MEETING NOTICE
AND AGENDA

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

Thursday, June 24, 2010

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: Andrew Martin
(619) 699-7319
ama@sandag.org

AGENDA HIGHLIGHTS

• SAN DIEGO GAS & ELECTRIC UPDATE ON DYNAMIC PRICING
• BUILDING RETROFIT AND FINANCING PROGRAMS

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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.
ITEM # | RECOMMENDATION
---|---
1. WELCOME AND INTRODUCTIONS

2. SUMMARY OF MAY 27, 2010, ENERGY WORKING GROUP MEETING

APPROVE

The May 27, 2010, meeting summary is attached for Energy Working Group (EWG) review and approval.

3. PUBLIC COMMENT

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. DYNAMIC PRICING UPDATE

INFORMATION

San Diego Gas & Electric (SDG&E) will provide an overview of the proposed Dynamic Pricing Proposal for small commercial and residential customers, which will soon be filed with the California Public Utilities Commission (CPUC). Their Dynamic Pricing Proposal is consistent with CPUC and SDG&E goals to provide rates that encourage customers to lower energy use during times of peak electricity use.

5. BUILDING RETROFIT AND FINANCING PROGRAMS

DISCUSSION

The California Center for Sustainable Energy and SDG&E will update the EWG on regional efforts to develop building retrofit and finance programs, with a focus on the residential sector. Efforts include grants from the Department of Energy and California Energy Commission for rapid scaling of the building performance industry, the SDG&E Whole-House Retrofit Program, property-assessed clean energy (PACE) finance programs, and training and certification to support the building performance industry. More detailed information is available at www.energycenter.org/retrofit.

6. STATE ENERGY AND CLIMATE LEGISLATION

INFORMATION

At the request of the EWG, staff is tracking several state bills related to energy and climate change. Attached are brief summaries of these bills, including their status at the time of this agenda preparation.
7. SCHEDULING AGENDA ITEMS FOR FUTURE MEETINGS

EWG members are invited to suggest topics for future meetings. The next EWG meeting is scheduled for July 22, 2010. The tentative agenda includes information on the upcoming SANDAG Energy Roadmap Program for local governments and Sustainable Energy Week hosted by the California Center for Sustainable Energy.

8. ADJOURN

+ next to an item indicates an attachment
SUMMARY OF MAY 27, 2010, ENERGY WORKING GROUP MEETING

ITEM #1: WELCOME AND INTRODUCTIONS

Chair Carrie Downey, City of Coronado, called the meeting to order at 11:44 a.m.

ITEM #2: SUMMARY OF APRIL 22, 2010, ENERGY WORKING GROUP MEETING

Peter Livingston, County of San Diego, was incorrectly listed as absent from the April meeting. The meeting summary for April 22, 2010, was unanimously approved, including the correction for Mr. Livingston’s April meeting attendance.

ITEM #3: PUBLIC COMMENT

Mike Evans, Shell Energy, said that, as of May 7, 2010, the Marin Energy Authority is the first Community Choice Aggregation (CCA) program in California set up to supply customers within a group of cities. Ms. Downey announced that next week the City of Coronado is declaring a Science and Engineering Week in an effort to promote those areas of education.

ITEM #4: ELECTRIC VEHICLES IN THE SAN DIEGO REGION

Susan Freedman, SANDAG, provided an overview of electric vehicle (EV) activities occurring in the San Diego Region. Mike Ferry, CCSE, introduced CCSE’s role in administering and managing the state rebate program for consumer electric vehicles called the “Clean Vehicle Project.” He stated that funding for this project extends through 2015. For FY 2010, $4.1 million in rebates is allocated for fuel cell, battery, and plug-in hybrid electric vehicles. An additional $5 million is recommended for FY 2011. Discussion featured the cost of available electric vehicles, secondary uses of vehicle batteries, the potential of using photovoltaic solar panels to power electric vehicles, battery swapping as an alternative to vehicle charging, using electric vehicles for energy storage, and the development of uniform standards for electric vehicle supply equipment (EVSE).
ITEM #5: THE EV PROJECT

Andy Hoskinson, ECOtality, discussed The EV Project, a $2,000,000 project funded by the Department of Energy and the California Energy Commission to study charging and driving behaviors of electric vehicle drivers. A network of over 2,000 electric vehicle chargers will be installed to help inform the roll out of EVSE throughout the United States. Discussion revolved around the eligibility requirements to participate in this project, using solar PV to mitigate potential issues with vehicle charging during times of peak electricity use, charging opportunities for government and workplace sites, charging issues for renters and non-homeowners, the availability of electric vehicles as rental cars, Navy participation in the project, and roadside assistance for electric vehicles.

ITEM #6: REGIONAL AIRPORT AUTHORITY AIR QUALITY MANAGEMENT PLAN

Paul Manasjen and Brett Caldwell of the San Diego County Regional Airport Authority presented an overview of their Air Quality Management Plan. The mission for the plan involves coordination among all tenants and stakeholders to manage greenhouse gas emissions. Their plan has five elements:

1) Conduct a baseline emissions inventory,

2) Identify opportunities to reduce greenhouse gases,

3) Address ground-based aircraft movement,

4) Addressing the requirements of the Memorandum of Understanding with the California Office of the Attorney General, and

5) A vehicle conversion program for landside ground transportation providers.

Some of the proposals as a result of the plan include: providing electric power at all gates so aircraft do not have to run their engines, reducing ground-based emissions from aircraft by 20 percent by 2015, replacing all ground service equipment and ground service providers with electric or other alternative fuels, seeking LEED Silver certification or higher for future development, and working with airport tenants to engage them in recycling and other environmental programs. Overall, 92 percent of the airport’s greenhouse gases come from aircraft in the air. Their plan focuses on on-ground activities.

Discussion included the potential for cogeneration opportunities at the airport, incentives for taxi service providers to switch to electric or alternative fuels, improving public transportation service to the airport, and opportunities for the Port of San Diego and the Airport Authority to work together to address greenhouse gases and related issues because of the similarities between the two agencies.
ITEM #7: STATE ENERGY AND CLIMATE LEGISLATION

This item was postponed to the next meeting due to lack of time.

ITEM #8: BLOOM ENERGY INFORMATION

This item was provided as information for the Energy Working Group.

ITEM #9: SCHEDULING AGENDA ITEMS FOR FUTURE MEETINGS

The next meeting will focus on developments related to building retrofit and financing programs in the region.

ITEM #10: ADJOURN

The meeting was adjourned at 1:17 p.m.
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<th>GEOGRAPHICAL AREA / ORGANIZATION</th>
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<th>NAME</th>
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<td>City of Coronado</td>
<td>Carrie Downey, Chair</td>
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<td>Lesa Heebner</td>
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<td>Rebecca Jones</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>Metropolitan Transit System (MTS)</td>
<td>Sharon Cooney</td>
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<td>San Diego Gas &amp; Electric</td>
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<td>Matt Burkhart</td>
<td>Member</td>
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<td>JC Thomas</td>
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<td>Ahmad Solomon</td>
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<td>San Diego Regional Chamber of Commerce</td>
<td>Shell Energy</td>
<td>Mike Evans</td>
<td>Member</td>
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<td>Mike Nagy</td>
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<td>North County Economic Development Council</td>
<td>David Lloyd</td>
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<td>Bill Clevenger</td>
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<td>California Center for Sustainable Energy</td>
<td>___</td>
<td>Andrew McAllister</td>
<td>Member</td>
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<td>Irene M. Stillings</td>
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<td>Laura Hunter</td>
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<td>Nicole Capretz</td>
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<td>Scott Anders, Vice Chair</td>
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<td>Nilmini Silva-Send</td>
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<td>Regional Universities</td>
<td>University of California, San Diego (UCSD)</td>
<td>Dr. Heather Honea</td>
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<td>San Diego State University (SDSU)</td>
<td>Dave Weil</td>
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<td>Port of San Diego</td>
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<td>Michelle White</td>
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<td>Kelly Makley</td>
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<td>Sierra Club</td>
<td>Border Power Plants Working Group</td>
<td>Bill Powers</td>
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<td>Carolyn Chase</td>
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<td>Regional Alternative Fuels Groups</td>
<td>San Diego Clean Cities Coalition</td>
<td>Greg Newhouse</td>
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<td>Regional Sustainability Partnership, Clean Transportation Committee</td>
<td>Derek Turbide</td>
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</tbody>
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**OTHER ATTENDEES:**

Brett Caldwell, SDCRAA  
Rich Caputo  
Brit Coupens  
Mike Ferry, CCSE  
Julie Gelfat  
Alexandra Hart  
Andy Hoskinson, ECotality North America  
M.J. Lammarino, SDG&E  
Jim McCollum  
John Morgan, CPUC  
Chris Morlok  
Nathalie Osborn, McKinstry  
Eric Turner  
Marty Turock, CleanTECH San Diego  
Linda Wagner, City of Chula Vista  
Susan Freedman, SANDAG  
Andrew Martin, SANDAG  
Kim Roeland, SANDAG
ENERGY BILLS

AB 46 (Blakeslee). Energy
LAST AMEND: 09/04/2009
LOCATION: Senate Third Reading
SUMMARY: Relates to the appointment of a designee to serve on the Board of Directors of SAFE-BIDCO. Extends provisions that provide for the administration of the Energy Conservation Assistance Account that provides grants and loans to local governments and public institutions for energy use savings. Extends the operation of a program that requires the providing of loans to local jurisdictions for energy projects to purchase, maintain, and evaluate energy efficient equipment.

AB 231 (Huffman). Global Warming Solutions Act of 2006: Trust Fund
LAST AMEND: 06/26/2009
LOCATION: Senate Environmental Quality Committee
SUMMARY: Requires the State Air Resources Board to adopt a schedule of fees contained in the State Global Warming Solutions Act of 2006, to be paid by the sources of greenhouse emissions which would be deposited in the Climate Protection Trust Fund, for purposes of carrying out the act. Requires federal climate changes funds to be deposited into the fund.

AB 1106 (Fuentes). Renewable Electric Generation Facilities: Tariffs
LAST AMEND: 07/15/2009
LOCATION: Senate Appropriations Committee
SUMMARY: Makes the existing feed-in tariff statute applicable to an electric generation facility that interconnects to the grid and commences operation on or before a specified date. Requires certain corporations to implement a standard-offer contract with feed-in tariff and requires the Public Utilities Commission's approval of the contract and feed-in tariff. The bill provides different requirements for two separate tiers of tariff-eligible generation facilities.

AB 1405 (De Leon). California Global Warming Solutions Act of 2006
LAST AMEND: 09/01/2009
LOCATION: Senate Inactive File
SUMMARY: Amends the State Global Warming Solutions Act of 2006. The bill establishes the Community Benefits Fund. Requires a specified percentage of revenues generated from fees paid by the sources of greenhouse gas emissions under the act, to be deposited into the fund. Provides that fund moneys will mitigate health impacts and reduce greenhouse emissions in the most disadvantaged and impacted communities in the state. Requires a related report on how these provisions will be implemented. The bill requires a review panel.
AB 1809 (Smyth). Home Inspections: Energy Audits
LAST AMEND: 04/26/2010
COMMITTEE: Senate Business, Professions & Economic Development Committee
HEARING: 06/21/2010, 1:30 p.m.
SUMMARY: Authorizes a home inspection to, if requested by the client, an inspection of energy efficiency or a home energy rating system home energy audit. AB 1809 requires the home inspection report to include certain additional specified information. Declares the intent of the Legislature that a home energy rating system audit may, at the request of the client, be performed during escrow by a home inspector who is home energy rating system certified.

SB 722 (Simitian). Utilities: Renewable Energy Resources
LAST AMEND: 03/04/2010
LOCATION: Assembly Rules Committee
SUMMARY: Relates to an increase in the amount of electricity generated from renewable sources by a specified date using a phased-in schedule, permitting a retail seller to delay compliance under specified circumstances, related annual compliance reports, methodology for the market price of electricity, publicly owned electric utility compliance with the renewables portfolio standard, implementation of a standard accounting system, new transmission facilities certification, and integration of sources into the grid.

SB 1340 (Kehoe). Energy: Alternative Fuels
LAST AMEND: 04/22/2010
COMMITTEE: Assembly Transportation Committee
HEARING: 06/21/2010, 1:30 p.m.
SUMMARY: Specifies projects eligible for funding under the Alternative and Renewable Fuel and Vehicle Technology Program to include a cost-effective program to provide funding for homeowners who purchase an electric vehicle to offset costs associated with modifying electrical sources to include a residential plug-in electric vehicle charging station.

LAST AMEND: 06/07/2010
COMMITTEE: Assembly Utilities and Commerce Committee
HEARING: 06/14/2010, 3:00 p.m.
SUMMARY: Requires the independent governing board of directors to annually select a representative of the Independent System Operator to appear before the appropriate policy committees of the Senate and the Assembly to report on the activities of the Independent System Operator.
WATER BILLS

AB 1774 (Saldana). Recycled Water: State Agency Landscape Irrigation
LAST AMEND: 05/28/2010
LOCATION: Senate Natural Resources and Water Committee
SUMMARY: States legislative findings and declarations that the use of potable domestic water for the irrigation of landscaping generally is a waste or an unreasonable use of water if recycled water is available for such use. AB 1774 authorizes a public agency, including local public agencies, to require a state agency whose property is located within the jurisdiction of the public agency to use recycled water for landscape irrigation or the property of that state agency if certain requirements are met.

SB 918 (Pavley). Water Recycling
LAST AMEND: 06/01/2010
COMMITTEE: Assembly Environmental Safety and Toxic Materials Committee
HEARING: 06/15/2010, 1:30 p.m.
SUMMARY: Requires the State Department of Public Health to develop and adopt uniform water recycling criteria for indirect potable water reuse for groundwater recharge, and develop and adopt uniform water recycling criteria for surface water augmentation, under a certain condition. SB 918 requires the department to investigate developing uniform water recycling criteria for such reuse. SB 918 requires funds from violations of water quality requirements for use in developing and adopting water recycling criteria.