura Hunter</td>
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<td>Energy Policy Initiatives Center</td>
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<td>Scott Anders, Vice Chair</td>
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<td>David Grubb</td>
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<td>Greg Newhouse</td>
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<td>Regional Sustainability Partnership, Clean Transportation Cmt</td>
<td>Derek Turbide</td>
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**OTHER ATTENDEES:**

Roger Boyd  
Josh Brock, City of San Diego  
Mike Bullock  
Rich Caputo, San Diego Renewable Energy Society  
Orien Carr, CompuCom  
Brit Coupens, Invenergy  
Alexandra Hart, IBEW 569  
Jack and Judy Hegenauer  
Danny King, City of Solana Beach  
Jim McCollum, Solar Turbines  
J.Naish, San Diego Unified School District  
Wende Portzman, City of Solana Beach  
Linda Pratt, City of San Diego  
Ann Tartre  
Susan Freedman, SANDAG  
Andrew Martin, SANDAG  
Marina Som, SANDAG
REGIONAL ENERGY STRATEGY UPDATE

Introduction

Last updated in 2003, the adopted Regional Energy Strategy (RES) serves as the energy policy blueprint for the San Diego region, with a primary focus on electricity and natural gas supply and demand issues including resource choices and energy efficiency. With the emergence of climate change as an urgent global challenge and significant energy policy changes in California, an update to the RES was initiated last summer with partial funding through a partnership with the California Energy Commission. Since then, the Energy Working Group (EWG) has overseen development of the draft at its monthly meetings. Regular status reports on the RES update have been provided to the Regional Planning Committee (RPC) and Board of Directors.

Next Steps

At its meeting on September 24, 2009, the EWG will be asked to provide further input to the Draft RES Update (Attachment 1). A revised draft of the RES Update will be distributed to the EWG prior to the meeting. Staff will ask the EWG to provide input on recommended actions that deserve priority for implementation following completion of the RES update, and provide comment on outstanding issues with the draft. At its October 22, 2009, the EWG will be asked to make a recommendation on the Draft RES Update to the Regional Planning Committee.

Discussion

The Draft RES Update is a policy document intended to support regional and local decision-making related to energy issues. The document assesses regional need for various energy resources and infrastructure and can inform decision-making in the San Diego region. The Draft RES Update does not make recommendations on specific energy projects (e.g., power plants or transmission lines). The Draft RES Update lays out a path for the region on energy issues and provides direction and guidance to local energy planning, legislative priorities, and public outreach. As a starting point, the Draft RES Update establishes a regional vision for 2030 based on guiding principles.
The Draft RES Update features discussion of regional energy issues in 12 topic areas, including goals and recommended actions for 2030. The 12 topic areas are:

1. Energy Efficiency
2. Renewable Energy
3. Distributed Generation
4. Energy and Water
5. Peak Demand
6. Smart Grid
7. Natural Gas
8. Transportation Fuels
9. Land Use and Transportation Planning
10. Energy and Borders
11. Clean Energy Economy
12. Energy and Climate Change

Recent Actions

- The Regional Planning Committee accepted the Preliminary Draft Regional Energy Strategy Update for public distribution and comment on July 31, 2009.
- The Preliminary Draft was posted to the SANDAG website at www.sandag.org/energy.
- A public workshop was held on August 4, 2009 at the California Center for Sustainable Energy to receive input on the preliminary draft.
- The Board of Directors, Transportation Committee, Borders Committee, and the Regional Planning Technical Working Group also have provided input to the preliminary draft.

Key Staff Contact: Susan Freedman, (619) 699-7387, sfr@sandag.org
PROGRESS REPORT ON CALIFORNIA ENERGY COMMISSION PARTNERSHIP File Number 3003002

Introduction

The California Energy Commission is providing technical and financial assistance to support four SANDAG energy planning projects as described below. Draft and final documents are and will continue to be available online at www.sandag.org/energy. The projects are to be completed at least 45 days prior to the contract end date on March 31, 2010.

1. Regional Energy Strategy (RES) Update

The 2003 RES is being updated to improve the integration of regional energy and transportation planning goals. The RES Update will be available for consideration in the 2050 Regional Transportation Plan (RTP) and future update of the Regional Comprehensive Plan.

Status: The Preliminary Draft RES Update is being revised with the input of the Energy Working Group, which will be asked to recommend the Draft RES Update to the Regional Planning Committee at the October EWG meeting.

Transferable Tool: A How-To-Guide to Regional Energy Planning will be developed based on the RES Update.

2. Regional Climate Action Plan

The Regional Climate Action Plan (RCAP) will assist in SANDAG efforts to develop a Sustainable Community Strategy in its next Regional Transportation Plan (RTP) update demonstrating how the region will achieve state targets for greenhouse gas (GHG) emission reductions required by Senate Bill 375 (Statutes of 2008) for passenger cars and light-duty trucks. Going beyond the relatively narrow focus of SB 375 on passenger vehicles, the RCAP will also analyze a wider range of policy measures that address climate change, with emphasis on those measures regional and local government can influence. The measures will generally focus on the region’s largest producers of greenhouse gases – on-road transportation, electricity generation, and natural gas end-uses – which combined account for about 80 percent of the region’s greenhouse gas emissions. The RCAP will identify prospective performance measures that could be used to monitor progress toward achieving GHG reductions. The final RCAP will be available for consideration and use in the next RTP update, which is currently underway.
Status: The preliminary draft RCAP will be presented in October 2009. A final draft is anticipated for consideration by the SANDAG Board of Directors in January 2010.

Transferable Tool: A Regional How-To-Guide will be developed based on the RCAP. A methodology report on the regional GHG Inventory has been developed by EPIC.

3. Regional Alternative Fuels, Vehicles, and Infrastructure Report

The objective of this report is to provide useful information and tools that will enable SANDAG, its member agencies and other regional stakeholders to take actions that could increase alternative fuel use and infrastructure availability in the San Diego region. This report serves as a background document for addressing alternative fuels in the RES Update, RCAP, Sustainable Region Program, and other SANDAG tasks.

Status: The Final Report will be presented to the SANDAG Board of Directors for consideration at its September 25, 2009, meeting.

Transferable Tool: The Energy Commission and SANDAG will determine if a toolkit should be developed or if existing toolkits should be utilized.

4. Sustainable Regional Program

Funded through the Energy Commission, San Diego Gas & Electric (SDG&E), and SANDAG, the Sustainable Region Program (SRP) offers “energy roadmaps” to local governments, conducts energy audits and provides recommendations on energy efficiency improvements. Thus far, the SRP has assisted the cities of Carlsbad, Poway, Solana Beach and Imperial Beach.

Status: SRP work with individual cities is complete under the Energy Commission partnership. SANDAG anticipates new funding through a local government partnership with SDG&E. In the interim, partial assistance is underway with cities of Santee, Encinitas and La Mesa, which will be expanded once the local partnership funding is approved by the California Public Utility Commission. Outreach and assistance to the remaining cities and County also will begin once funding is approved.

Transferable Tools: An SRP Action Plan and SRP Toolkit were developed with CCSE and SDG&E and are available online.

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NEWS RELEASE

SAN DIEGO SELECTED AS TARGET MARKET FOR LARGEST TRANSPORTATION ELECTRIFICATION PROJECT IN U.S. HISTORY

U.S. Department of Energy Chooses ECOtality’s eTec to Implement Project

SAN DIEGO, Aug. 5, 2009 – San Diego Gas & Electric (SDG&E), San Diego Association of Governments (SANDAG) and Electric Transportation Engineering Corporation (eTec) today announced that eTec, a leader in the research, development and testing of advanced transportation and energy systems, has been selected by the U.S. Department of Energy to implement the largest transportation electrification project in U.S. history through a $99.8 million grant.

eTec, a subsidiary of ECOtality, Inc. (OTCBB: ETLY), is partnering with Nissan North America to deploy up to 5,000 electric vehicles and establish charging infrastructure in five key markets, including San Diego, to develop, implement and study techniques for optimizing the effectiveness of charging infrastructure supporting widespread electric vehicle deployment.
“By studying lessons learned from electric vehicle operations and the infrastructure supporting these first 5,000 vehicles, the project will enable the streamlined deployment of the next 5 million electric vehicles,” said Don Karner, president of eTec. “The U.S. Department of Energy has shown great foresight in funding a project that deploys the largest number of vehicles and infrastructure to make America electric vehicle ready.”

SDG&E’s role will be to evaluate demand and energy impacts of electric vehicles on the electric grid, potential electric vehicle rate structures, smart grid interconnection requirements, distribution grid impacts of electric vehicle charging load and provide consumer education. Local governments’ roles will be to streamline the charger installation process, identify locations for public charge infrastructure and to support non-charging infrastructure, such as first responder training.

“Developing charging infrastructure is the critical link in making electric vehicles commercially viable,” said Debra L. Reed, president and chief executive officer of San Diego Gas & Electric. “This funding award means the San Diego region is one step closer to becoming “plug-in ready” and a national center for clean technology that will help achieve our nation’s goals of energy independence and reduced greenhouse-gas emissions. This project will foster new jobs and opportunities in the region as we become a pioneer launch for these advanced vehicles.”

The proposed project will collect and analyze data characterizing vehicle use and charging patterns in diverse topographies and climate conditions, evaluate the effectiveness of charge infrastructure, and conduct trials of various revenue systems for public charge infrastructure. By testing and analyzing electric vehicle usage and charging patterns in a simulated mature charging environment, this project will foster the expansion of electric vehicle infrastructure that will eventually be available for widespread electric vehicle use throughout the country. The project is valued at approximately $199.6 million, as federal funding for the project will be matched by project participants.

It is anticipated that more than 750 new employment positions will be generated by the proposed project by 2012. In supporting the market launch of the Nissan’s LEAF zero-emission electric vehicle, it is expected that more than 5,500 new positions will be in place by 2017 as a direct result of the project.
“Increasing the number of electric vehicles and charging stations fits with the SANDAG overall energy strategy for the region,” said Gary Gallegos, SANDAG Executive Director. “The strategy calls for adding cleaner fuels as well as cutting our dependence on foreign oil – electric cars will help us accomplish those goals.”

“In support of ECOtality’s commitment to enhancing America’s energy independence, the proposed project will accelerate the market acceptance of electric transportation and support President Obama’s goals for job creation and electric vehicle deployment,” said Jonathan Read, president and chief executive officer, ECOtality. “We’re thrilled to enter the San Diego market and thank SDG&E, the San Diego Association of Governments, San Diego Clean Fuels Coalition, San Diego Miramar College, University of California-San Diego, and the Center for Sustainable Energy for their support and partnership in the proposal submitted to the U.S. Department of Energy.”

Dependent upon on-going contract negotiations, up to 1,000 Nissan electric vehicles will be deployed in San Diego and charging infrastructure will be installed at residential, commercial and public locations. Markets in four other states will each receive up to 1,000 vehicles. Those states include Arizona, Oregon, Washington and Tennessee. Markets were evaluated and chosen based on favorable regulatory environment, strong market demographics, climate differentials, topographies, and transportation patterns.

Once eligible consumers join the pilot project, eTec residential charging equipment will be installed at the consumer’s home at no cost to the resident. It is estimated that each Nissan electric vehicle will save as much as 436 gallons of gasoline per year compared to a comparable internal combustion engine sedan. For the entire fleet of 5,000 Nissan electric vehicles that will be deployed, the fuel savings are calculated to be as high as 2,180,000 gallons of gasoline (51,900 barrels) per year.

For more information and to express interest in the newly unveiled Nissan LEAF zero-emission electric vehicle, visit http://www.nissanusa.com/leaf-electric-car.

SDG&E is a regulated public utility that provides safe and reliable energy service to 3.4 million consumers through 1.4 million electric meters and more than 840,000 natural gas meters in San Diego and southern Orange counties. The utility’s area spans 4,100 square miles. Exceptional customer service is a priority of SDG&E as it seeks to enhance the region’s quality of life. SDG&E is a subsidiary of Sempra Energy (NYSE: SRE), a Fortune 500 energy services holding company based in San Diego.
The San Diego Association of Governments (SANDAG) is the San Diego region’s primary public planning, transportation, and research agency, providing the public forum for regional policy decisions about growth, transportation planning and construction, environmental management, housing, open space, energy, public safety, and binational topics. SANDAG is governed by a Board of Directors composed of mayors, council members, and supervisors from each of the region’s 18 cities and the county government.

Electric Transportation Engineering Corporation (eTec), a subsidiary of ECOtality (OTCBB: ETLY), is a recognized leader in the research, development and testing of advanced transportation and energy systems. With over two decades of electric transportation experience, eTec has been involved in every electric vehicle initiative in North America since the 1990’s. Utilizing its patented industry-leading charging algorithm, eTec operates the Minit-Charger line of battery fast-charge systems for on-road electric vehicle, transit, material handling and airport ground support applications. For more information, please visit www.etecevs.com or www.minit-charger.com.

Editor’s Note: More detailed information about this announcement, including FAQs, is available at www.ecotality.com. Broadcasters: video and audio interviews are available for download at www.ecotality.com.

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Solar Energy Week
Sept. 27-Oct. 3

FAMILY SOLAR DAY (free)
Sunday • 12 p.m. - 4 p.m. • Ingram Plaza, Liberty Station

SOLAR CONFERENCE ($25)
Tuesday • 9 a.m. - 5 p.m. • San Diego Mission Valley Marriott

COMMERCIAL SOLAR TOUR ($25)
Thursday • 8 a.m. - 5 p.m. • Various locations in San Diego

SOLAR HOMES TOUR (free)
Saturday • 10 a.m. - 3 p.m. • Various locations in San Diego

Solar energy is good for you, good for your wallet
and good for the earth. Join the California Center for
Sustainable Energy for the 5th annual Solar Energy Week.
Register today at www.solarenergyweek.org.

Learn about harnessing the power of the sun to
benefit your home, school, public agency or business.

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