

CENTRAL BASIN MUNICIPAL WATER DISTRICT

DECEMBER 19, 2006 - Board Meeting

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Approved by: Art Aguilar

INFORMATION CALENDAR

SOLAR CUP 2007SUMMARY:

Central Basin in partnership with the Metropolitan Water District of Southern California will again be participating in Solar Cup. Now in its fifth year, Solar Cup is a program in which high school teams construct a solar powered boat over a six-month period. From May 18-20, 2007 teams will then compete against each other in spirit and endurance events at Lake Skinner in Temecula.

MWD serves as the lead sponsor for the event and typically coordinate with staff in marketing the program to all of the Districts' high schools. In early September 2005, a direct mail marketing campaign was targeted to all of the District's school district superintendents, high school principals and high school science chairs for Solar Cup 2006. The marketing materials consisted of a poster with facts about Solar Cup, press clippings of Solar Cup 2005 and a DVD or video of last year's event. Follow-up calls are then made throughout October to all superintendents, high school principals and high school science chairs.

Unfortunately, for Solar Cup 2007 those marketing efforts did not occur because after the split with West Basin Municipal Water District in June 2006, staff's name was deleted from MWD's database of Member Agency Educators by a temporary administrative secretary. Subsequently, staff did not receive two key emails regarding the District's participation in Solar Cup 2007, nor did staff receive a phone call inquiry from MWD despite the fact that Central Basin participated in Solar Cup last year. MWD has apologized to staff for their error and corrected their database.

Despite a lack of marketing Central Basin will indeed be participating in Solar Cup 2007. Shortly after Thanksgiving, Warren High School in Downey, who participated in last year's Solar Cup, contacted staff and said that they would like to participate in Solar Cup 2007.

Now that Central Basin will be participating in Solar Cup 2007, MWD will provide the team from Warren High School with the technical expertise necessary to teach the students and teachers each of the steps to build and operate a safe, solar-powered boat. In addition, MWD will do the following: supply each high school team with a "hull" kit and some of the harder to find boat components; host boat-building workshops to assist teams in assembling their boats; and at the workshops provide the tools and other supplies to build the solar-powered boat. A Solar Cup 2007 Timeline is attached as Exhibit "A".

As for the District, it will again be Central Basin's responsibility to furnish the Warren High School team with \$3,000. This money will be used to purchase solar panels, batteries, safety and steering equipment. All high school teams are strictly monitored that they spend no more than \$3,000 on their boat otherwise they cannot participate in Solar Cup 2007. The Districts will also allocate an additional \$1,000 to furnish each Solar Cup 2007 team member with a T-shirt, hat, etc.

FISCAL IMPACTS:

Funds in the amount \$4,000 are allocated within the Fiscal Year 2007-08 Budget.

ENVIRONMENTAL COMPLIANCE:

None.

COMMITTEE STATUS:

This item was not reviewed by the Communications Committee due to the fact that it was cancelled.

RECOMMENDED MOTION:

This item is for information only.

LIST OF EXHIBITS:

Exhibit "A" - Solar Cup 2007 Timeline

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EXHIBIT “A”



Solar Cup 2007 Timeline

September 2006

Member agency identify schools they will sponsor
Finalize contract for Technical Assistance

October 2006

Collect teacher name and contact information from
member agencies for the teams they requested

November 2006

Contact schools

December 2006

12/9—Host first Boat Building Workshop
12/16—Host second Boat Building workshop

January 2007

1/20—Host first Technical Workshop
Issue technical report deadlines

February 2007

2/3—Host second Technical Workshop
2/7—First report due—Solar Array
2/21 due from cal poly

March 2007

3/6—Second report due—Electrical
3/20—due from cal poly

April 2007

4/3—Third report due—Drive train/Steering
4/17—due from cal poly
4/26—Visual Display report due—Water issue

4/3 to 4/30—School visits

May 2007

May 5—Technical Inspection
May 18-20—Solar Cup 2007 Event!

June 2007

6/12—Recognize top five teams at board meeting

Updated 10/04/06